

```

//
// code
// Generated by Intel Hex
// code:000000-code:001531.1
//

*****
*                               THUNK FUNCTION                               *
*****
thunk undefined RESET()
  Thunked-Function: FUN_code_00017c
undefined R24:1 <RETURN>
  ↗ RESET XREF [8]: Entry Point (*), RESET:0001ad(T),
  RESET:0001ad(j),
  FUN_code_000681:00068e(c),
  FUN_code_000681:000691(c),
  FUN_code_000681:00069b(c),
  FUN_code_000681:00069e(c),
  FUN_code_000681:0006a8(c),
  FUN_code_000681:0006ab(j)

code:000000 0c 94 7c 01 jmp FUN_code_00017c

*****
*                               THUNK FUNCTION                               *
*****
thunk undefined INTO()
  Thunked-Function: FUN_code_000916
undefined R24:1 <RETURN>
  ↗ INTO XREF [1]: Entry Point (*)

code:000002 0c 94 16 09 jmp FUN_code_000916

*****
*                               THUNK FUNCTION                               *
*****
thunk undefined INT1()
  Thunked-Function: FUN_code_0008ea
undefined R24:1 <RETURN>
  ↗ INT1 XREF [1]: Entry Point (*)

code:000004 0c 94 ea 08 jmp FUN_code_0008ea

*****
*                               THUNK FUNCTION                               *
*****
thunk undefined INT2()
  Thunked-Function: FUN_code_0008be
undefined R24:1 <RETURN>
  ↗ INT2 XREF [1]: Entry Point (*)

code:000006 0c 94 be 08 jmp FUN_code_0008be

*****
*                               THUNK FUNCTION                               *
*****
thunk undefined INT3()
  Thunked-Function: FUN_code_000892
undefined R24:1 <RETURN>
  ↗ INT3 XREF [1]: Entry Point (*)

code:000008 0c 94 92 08 jmp FUN_code_000892

*****
*                               THUNK FUNCTION                               *
*****
thunk undefined INT4()
  Thunked-Function: FUN_code_000866
undefined R24:1 <RETURN>
  ↗ INT4 XREF [1]: Entry Point (*)

code:00000a 0c 94 66 08 jmp FUN_code_000866

*****
*                               THUNK FUNCTION                               *
*****
thunk undefined INT5()
  Thunked-Function: FUN_code_00083a
undefined R24:1 <RETURN>
  ↗ INT5 XREF [1]: Entry Point (*)

code:00000c 0c 94 3a 08 jmp FUN_code_00083a

*****
*                               THUNK FUNCTION                               *
*****
thunk undefined INT6()
  Thunked-Function: RESET
undefined R24:1 <RETURN>
  ↗ INT6 XREF [1]: Entry Point (*)

code:00000e 0c 94 ad 01 jmp RESET

```

```

*****
*                               *
*                               *
*****
thunk undefined INT7()
  Thunked-Function: RESET
  R24:1 <RETURN>
undefined  ↗ INT7                               XREF[1]:  Entry Point (*)
code:000010 0c 94 ad 01  jmp      RESET

*****
*                               *
*                               *
*****
thunk undefined PCINT0()
  Thunked-Function: RESET
  R24:1 <RETURN>
undefined  ↗ PCINT0                             XREF[1]:  Entry Point (*)
code:000012 0c 94 ad 01  jmp      RESET

*****
*                               *
*                               *
*****
thunk undefined PCINT1()
  Thunked-Function: RESET
  R24:1 <RETURN>
undefined  ↗ PCINT1                             XREF[1]:  Entry Point (*)
code:000014 0c 94 ad 01  jmp      RESET

*****
*                               *
*                               *
*****
thunk undefined PCINT2()
  Thunked-Function: RESET
  R24:1 <RETURN>
undefined  ↗ PCINT2                             XREF[1]:  Entry Point (*)
code:000016 0c 94 ad 01  jmp      RESET

*****
*                               *
*                               *
*****
thunk undefined WDT()
  Thunked-Function: RESET
  R24:1 <RETURN>
undefined  ↗ WDT                               XREF[1]:  Entry Point (*)
code:000018 0c 94 ad 01  jmp      RESET

*****
*                               *
*                               *
*****
thunk undefined TIMER2_COMPA()
  Thunked-Function: RESET
  R24:1 <RETURN>
undefined  ↗ TIMER2_COMPA                       XREF[1]:  Entry Point (*)
code:00001a 0c 94 ad 01  jmp      RESET

*****
*                               *
*                               *
*****
thunk undefined TIMER2_COMPB()
  Thunked-Function: RESET
  R24:1 <RETURN>
undefined  ↗ TIMER2_COMPB                       XREF[1]:  Entry Point (*)
code:00001c 0c 94 ad 01  jmp      RESET

*****
*                               *
*                               *
*****
thunk undefined TIMER2_OVF()
  Thunked-Function: RESET
  R24:1 <RETURN>
undefined  ↗ TIMER2_OVF                         XREF[1]:  Entry Point (*)
code:00001e 0c 94 ad 01  jmp      RESET

*****
*                               *
*                               *
*****
thunk undefined TIMER1_CAPT()
  Thunked-Function: RESET
  R24:1 <RETURN>
undefined  ↗ TIMER1_CAPT                       XREF[1]:  Entry Point (*)
code:000020 0c 94 ad 01  jmp      RESET

```

```

*****
*                               *
*                               *
*****
thunk undefined TIMER1_COMPA()
  Thunked-Function: RESET
  R24:1 <RETURN>
undefined  ↗ TIMER1_COMPA                XREF[1]:  Entry Point (*)
code:000022 0c 94 ad 01  jmp      RESET

*****
*                               *
*                               *
*****
thunk undefined TIMER1_COMPB()
  Thunked-Function: RESET
  R24:1 <RETURN>
undefined  ↗ TIMER1_COMPB                XREF[1]:  Entry Point (*)
code:000024 0c 94 ad 01  jmp      RESET

*****
*                               *
*                               *
*****
thunk undefined TIMER1_COMPC()
  Thunked-Function: RESET
  R24:1 <RETURN>
undefined  ↗ TIMER1_COMPC                XREF[1]:  Entry Point (*)
code:000026 0c 94 ad 01  jmp      RESET

*****
*                               *
*                               *
*****
thunk undefined TIMER1_OVF()
  Thunked-Function: RESET
  R24:1 <RETURN>
undefined  ↗ TIMER1_OVF                  XREF[1]:  Entry Point (*)
code:000028 0c 94 ad 01  jmp      RESET

*****
*                               *
*                               *
*****
thunk undefined TIMER0_COMPA()
  Thunked-Function: RESET
  R24:1 <RETURN>
undefined  ↗ TIMER0_COMPA                XREF[1]:  Entry Point (*)
code:00002a 0c 94 ad 01  jmp      RESET

*****
*                               *
*                               *
*****
thunk undefined TIMER0_COMPB()
  Thunked-Function: RESET
  R24:1 <RETURN>
undefined  ↗ TIMER0_COMPB                XREF[1]:  Entry Point (*)
code:00002c 0c 94 ad 01  jmp      RESET

*****
*                               *
*                               *
*****
thunk undefined TIMER0_OVF()
  Thunked-Function: FUN_code_0007f0
  R24:1 <RETURN>
undefined  ↗ TIMER0_OVF                  XREF[1]:  Entry Point (*)
code:00002e 0c 94 f0 07  jmp      FUN_code_0007f0

*****
*                               *
*                               *
*****
thunk undefined SPI_STC()
  Thunked-Function: RESET
  R24:1 <RETURN>
undefined  ↗ SPI_STC                      XREF[1]:  Entry Point (*)
code:000030 0c 94 ad 01  jmp      RESET

*****
*                               *
*                               *
*****
thunk undefined USART0_RX()
  Thunked-Function: FUN_code_0007ba
  R24:1 <RETURN>
undefined  ↗ USART0_RX                    XREF[1]:  Entry Point (*)
code:000032 0c 94 ba 07  jmp      FUN_code_0007ba

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*****
*                               *
*                               *
*****
thunk undefined USART0_UDRE()
  Thunked-Function: FUN_code_000790
  R24:1 <RETURN>
undefined  ↗ USART0_UDRE
code:000034 0c 94 90 07  jmp      FUN_code_000790      XREF[1]:  Entry Point (*)

*****
*                               *
*                               *
*****
thunk undefined USART0_TX()
  Thunked-Function: RESET
  R24:1 <RETURN>
undefined  ↗ USART0_TX
code:000036 0c 94 ad 01  jmp      RESET      XREF[1]:  Entry Point (*)

*****
*                               *
*                               *
*****
thunk undefined ANALOG_COMP()
  Thunked-Function: RESET
  R24:1 <RETURN>
undefined  ↗ ANALOG_COMP
code:000038 0c 94 ad 01  jmp      RESET      XREF[1]:  Entry Point (*)

*****
*                               *
*                               *
*****
thunk undefined ADC_ADC()
  Thunked-Function: RESET
  R24:1 <RETURN>
undefined  ↗ ADC_ADC
code:00003a 0c 94 ad 01  jmp      RESET      XREF[1]:  Entry Point (*)

*****
*                               *
*                               *
*****
thunk undefined EE_READY()
  Thunked-Function: RESET
  R24:1 <RETURN>
undefined  ↗ EE_READY
code:00003c 0c 94 ad 01  jmp      RESET      XREF[1]:  Entry Point (*)

*****
*                               *
*                               *
*****
thunk undefined TIMER3_CAPT()
  Thunked-Function: RESET
  R24:1 <RETURN>
undefined  ↗ TIMER3_CAPT
code:00003e 0c 94 ad 01  jmp      RESET      XREF[1]:  Entry Point (*)

*****
*                               *
*                               *
*****
thunk undefined TIMER3_COMPA()
  Thunked-Function: RESET
  R24:1 <RETURN>
undefined  ↗ TIMER3_COMPA
code:000040 0c 94 ad 01  jmp      RESET      XREF[1]:  Entry Point (*)

*****
*                               *
*                               *
*****
thunk undefined TIMER3_COMPB()
  Thunked-Function: RESET
  R24:1 <RETURN>
undefined  ↗ TIMER3_COMPB
code:000042 0c 94 ad 01  jmp      RESET      XREF[1]:  Entry Point (*)

*****
*                               *
*                               *
*****
thunk undefined TIMER3_COMPC()
  Thunked-Function: RESET
  R24:1 <RETURN>
undefined  ↗ TIMER3_COMPC
code:000044 0c 94 ad 01  jmp      RESET      XREF[1]:  Entry Point (*)

```

```

*****
*                               *
*****
thunk undefined TIMER3_OVF()
  Thunked-Function: RESET
  R24:1 <RETURN>
undefined  ↗ TIMER3_OVF                                XREF[1]:  Entry Point (*)
code:000046 0c 94 ad 01  jmp      RESET

*****
*                               *
*****
thunk undefined USART1_RX()
  Thunked-Function: RESET
  R24:1 <RETURN>
undefined  ↗ USART1_RX                                XREF[1]:  Entry Point (*)
code:000048 0c 94 ad 01  jmp      RESET

*****
*                               *
*****
thunk undefined USART1_UDRE()
  Thunked-Function: RESET
  R24:1 <RETURN>
undefined  ↗ USART1_UDRE                              XREF[1]:  Entry Point (*)
code:00004a 0c 94 ad 01  jmp      RESET

*****
*                               *
*****
thunk undefined USART1_TX()
  Thunked-Function: RESET
  R24:1 <RETURN>
undefined  ↗ USART1_TX                                XREF[1]:  Entry Point (*)
code:00004c 0c 94 ad 01  jmp      RESET

*****
*                               *
*****
thunk undefined TWI()
  Thunked-Function: RESET
  R24:1 <RETURN>
undefined  ↗ TWI                                      XREF[1]:  Entry Point (*)
code:00004e 0c 94 ad 01  jmp      RESET

*****
*                               *
*****
thunk undefined SPM_READY()
  Thunked-Function: RESET
  R24:1 <RETURN>
undefined  ↗ SPM_READY                                XREF[1]:  Entry Point (*)
code:000050 0c 94 ad 01  jmp      RESET

*****
*                               *
*****
thunk undefined TIMER4_CAPT()
  Thunked-Function: RESET
  R24:1 <RETURN>
undefined  ↗ TIMER4_CAPT                              XREF[1]:  Entry Point (*)
code:000052 0c 94 ad 01  jmp      RESET

*****
*                               *
*****
thunk undefined TIMER4_COMPA()
  Thunked-Function: RESET
  R24:1 <RETURN>
undefined  ↗ TIMER4_COMPA                            XREF[1]:  Entry Point (*)
code:000054 0c 94 ad 01  jmp      RESET

*****
*                               *
*****
thunk undefined TIMER4_COMPB()
  Thunked-Function: RESET
  R24:1 <RETURN>
undefined  ↗ TIMER4_COMPB                            XREF[1]:  Entry Point (*)
code:000056 0c 94 ad 01  jmp      RESET

```

```

*****
*                               *
*****
thunk undefined TIMER4_COMPC()
  Thunked-Function: RESET
  R24:1 <RETURN>
undefined  ↗ TIMER4_COMPC                XREF[1]:  Entry Point (*)
code:000058 0c 94 ad 01  jmp      RESET

*****
*                               *
*****
thunk undefined TIMER4_OVF()
  Thunked-Function: RESET
  R24:1 <RETURN>
undefined  ↗ TIMER4_OVF                XREF[1]:  Entry Point (*)
code:00005a 0c 94 ad 01  jmp      RESET

*****
*                               *
*****
thunk undefined TIMER5_CAPT()
  Thunked-Function: RESET
  R24:1 <RETURN>
undefined  ↗ TIMER5_CAPT              XREF[1]:  Entry Point (*)
code:00005c 0c 94 ad 01  jmp      RESET

*****
*                               *
*****
thunk undefined TIMER5_COMPA()
  Thunked-Function: RESET
  R24:1 <RETURN>
undefined  ↗ TIMER5_COMPA            XREF[1]:  Entry Point (*)
code:00005e 0c 94 ad 01  jmp      RESET

*****
*                               *
*****
thunk undefined TIMER5_COMPB()
  Thunked-Function: RESET
  R24:1 <RETURN>
undefined  ↗ TIMER5_COMPB            XREF[1]:  Entry Point (*)
code:000060 0c 94 ad 01  jmp      RESET

*****
*                               *
*****
thunk undefined TIMER5_COMPC()
  Thunked-Function: RESET
  R24:1 <RETURN>
undefined  ↗ TIMER5_COMPC            XREF[1]:  Entry Point (*)
code:000062 0c 94 ad 01  jmp      RESET

*****
*                               *
*****
thunk undefined TIMER5_OVF()
  Thunked-Function: RESET
  R24:1 <RETURN>
undefined  ↗ TIMER5_OVF              XREF[1]:  Entry Point (*)
code:000064 0c 94 ad 01  jmp      RESET

*****
*                               *
*****
thunk undefined USART2_RX()
  Thunked-Function: RESET
  R24:1 <RETURN>
undefined  ↗ USART2_RX                XREF[1]:  Entry Point (*)
code:000066 0c 94 ad 01  jmp      RESET

*****
*                               *
*****
thunk undefined USART2_UDRE()
  Thunked-Function: RESET
  R24:1 <RETURN>
undefined  ↗ USART2_UDRE            XREF[1]:  Entry Point (*)
code:000068 0c 94 ad 01  jmp      RESET

```

```

*****
*                               *
*                               *
*****
thunk undefined USART2_TX()
  Thunked-Function: RESET
  R24:l <RETURN>
undefined
  ↳ USART2_TX
code:00006a 0c 94 ad 01 jmp RESET XREF[1]: Entry Point(*)

*****
*                               *
*                               *
*****
thunk undefined USART3_RX()
  Thunked-Function: RESET
  R24:l <RETURN>
undefined
  ↳ USART3_RX
code:00006c 0c 94 ad 01 jmp RESET XREF[1]: Entry Point(*)

*****
*                               *
*                               *
*****
thunk undefined USART3_UDRE()
  Thunked-Function: RESET
  R24:l <RETURN>
undefined
  ↳ USART3_UDRE
code:00006e 0c 94 ad 01 jmp RESET XREF[1]: Entry Point(*)

*****
*                               *
*                               *
*****
thunk undefined USART3_TX()
  Thunked-Function: RESET
  R24:l <RETURN>
undefined
  ↳ USART3_TX
code:000070 0c 94 ad 01 jmp RESET XREF[1]: Entry Point(*)
code:000072 0c ?? 0Ch
code:000072.1 94 ?? 94h
code:000073 af ?? AFh
code:000073.1 01 ?? 01h
code:000074 0c ?? 0Ch
code:000074.1 94 ?? 94h
code:000075 2c ?? 2Ch
code:000075.1 03 ?? 03h
code:000076 0c ?? 0Ch
code:000076.1 94 ?? 94h
code:000077 c5 ?? C5h
code:000077.1 0f ?? 0Fh
code:000078 0c ?? 0Ch
code:000078.1 94 ?? 94h
code:000079 10 ?? 10h
code:000079.1 03 ?? 03h
code:00007a 0c ?? 0Ch
code:00007a.1 94 ?? 94h
code:00007b 14 ?? 14h
code:00007b.1 03 ?? 03h
code:00007c 0c ?? 0Ch
code:00007c.1 94 ?? 94h
code:00007d 28 ?? 28h
code:00007d.1 03 ?? 03h
code:00007e 0c ?? 0Ch
code:00007e.1 94 ?? 94h
code:00007f 03 ?? 03h
code:00007f.1 03 ?? 03h
code:000080 0c ?? 0Ch
code:000080.1 94 ?? 94h
code:000081 17 ?? 17h
code:000081.1 02 ?? 02h
code:000082 0c ?? 0Ch
code:000082.1 94 ?? 94h
code:000083 b7 ?? B7h
code:000083.1 02 ?? 02h
code:000084 0c ?? 0Ch
code:000084.1 94 ?? 94h
code:000085 14 ?? 14h
code:000085.1 07 ?? 07h
code:000086 0c ?? 0Ch
code:000086.1 94 ?? 94h
code:000087 f5 ?? F5h
code:000087.1 01 ?? 01h
code:000088 0c ?? 0Ch
code:000088.1 94 ?? 94h
code:000089 35 ?? 35h
code:000089.1 03 ?? 03h
code:00008a 0c ?? 0Ch
code:00008a.1 94 ?? 94h
code:00008b 3a ?? 3Ah
code:00008b.1 03 ?? 03h
code:00008c 0c ?? 0Ch

```

code:00008c.1 94	??	94h	
code:00008d 30	??	30h	0
code:00008d.1 03	??	03h	
code:00008e 0c	??	0Ch	
code:00008e.1 94	??	94h	
code:00008f fb	??	FBh	
code:00008f.1 02	??	02h	
code:000090 0c	??	0Ch	
code:000090.1 94	??	94h	
code:000091 09	??	09h	
code:000091.1 02	??	02h	
code:000092 0c	??	0Ch	
code:000092.1 94	??	94h	
code:000093 1a	??	1Ah	
code:000093.1 03	??	03h	
code:000094 0c	??	0Ch	
code:000094.1 94	??	94h	
code:000095 34	??	34h	4
code:000095.1 04	??	04h	
code:000096 0c	??	0Ch	
code:000096.1 94	??	94h	
code:000097 42	??	42h	B
code:000097.1 09	??	09h	
code:000098 0c	??	0Ch	
code:000098.1 94	??	94h	
code:000099 36	??	36h	6
code:000099.1 03	??	03h	
code:00009a 0c	??	0Ch	
code:00009a.1 94	??	94h	
code:00009b 07	??	07h	
code:00009b.1 03	??	03h	
code:00009c 0c	??	0Ch	
code:00009c.1 94	??	94h	
code:00009d ad	??	ADh	
code:00009d.1 04	??	04h	
code:00009e 0c	??	0Ch	
code:00009e.1 94	??	94h	
code:00009f 1e	??	1Eh	
code:00009f.1 03	??	03h	
code:0000a0 0c	??	0Ch	
code:0000a0.1 94	??	94h	
code:0000a1 0a	??	0Ah	
code:0000a1.1 03	??	03h	
code:0000a2 0c	??	0Ch	
code:0000a2.1 94	??	94h	
code:0000a3 e6	??	E6h	
code:0000a3.1 01	??	01h	
code:0000a4 0c	??	0Ch	
code:0000a4.1 94	??	94h	
code:0000a5 f5	??	F5h	
code:0000a5.1 02	??	02h	
code:0000a6 0c	??	0Ch	
code:0000a6.1 94	??	94h	
code:0000a7 4f	??	4Fh	O
code:0000a7.1 02	??	02h	
code:0000a8 0c	??	0Ch	
code:0000a8.1 94	??	94h	
code:0000a9 22	??	22h	"
code:0000a9.1 03	??	03h	
code:0000aa 0c	??	0Ch	
code:0000aa.1 94	??	94h	
code:0000ab b1	??	B1h	
code:0000ab.1 04	??	04h	
code:0000ac 0c	??	0Ch	
code:0000ac.1 94	??	94h	
code:0000ad ff	??	FFh	
code:0000ad.1 02	??	02h	
code:0000ae 2f	??	2Fh	/
code:0000ae.1 0a	??	0Ah	
code:0000af 00	??	00h	
code:0000af.1 23	??	23h	#
code:0000b0 00	??	00h	
code:0000b0.1 23	??	23h	#
code:0000b1 00	??	00h	
code:0000b1.1 23	??	23h	#
code:0000b2 00	??	00h	
code:0000b2.1 5c 23 23	ds	"\####RealSimGear#"	
23 23 52			
65 61 6c ...			
code:0000bc 00	??	00h	
code:0000bc.1 21	??	21h	!
code:0000bd 00	??	00h	
code:0000bd.1 24	??	24h	\$
code:0000be 00	??	00h	
code:0000be.1 27	??	27h	'
code:0000bf 00	??	00h	
code:0000bf.1 2a	??	2Ah	*
code:0000c0 00	??	00h	
code:0000c0.1 2d	??	2Dh	-



code:0000c1 00	??	00h	
code:0000c1.1 30	??	30h	0
code:0000c2 00	??	00h	
code:0000c2.1 33	??	33h	3
code:0000c3 00	??	00h	
code:0000c3.1 01	??	01h	
code:0000c4 01	??	01h	
code:0000c4.1 00	??	00h	
code:0000c5 00	??	00h	
code:0000c5.1 04	??	04h	
code:0000c6 01	??	01h	
code:0000c6.1 07	??	07h	
code:0000c7 01	??	01h	
code:0000c7.1 0a	??	0Ah	
code:0000c8 01	??	01h	
code:0000c8.1 00	??	00h	
code:0000c9 00	??	00h	
code:0000c9.1 22	??	22h	"
code:0000ca 00	??	00h	
code:0000ca.1 25	??	25h	%
code:0000cb 00	??	00h	
code:0000cb.1 28	??	28h	(
code:0000cc 00	??	00h	
code:0000cc.1 2b	??	2Bh	+
code:0000cd 00	??	00h	
code:0000cd.1 2e	??	2Eh	.
code:0000ce 00	??	00h	
code:0000ce.1 31	??	31h	1
code:0000cf 00	??	00h	
code:0000cf.1 34	??	34h	4
code:0000d0 00	??	00h	
code:0000d0.1 02	??	02h	
code:0000d1 01	??	01h	
code:0000d1.1 00	??	00h	
code:0000d2 00	??	00h	
code:0000d2.1 05	??	05h	
code:0000d3 01	??	01h	
code:0000d3.1 08	??	08h	
code:0000d4 01	??	01h	
code:0000d4.1 0b	??	0Bh	
code:0000d5 01	??	01h	
code:0000d5.1 00	??	00h	
code:0000d6 00	??	00h	
code:0000d6.1 20	??	20h	
code:0000d7 00	??	00h	
code:0000d7.1 23	??	23h	#
code:0000d8 00	??	00h	
code:0000d8.1 26	??	26h	&
code:0000d9 00	??	00h	
code:0000d9.1 29	??	29h	)
code:0000da 00	??	00h	
code:0000da.1 2c	??	2Ch	,
code:0000db 00	??	00h	
code:0000db.1 2f	??	2Fh	/
code:0000dc 00	??	00h	
code:0000dc.1 32	??	32h	2
code:0000dd 00	??	00h	
code:0000dd.1 00	??	00h	
code:0000de 01	??	01h	
code:0000de.1 00	??	00h	
code:0000df 00	??	00h	
code:0000df.1 03	??	03h	
code:0000e0 01	??	01h	
code:0000e0.1 06	??	06h	
code:0000e1 01	??	01h	
code:0000e1.1 09	??	09h	
code:0000e2 01	??	01h	
code:0000e2.1 05	??	05h	
code:0000e3 05	??	05h	
code:0000e3.1 05	??	05h	
code:0000e4 05	??	05h	
code:0000e4.1 07	??	07h	
code:0000e5 05	??	05h	
code:0000e5.1 08	??	08h	
code:0000e6 08	??	08h	
code:0000e6.1 08	??	08h	
code:0000e7 08	??	08h	
code:0000e7.1 02	??	02h	
code:0000e8 02	??	02h	
code:0000e8.1 02	??	02h	
code:0000e9 02	??	02h	
code:0000e9.1 0a	??	0Ah	
code:0000ea 0a	??	0Ah	
code:0000ea.1 08	??	08h	
code:0000eb 08	??	08h	
code:0000eb.1 04	??	04h	
code:0000ec 04	??	04h	
code:0000ec.1 04	??	04h	
code:0000ed 04	??	04h	

code:0000ed.1 01	??	01h	
code:0000ee 01	??	01h	
code:0000ee.1 01	??	01h	
code:0000ef 01	??	01h	
code:0000ef.1 01	??	01h	
code:0000f0 01	??	01h	
code:0000f0.1 01	??	01h	
code:0000f1 01	??	01h	
code:0000f1.1 03	??	03h	
code:0000f2 03	??	03h	
code:0000f2.1 03	??	03h	
code:0000f3 03	??	03h	
code:0000f3.1 03	??	03h	
code:0000f4 03	??	03h	
code:0000f4.1 03	??	03h	
code:0000f5 03	??	03h	
code:0000f5.1 04	??	04h	
code:0000f6 07	??	07h	
code:0000f6.1 07	??	07h	
code:0000f7 07	??	07h	
code:0000f7.1 0c	??	0Ch	
code:0000f8 0c	??	0Ch	
code:0000f8.1 0c	??	0Ch	
code:0000f9 0c	??	0Ch	
code:0000f9.1 0c	??	0Ch	
code:0000fa 0c	??	0Ch	
code:0000fa.1 0c	??	0Ch	
code:0000fb 0c	??	0Ch	
code:0000fb.1 02	??	02h	
code:0000fc 02	??	02h	
code:0000fc.1 02	??	02h	
code:0000fd 02	??	02h	
code:0000fd.1 06	??	06h	
code:0000fe 06	??	06h	
code:0000fe.1 06	??	06h	
code:0000ff 06	??	06h	
code:0000ff.1 06	??	06h	
code:000100 06	??	06h	
code:000100.1 06	??	06h	
code:000101 06	??	06h	
code:000101.1 0b	??	0Bh	
code:000102 0b	??	0Bh	
code:000102.1 0b	??	0Bh	
code:000103 0b	??	0Bh	
code:000103.1 0b	??	0Bh	
code:000104 0b	??	0Bh	
code:000104.1 0b	??	0Bh	
code:000105 0b	??	0Bh	
code:000105.1 01	??	01h	
code:000106 02	??	02h	
code:000106.1 10	??	10h	
code:000107 20	??	20h	
code:000107.1 20	??	20h	
code:000108 08	??	08h	
code:000108.1 08	??	08h	
code:000109 10	??	10h	
code:000109.1 20	??	20h	
code:00010a 40	??	40h	e
code:00010a.1 10	??	10h	
code:00010b 20	??	20h	
code:00010b.1 40	??	40h	e
code:00010c 80	??	80h	
code:00010c.1 02	??	02h	
code:00010d 01	??	01h	
code:00010d.1 02	??	02h	
code:00010e 01	??	01h	
code:00010e.1 08	??	08h	
code:00010f 04	??	04h	
code:00010f.1 02	??	02h	
code:000110 01	??	01h	
code:000110.1 01	??	01h	
code:000111 02	??	02h	
code:000111.1 04	??	04h	
code:000112 08	??	08h	
code:000112.1 10	??	10h	
code:000113 20	??	20h	
code:000113.1 40	??	40h	e
code:000114 80	??	80h	
code:000114.1 80	??	80h	
code:000115 40	??	40h	e
code:000115.1 20	??	20h	
code:000116 10	??	10h	
code:000116.1 08	??	08h	
code:000117 04	??	04h	
code:000117.1 02	??	02h	
code:000118 01	??	01h	
code:000118.1 80	??	80h	
code:000119 04	??	04h	
code:000119.1 02	??	02h	

code:00011a 01	??	01h	
code:00011a.1 80	??	80h	
code:00011b 40	??	40h	e
code:00011b.1 20	??	20h	
code:00011c 10	??	10h	
code:00011c.1 08	??	08h	
code:00011d 04	??	04h	
code:00011d.1 02	??	02h	
code:00011e 01	??	01h	
code:00011e.1 08	??	08h	
code:00011f 04	??	04h	
code:00011f.1 02	??	02h	
code:000120 01	??	01h	
code:000120.1 01	??	01h	
code:000121 02	??	02h	
code:000121.1 04	??	04h	
code:000122 08	??	08h	
code:000122.1 10	??	10h	
code:000123 20	??	20h	
code:000123.1 40	??	40h	e
code:000124 80	??	80h	
code:000124.1 01	??	01h	
code:000125 02	??	02h	
code:000125.1 04	??	04h	
code:000126 08	??	08h	
code:000126.1 10	??	10h	
code:000127 20	??	20h	
code:000127.1 40	??	40h	e
code:000128 80	??	80h	
code:000128.1 00	??	00h	
code:000129 00	??	00h	
code:000129.1 0a	??	0Ah	
code:00012a 0b	??	0Bh	
code:00012a.1 02	??	02h	
code:00012b 09	??	09h	
code:00012b.1 0c	??	0Ch	
code:00012c 0d	??	0Dh	
code:00012c.1 0e	??	0Eh	
code:00012d 08	??	08h	
code:00012d.1 07	??	07h	
code:00012e 03	??	03h	
code:00012e.1 04	??	04h	
code:00012f 01	??	01h	
code:00012f.1 00	??	00h	
code:000130 00	??	00h	
code:000130.1 00	??	00h	
code:000131 00	??	00h	
code:000131.1 00	??	00h	
code:000132 00	??	00h	
code:000132.1 00	??	00h	
code:000133 00	??	00h	
code:000133.1 00	??	00h	
code:000134 00	??	00h	
code:000134.1 00	??	00h	
code:000135 00	??	00h	
code:000135.1 00	??	00h	
code:000136 00	??	00h	
code:000136.1 00	??	00h	
code:000137 00	??	00h	
code:000137.1 00	??	00h	
code:000138 00	??	00h	
code:000138.1 00	??	00h	
code:000139 00	??	00h	
code:000139.1 00	??	00h	
code:00013a 00	??	00h	
code:00013a.1 00	??	00h	
code:00013b 00	??	00h	
code:00013b.1 00	??	00h	
code:00013c 00	??	00h	
code:00013c.1 00	??	00h	
code:00013d 00	??	00h	
code:00013d.1 00	??	00h	
code:00013e 00	??	00h	
code:00013e.1 12	??	12h	
code:00013f 11	??	11h	
code:00013f.1 10	??	10h	
code:000140 00	??	00h	
code:000140.1 00	??	00h	
code:000141 00	??	00h	
code:000141.1 00	??	00h	
code:000142 00	??	00h	
code:000142.1 00	??	00h	
code:000143 00	??	00h	
code:000143.1 00	??	00h	
code:000144 00	??	00h	
code:000144.1 00	??	00h	
code:000145 00	??	00h	
code:000145.1 00	??	00h	
code:000146 00	??	00h	

```

code:000146.1 00      ??      00h
code:000147 00      ??      00h
code:000147.1 00      ??      00h
code:000148 00      ??      00h
code:000148.1 00      ??      00h
code:000149 00      ??      00h
code:000149.1 00      ??      00h
code:00014a 00      ??      00h
code:00014a.1 00      ??      00h
code:00014b 00      ??      00h
code:00014b.1 2f      ??      2Fh      /
code:00014c 0a      ??      0Ah
code:00014c.1 00      ??      00h
code:00014d 23      ??      23h      #
code:00014d.1 00      ??      00h
code:00014e 23      ??      23h      #
code:00014e.1 00      ??      00h
code:00014f 23      ??      23h      #
code:00014f.1 00      ??      00h
code:000150 5c 23 23      ds      "\\###RealSimGear#"
code:000150 23 23 52
code:000150 65 61 6c ...
code:000159 3d      ??      3Dh      =
code:000159.1 30      ??      30h      0
code:00015a 0a      ??      0Ah
code:00015a.1 00      ??      00h
code:00015b 3d      ??      3Dh      =
code:00015b.1 31      ??      31h      1
code:00015c 0a      ??      0Ah
code:00015c.1 00      ??      00h
code:00015d 0a      ??      0Ah
code:00015d.1 00      ??      00h
code:00015e 3d      ??      3Dh      =
code:00015e.1 30      ??      30h      0
code:00015f 0a      ??      0Ah
code:00015f.1 00      ??      00h
code:000160 3d      ??      3Dh      =
code:000160.1 31      ??      31h      1
code:000161 0a      ??      0Ah
code:000161.1 00      ??      00h
code:000162 3d      ??      3Dh      =
code:000162.1 30      ??      30h      0
code:000163 0a      ??      0Ah
code:000163.1 00      ??      00h
code:000164 3d      ??      3Dh      =
code:000164.1 31      ??      31h      1
code:000165 0a      ??      0Ah
code:000165.1 00      ??      00h
code:000166 3d      ??      3Dh      =
code:000166.1 30      ??      30h      0
code:000167 0a      ??      0Ah
code:000167.1 00      ??      00h
code:000168 3d      ??      3Dh      =
code:000168.1 31      ??      31h      1
code:000169 0a      ??      0Ah
code:000169.1 00      ??      00h
code:00016a 0a      ??      0Ah
code:00016a.1 00      ??      00h
code:00016b 0a      ??      0Ah
code:00016b.1 00      ??      00h
code:00016c 2f      ??      2Fh      /
code:00016c.1 0a      ??      0Ah
code:00016d 00      ??      00h
code:00016d.1 23      ??      23h      #
code:00016e 00      ??      00h
code:00016e.1 23      ??      23h      #
code:00016f 00      ??      00h
code:00016f.1 23      ??      23h      #
code:000170 00      ??      00h
code:000170.1 5c 23 23      ds      "\\###RealSimGear#"
code:000170 23 23 52
code:000170 65 61 6c ...
code:00017a 42      ??      42h      B
code:00017a.1 09      ??      09h
code:00017b c5      ??      C5h
code:00017b.1 0f      ??      0Fh

```

```

*****
*                               *
*                               *
*****

```

```

undefined FUN_code_00017c()
R24:1 <RETURN>
FUN_code_00017c                                XREF [1]:  RESET:000000(T), RESET:000000(j)
code:00017c 11 24      eor      R1,R1
code:00017d 1f be      out      SREG,R1
code:00017e cf ef      ser      Ylo
code:00017f d1 e2      ldi      Yhi,0x21
code:000180 de bf      out      SPH,Yhi
code:000181 cd bf      out      SPL,Ylo

```

```

code:000182 00 e0      ldi      R16,0x0
code:000183 0c bf      out      EIND,R16
code:000184 2b e0      ldi      R18,0xb
code:000185 aa e7      ldi      Xlo,0x7a
code:000186 b7 e0      ldi      Xhi,0x7
code:000187 01 c0      rjmp    LAB_code_000189

LAB_code_000188
code:000188 1d 92      st      X+=>DAT_mem_077a,R1      XREF [1]:  code:00018b(j)
                                           = ??

LAB_code_000189
code:000189 a0 3b      cpi      Xlo,0xb0
code:00018a b2 07      cpc      Xhi,R18
code:00018b e1 f7      brbc    LAB_code_000188,Zflg      XREF [1]:  code:000187(j)

__dc_copy_data
code:00018c 17 e0      ldi      R17,0x7
code:00018d a0 e0      ldi      Xlo,0x0
code:00018e b2 e0      ldi      Xhi,0x2
code:00018f ea ee      ldi      Zlo,0xea
code:000190 f4 e2      ldi      Zhi,0x24
code:000191 00 e0      ldi      R16,0x0
code:000192 0b bf      out      RAMPZ,R16
code:000193 02 c0      rjmp    LAB_code_000196

LAB_code_000194
code:000194 07 90      elpm    R0,Z+
code:000195 0d 92      st      X+=>DAT_mem_0200,R0      XREF [1]:  code:000198(j)
                                           = ??

LAB_code_000196
code:000196 aa 37      cpi      Xlo,0x7a
code:000197 b1 07      cpc      Xhi,R17
code:000198 d9 f7      brbc    LAB_code_000194,Zflg      XREF [1]:  code:000193(j)
code:000199 11 e0      ldi      R17,0x1
code:00019a cb e7      ldi      Ylo,0x7b
code:00019b d1 e0      ldi      Yhi,0x1
code:00019c 00 e0      ldi      R16,0x0
code:00019d 06 c0      rjmp    LAB_code_0001a4

LAB_code_00019e
code:00019e 21 97      sbiw    Y,0x1
code:00019f 01 09      sbc      R16,R1
code:0001a0 80 2f      mov      R24,R16
code:0001a1 fe 01      movw    Z,Y
code:0001a2 0e 94 38 10  call    FUN_code_001038      XREF [1]:  code:0001a8(j)
                                           undefinedFUN_code_001038 ()
                                           = ??

LAB_code_0001a4
code:0001a4 ca 37      cpi      Ylo,0x7a
code:0001a5 d1 07      cpc      Yhi,R17
code:0001a6 80 e0      ldi      R24,0x0
code:0001a7 08 07      cpc      R16,R24
code:0001a8 a9 f7      brbc    LAB_code_00019e,Zflg
code:0001a9 0e 94 e1 0a  call    FUN_code_000ae1      XREF [1]:  code:00019d(j)
                                           undefinedFUN_code_000ae1 ()
                                           = ??

code:0001ab 0c 94 63 12  jmp     FUN_code_001263      XREF [1]:  undefinedFUN_code_001263 ()
-- Flow Override: CALL_RETURN (CALL_TERMINATOR)

*****
*                               *
*                               *
*****
thunk undefined RESET()
  Thunked-Function: RESET
undefined R24:l1 <RETURN>
RESET      XREF [47]:  INT6:00000e(T), INT6:00000e(j),
                INT7:000010(T), INT7:000010(j),
                PCINT0:000012(T),
                PCINT0:000012(j),
                PCINT1:000014(T),
                PCINT1:000014(j),
                PCINT2:000016(T),
                PCINT2:000016(j),
                WDT:000018(T),
                WDT:000018(j),
                TIMER2_COMPA:00001a(T),
                TIMER2_COMPA:00001a(j),
                TIMER2_COMPB:00001c(T),
                TIMER2_COMPB:00001c(j),
                TIMER2_OVF:00001e(T),
                TIMER2_OVF:00001e(j),
                TIMER1_CAPT:000020(T),
                TIMER1_CAPT:000020(j), [more]

code:0001ad 0c 94 00 00  jmp     0x0=>RESET

```

```

*****
*                               *
*                               *
*****
undefined FUN_code_0001af()
R24:1      <RETURN>
undefined  FUN_code_0001af          XREF [3]:  FUN_code_0001dc:0001e4(c),
                                           FUN_code_0005b1:0005ec(c),
                                           FUN_code_000606:000613(c)

code:0001af af 92      push      R10
code:0001b0 bf 92      push      R11
code:0001b1 cf 92      push      R12
code:0001b2 df 92      push      R13
code:0001b3 ef 92      push      R14
code:0001b4 ff 92      push      R15
code:0001b5 0f 93      push      R16
code:0001b6 1f 93      push      R17
code:0001b7 cf 93      push      Y10
code:0001b8 df 93      push      Yhi
code:0001b9 6c 01      movw     R13R12,R25R24
code:0001ba 7b 01      movw     R15R14,R23R22
code:0001bb 8b 01      movw     R17R16,R23R22
code:0001bc 04 0f      add      R16,R20
code:0001bd 15 1f      adc      R17,R21
code:0001be eb 01      movw     Y,R23R22

LAB_code_0001bf          XREF [1]:  code:0001cf(j)
code:0001bf 5e 01      movw     R11R10,Y
code:0001c0 ae 18      sub      R10,R14
code:0001c1 bf 08      sbc      R11,R15
code:0001c2 c0 17      cp       Y10,R16
code:0001c3 d1 07      cpc     Yhi,R17
code:0001c4 59 f0      brbs    LAB_code_0001d0,Zflg
code:0001c5 69 91      ld       R22,Y+
code:0001c6 d6 01      movw     X,R13R12
code:0001c7 ed 91      ld       Z10,X+
code:0001c8 fc 91      ld       Zhi,X
code:0001c9 01 90      ld       R0,Z+
code:0001ca f0 81      ld       Zhi,Z
code:0001cb e0 2d      mov      Z10,R0
code:0001cc c6 01      movw     R25R24,R13R12
code:0001cd 19 95      eicall
code:0001ce 89 2b      or       R24,R25
code:0001cf 79 f7      brbc    LAB_code_0001bf,Zflg

LAB_code_0001d0          XREF [1]:  code:0001c4(j)
code:0001d0 c5 01      movw     R25R24,R11R10
code:0001d1 df 91      pop      Yhi
code:0001d2 cf 91      pop      Y10
code:0001d3 1f 91      pop      R17
code:0001d4 0f 91      pop      R16
code:0001d5 ff 90      pop      R15
code:0001d6 ef 90      pop      R14
code:0001d7 df 90      pop      R13
code:0001d8 cf 90      pop      R12
code:0001d9 bf 90      pop      R11
code:0001da af 90      pop      R10
code:0001db 08 95      ret

*****
*                               *
*                               *
*****
undefined FUN_code_0001dc()
R24:1      <RETURN>
undefined  FUN_code_0001dc          XREF [3]:  FUN_code_000618:000643(c),
                                           FUN_code_000ae1:000c31(c),
                                           FUN_code_000ae1:000d11(c)

code:0001dc ec ef      ldi      Z10,0xfc
code:0001dd f8 e0      ldi      Zhi,0x8
code:0001de 44 81      ldd     R20,Z+0x4=>DAT_mem_0900 = ??
code:0001df 55 81      ldd     R21,Z+0x5=>DAT_mem_0901 = ??
code:0001e0 60 81      ld       R22,Z=>DAT_mem_08fc = ??
code:0001e1 71 81      ldd     R23,Z+0x1=>DAT_mem_08fd = ??
code:0001e2 80 e5      ldi     R24,0x50
code:0001e3 98 e0      ldi     R25,0x8
code:0001e4 0c 94 af 01  jmp     FUN_code_0001af          undefined FUN_code_0001af()

-- Flow Override: CALL_RETURN (CALL_TERMINATOR)
code:0001e6 fc          ??      FCh
code:0001e6.1 01       ??      01h
code:0001e7 53          ??      53h  S
code:0001e7.1 8d       ??      8Dh
code:0001e8 44          ??      44h  D
code:0001e8.1 8d       ??      8Dh
code:0001e9 25          ??      25h  %
code:0001e9.1 2f       ??      2Fh  /
code:0001ea 30          ??      30h  0
code:0001ea.1 e0       ??      E0h
code:0001eb 84          ??      84h
code:0001eb.1 2f       ??      2Fh  /

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```

code:0001ec 90      ??      90h
code:0001ec.1 e0    ??      E0h
code:0001ed 82      ??      82h
code:0001ed.1 1b    ??      1Bh
code:0001ee 93      ??      93h
code:0001ee.1 0b    ??      0Bh
code:0001ef 54      ??      54h      T
code:0001ef.1 17    ??      17h
code:0001f0 10      ??      10h
code:0001f0.1 f0    ??      F0h
code:0001f1 cf      ??      CFh
code:0001f1.1 96    ??      96h
code:0001f2 08      ??      08h
code:0001f2.1 95    ??      95h
code:0001f3 01      ??      01h
code:0001f3.1 97    ??      97h
code:0001f4 08      ??      08h
code:0001f4.1 95    ??      95h

```

```

*****
*                               *
*                               *
*****

```

```

undefined FUN_code_0001f5()

```

```

undefined

```

```

R24:1      <RETURN>

```

```

XREF [1]:   FUN_code_000618:000625(c)

```

```

FUN_code_0001f5
code:0001f5 fc 01      movw    Z,R25R24
code:0001f6 91 8d      ldd     R25,Z+0x19
code:0001f7 82 8d      ldd     R24,Z+0x1a
code:0001f8 98 17      cp      R25,R24
code:0001f9 61 f0      brbs   LAB_code_000206,Zflg
code:0001fa a2 8d      ldd     X10,Z+0x1a
code:0001fb ae 0f      add     X10,Z10
code:0001fc bf 2f      mov     Xhi,Zhi
code:0001fd b1 1d      adc     Xhi,R1
code:0001fe 5d 96      adiw   X,0x1d
code:0001ff 8c 91      ld      R24,X
code:000200 92 8d      ldd     R25,Z+0x1a
code:000201 9f 5f      subi   R25,0xff
code:000202 9f 73      andi   R25,0x3f
code:000203 92 8f      std     Z+0x1a,R25
code:000204 90 e0      ldi    R25,0x0
code:000205 08 95      ret

```

```

LAB_code_000206

```

```

XREF [1]:   code:0001f9(j)

```

```

code:000206 8f ef      ser     R24
code:000207 9f ef      ser     R25
code:000208 08 95      ret
code:000209 fc      ??      FCh
code:000209.1 01    ??      01h
code:00020a 91      ??      91h
code:00020a.1 8d    ??      8Dh
code:00020b 82      ??      82h
code:00020b.1 8d    ??      8Dh
code:00020c 98      ??      98h
code:00020c.1 17    ??      17h
code:00020d 31      ??      31h      1
code:00020d.1 f0    ??      F0h
code:00020e 82      ??      82h
code:00020e.1 8d    ??      8Dh
code:00020f e8      ??      E8h
code:00020f.1 0f    ??      0Fh
code:000210 f1      ??      F1h
code:000210.1 1d    ??      1Dh
code:000211 85      ??      85h
code:000211.1 8d    ??      8Dh
code:000212 90      ??      90h
code:000212.1 e0    ??      E0h
code:000213 08      ??      08h
code:000213.1 95    ??      95h
code:000214 8f      ??      8Fh
code:000214.1 ef    ??      EFh
code:000215 9f      ??      9Fh
code:000215.1 ef    ??      EFh
code:000216 08      ??      08h
code:000216.1 95    ??      95h

```

```

*****
*                               *
*                               *
*****

```

```

undefined FUN_code_000217()

```

```

undefined

```

```

R24:1      <RETURN>

```

```

XREF [2]:   FUN_code_000223:000225(c),
            FUN_code_000618:00061e(c)

```

```

FUN_code_000217
code:000217 fc 01      movw    Z,R25R24
code:000218 91 8d      ldd     R25,Z+0x19
code:000219 22 8d      ldd     R18,Z+0x1a
code:00021a 89 2f      mov     R24,R25
code:00021b 90 e0      ldi    R25,0x0
code:00021c 80 5c      subi   R24,0xc0

```

```

code:00021d 9f 4f      sbci      R25,0xff
code:00021e 82 1b      sub       R24,R18
code:00021f 91 09      sbc       R25,R1
code:000220 8f 73      andi     R24,0x3f
code:000221 99 27      eor      R25,R25
code:000222 08 95      ret

*****
*                               *
*                               *
*****
undefined FUN_code_000223()
    R24:1      <RETURN>
undefined FUN_code_000223
XREF [1]:     FUN_code_000681:000681(c)
code:000223 80 e5      ldi      R24,0x50
code:000224 98 e0      ldi      R25,0x8
code:000225 0e 94 17 02 call     FUN_code_000217      undefined FUN_code_000217 ()
code:000227 21 e0      ldi      R18,0x1
code:000228 89 2b      or       R24,R25
code:000229 09 f4      brbc    LAB_code_00022b,zflg
code:00022a 20 e0      ldi      R18,0x0

LAB_code_00022b
XREF [1]:     code:000229(j)
code:00022b 82 2f      mov     R24,R18
code:00022c 08 95      ret

*****
*                               *
*                               *
*****
undefined FUN_code_00022d()
    R24:1      <RETURN>
undefined FUN_code_00022d
XREF [3]:     FUN_code_00024f:00028a(c),
              FUN_code_0002b7:0002d1(c),
              FUN_code_000790:0007a5(c)
code:00022d fc 01      movw    Z,R25R24
code:00022e a4 8d      ldd     X10,Z+0x1c
code:00022f a8 0f      add     X10,R24
code:000230 b9 2f      mov     Xhi,R25
code:000231 b1 1d      adc     Xhi,R1
code:000232 a3 5a      subi   X10,0xa3
code:000233 bf 4f      sbci   Xhi,0xff
code:000234 2c 91      ld     R18,X
code:000235 84 8d      ldd     R24,Z+0x1c
code:000236 90 e0      ldi     R25,0x0
code:000237 01 96      adiw   R25R24,0x1
code:000238 8f 73      andi   R24,0x3f
code:000239 99 27      eor    R25,R25
code:00023a 84 8f      std    Z+0x1c,R24
code:00023b a6 89      ldd     X10,Z+0x16
code:00023c b7 89      ldd     Xhi,Z+0x17
code:00023d 2c 93      st     X,R18
code:00023e a0 89      ldd     X10,Z+0x10
code:00023f b1 89      ldd     Xhi,Z+0x11
code:000240 8c 91      ld     R24,X
code:000241 83 70      andi   R24,0x3
code:000242 80 64      ori    R24,0x40
code:000243 8c 93      st     X,R24
code:000244 93 8d      ldd     R25,Z+0x1b
code:000245 84 8d      ldd     R24,Z+0x1c
code:000246 98 13      cpse   R25,R24
code:000247 06 c0      rjmp   LAB_code_00024e
code:000248 02 88      ldd     R0,Z+0x12
code:000249 f3 89      ldd     Zhi,Z+0x13
code:00024a e0 2d      mov    Z10,R0
code:00024b 80 81      ld     R24,Z
code:00024c 8f 7d      andi   R24,0xdf
code:00024d 80 83      st     Z,R24

LAB_code_00024e
XREF [1]:     code:000247(j)
code:00024e 08 95      ret

*****
*                               *
*                               *
*****
undefined FUN_code_00024f()
    R24:1      <RETURN>
undefined FUN_code_00024f
XREF [1]:     FUN_code_00029c:0002ab(c)
code:00024f ef 92      push   R14
code:000250 ff 92      push   R15
code:000251 0f 93      push   R16
code:000252 1f 93      push   R17
code:000253 cf 93      push   Y10
code:000254 df 93      push   Yhi
code:000255 ec 01      movw   Y,R25R24
code:000256 81 e0      ldi    R24,0x1
code:000257 88 8f      std    Y+0x18,R24
code:000258 9b 8d      ldd    R25,Y+0x1b
code:000259 8c 8d      ldd    R24,Y+0x1c
code:00025a 98 13      cpse   R25,R24
code:00025b 1a c0      rjmp   LAB_code_000276

```



```

code:00025c e8 89      ldd      Z10,Y+0x10
code:00025d f9 89      ldd      Zhi,Y+0x11
code:00025e 80 81      ld       R24,Z
code:00025f 85 ff      sbrs    R24,0x5
code:000260 15 c0      rjmp    LAB_code_000276
code:000261 9f b7      in      R25,SREG
code:000262 f8 94      cli
code:000263 ee 89      ldd      Z10,Y+0x16
code:000264 ff 89      ldd      Zhi,Y+0x17
code:000265 60 83      st      Z,R22
code:000266 e8 89      ldd      Z10,Y+0x10
code:000267 f9 89      ldd      Zhi,Y+0x11
code:000268 80 81      ld       R24,Z
code:000269 83 70      andi    R24,0x3
code:00026a 80 64      ori     R24,0x40

```

LAB\_code\_00026b

XREF [1]: code:00029b(j)

```

code:00026b 80 83      st      Z,R24
code:00026c 9f bf      out     SREG,R25
code:00026d 81 e0      ldi     R24,0x1
code:00026e 90 e0      ldi     R25,0x0
code:00026f df 91      pop     Yhi
code:000270 cf 91      pop     Ylo
code:000271 1f 91      pop     R17
code:000272 0f 91      pop     R16
code:000273 ff 90      pop     R15
code:000274 ef 90      pop     R14
code:000275 08 95      ret

```

LAB\_code\_000276

XREF [2]: code:00025b(j), code:000260(j)

```

code:000276 f6 2e      mov     R15,R22
code:000277 0b 8d      ldd     R16,Y+0x1b
code:000278 10 e0      ldi     R17,0x0
code:000279 0f 5f      subi   R16,0xff
code:00027a 1f 4f      sbci   R17,0xff
code:00027b 0f 73      andi   R16,0x3f
code:00027c 11 27      eor    R17,R17
code:00027d e0 2e      mov     R14,R16

```

LAB\_code\_00027e

XREF [3]: code:000283(j), code:000288(j), code:00028c(j)

```

code:00027e 8c 8d      ldd     R24,Y+0x1c
code:00027f 8e 11      cpse   R24,R14
code:000280 0c c0      rjmp   LAB_code_00028d
code:000281 0f b6      in     R0,SREG
code:000282 07 fc      sbrc   R0,0x7
code:000283 fa cf      rjmp   LAB_code_00027e
code:000284 e8 89      ldd     Z10,Y+0x10
code:000285 f9 89      ldd     Zhi,Y+0x11
code:000286 80 81      ld      R24,Z
code:000287 85 ff      sbrs   R24,0x5
code:000288 f5 cf      rjmp   LAB_code_00027e
code:000289 ce 01      movw   R25R24,Y
code:00028a 0e 94 2d 02  call   FUN_code_00022d
code:00028c f1 cf      rjmp   LAB_code_00027e

```

undefined FUN\_code\_00022d()

LAB\_code\_00028d

XREF [1]: code:000280(j)

```

code:00028d eb 8d      ldd     Z10,Y+0x1b
code:00028e ec 0f      add    Z10,Ylo
code:00028f fd 2f      mov    Zhi,Yhi
code:000290 f1 1d      adc    Zhi,R1
code:000291 e3 5a      subi   Z10,0xa3
code:000292 ff 4f      sbci   Zhi,0xff
code:000293 f0 82      st     Z,R15
code:000294 9f b7      in     R25,SREG
code:000295 f8 94      cli
code:000296 0b 8f      std   Y+0x1b,R16
code:000297 ea 89      ldd     Z10,Y+0x12
code:000298 fb 89      ldd     Zhi,Y+0x13
code:000299 80 81      ld      R24,Z
code:00029a 80 62      ori   R24,0x20
code:00029b cf cf      rjmp   LAB_code_00026b

```

```

*****
*                               FUNCTION                               *
*****
undefined FUN_code_00029c()
R24:1 <RETURN>
undefined FUN_code_00029c XREF [21]: FUN_code_000618:00062b(c),
FUN_code_000618:000633(c),
FUN_code_000618:000639(c),
FUN_code_000618:000641(c),
FUN_code_000618:000647(c),
FUN_code_000ae1:000c19(c),
FUN_code_000ae1:000c21(c),
FUN_code_000ae1:000c27(c),
FUN_code_000ae1:000c2f(c),
FUN_code_000ae1:000c35(c),
FUN_code_000ae1:000cf9(c),
FUN_code_000ae1:000d01(c),
FUN_code_000ae1:000d07(c),
FUN_code_000ae1:000d0f(c),
FUN_code_000ae1:000d15(c),
FUN_code_000ae1:000d71(c),
FUN_code_000ae1:000e6a(c),
FUN_code_000ae1:000e96(c),
FUN_code_000ae1:000eb9(c),
FUN_code_000ae1:000ef1(c), [more]

code:00029c 0f 93      push      R16
code:00029d 1f 93      push      R17
code:00029e cf 93      push      Ylo
code:00029f df 93      push      Yhi
code:0002a0 8c 01      movw     R17R16,R25R24
code:0002a1 d0 e0      ldi      Yhi,0x0
code:0002a2 c0 e0      ldi      Ylo,0x0

LAB_code_0002a3 XREF [1]: code:0002b0(j)
code:0002a3 f8 01      movw     Z,R17R16
code:0002a4 ec 0f      add      Zlo,Ylo
code:0002a5 fd 1f      adc      Zhi,Yhi
code:0002a6 64 91      lpm      R22,Z
code:0002a7 66 23      and      R22,R22
code:0002a8 41 f0      brbs    LAB_code_0002b1,Zflg
code:0002a9 80 e5      ldi      R24,0x50
code:0002aa 98 e0      ldi      R25,0x8
code:0002ab 0e 94 4f 02  call    FUN_code_00024f
undefined FUN_code_00024f()
= ??

code:0002ad 89 2b      or       R24,R25
code:0002ae 11 f0      brbs    LAB_code_0002b1,Zflg
code:0002af 21 96      adiw    Y,0x1
code:0002b0 f2 cf      rjmp   LAB_code_0002a3

LAB_code_0002b1 XREF [2]: code:0002a8(j), code:0002ae(j)
code:0002b1 ce 01      movw     R25R24,Y
code:0002b2 df 91      pop      Yhi
code:0002b3 cf 91      pop      Ylo
code:0002b4 1f 91      pop      R17
code:0002b5 0f 91      pop      R16
code:0002b6 08 95      ret

*****
*                               FUNCTION                               *
*****
undefined FUN_code_0002b7()
R24:1 <RETURN>
undefined FUN_code_0002b7
code:0002b7 cf 93      push     Ylo
code:0002b8 df 93      push     Yhi
code:0002b9 ec 01      movw     Y,R25R24
code:0002ba 88 8d      ldd      R24,Y+0x18
code:0002bb 88 23      and      R24,R24
code:0002bc b9 f0      brbs    LAB_code_0002d4,Zflg

LAB_code_0002bd XREF [2]: code:0002cf(j), code:0002d3(j)
code:0002bd aa 89      ldd      Xlo,Y+0x12
code:0002be bb 89      ldd      Xhi,Y+0x13

LAB_code_0002bf XREF [1]: code:0002cc(j)
code:0002bf e8 89      ldd      Zlo,Y+0x10
code:0002c0 f9 89      ldd      Zhi,Y+0x11

LAB_code_0002c1 XREF [1]: code:0002c9(j)
code:0002c1 8c 91      ld       R24,X
code:0002c2 85 fd      sbrc    R24,0x5
code:0002c3 03 c0      rjmp   LAB_code_0002c7
code:0002c4 80 81      ld      R24,Z
code:0002c5 86 fd      sbrc    R24,0x6
code:0002c6 0d c0      rjmp   LAB_code_0002d4

LAB_code_0002c7 XREF [1]: code:0002c3(j)
code:0002c7 0f b6      in      R0,SREG

```

```

code:0002c8 07 fc      sbrc      R0,0x7
code:0002c9 f7 cf      rjmp     LAB_code_0002c1
code:0002ca 8c 91      ld       R24,X
code:0002cb 85 ff      sbrs    R24,0x5
code:0002cc f2 cf      rjmp     LAB_code_0002bf
code:0002cd 80 81      ld       R24,Z
code:0002ce 85 ff      sbrs    R24,0x5
code:0002cf ed cf      rjmp     LAB_code_0002bd
code:0002d0 ce 01      movw    R25R24,Y
code:0002d1 0e 94 2d 02     call    FUN_code_00022d      undefinedFUN_code_00022d()
code:0002d3 e9 cf      rjmp     LAB_code_0002bd

LAB_code_0002d4                                XREF [2]:  code:0002bc(j), code:0002c6(j)
code:0002d4 df 91      pop     Yhi
code:0002d5 cf 91      pop     Ylo
code:0002d6 08 95      ret

*****
*                               *
*                               *
*                               *
*****
undefined FUN_code_0002d7()
R24:1      <RETURN>
undefined FUN_code_0002d7                                XREF [2]:  FUN_code_00033e:000351(c),
FUN_code_0002d7                                FUN_code_000367:00037c(c)

code:0002d7 81 50      subi    R24,0x1
code:0002d8 82 31      cpi    R24,0x12
code:0002d9 08 f0      brbs   LAB_code_0002db,Cf1g
code:0002da 5a c0      rjmp     LAB_code_000335

LAB_code_0002db                                XREF [1]:  code:0002d9(j)
code:0002db e8 2f      mov     Z10,R24
code:0002dc f0 e0      ldi    Zhi,0x0
code:0002dd 88 27      eor    R24,R24
code:0002de ed 51      subi   Z10,0x1d
code:0002df fd 4f      sbci   Zhi,0xffd
code:0002e0 8f 4f      sbci   R24,0xff
code:0002e1 0c 94 38 10     jmp     FUN_code_001038      undefinedFUN_code_001038()

-- Flow Override: CALL_RETURN (CALL_TERMINATOR)
code:0002e3 03      ??     03h
code:0002e3.1 03      ??     03h
code:0002e4 07      ??     07h
code:0002e4.1 03      ??     03h
code:0002e5 f5      ??     F5h
code:0002e5.1 02      ??     02h
code:0002e6 fb      ??     FBh
code:0002e6.1 02      ??     02h
code:0002e7 ff      ??     FFh
code:0002e7.1 02      ??     02h
code:0002e8 35      ??     35h      5
code:0002e8.1 03      ??     03h
code:0002e9 0a      ??     0Ah
code:0002e9.1 03      ??     03h
code:0002ea 10      ??     10h
code:0002ea.1 03      ??     03h
code:0002eb 14      ??     14h
code:0002eb.1 03      ??     03h
code:0002ec 1a      ??     1Ah
code:0002ec.1 03      ??     03h
code:0002ed 1e      ??     1Eh
code:0002ed.1 03      ??     03h
code:0002ee 22      ??     22h      "
code:0002ee.1 03      ??     03h
code:0002ef 28      ??     28h      (
code:0002ef.1 03      ??     03h
code:0002f0 2c      ??     2Ch      ,
code:0002f0.1 03      ??     03h
code:0002f1 35      ??     35h      5
code:0002f1.1 03      ??     03h
code:0002f2 30      ??     30h      0
code:0002f2.1 03      ??     03h
code:0002f3 36      ??     36h      6
code:0002f3.1 03      ??     03h
code:0002f4 3a      ??     3Ah      :
code:0002f4.1 03      ??     03h
code:0002f5 80      ??     80h
code:0002f5.1 91      ??     91h
code:0002f6 80      ??     80h
code:0002f6.1 00      ??     00h
code:0002f7 8f      ??     8Fh
code:0002f7.1 77      ??     77h      w
code:0002f8 80      ??     80h
code:0002f8.1 93      ??     93h
code:0002f9 80      ??     80h
code:0002f9.1 00      ??     00h
code:0002fa 08      ??     08h
code:0002fa.1 95      ??     95h
code:0002fb 80      ??     80h
code:0002fb.1 91      ??     91h
code:0002fc 80      ??     80h

```

code:0002fc.1 00	??	00h	
code:0002fd 8f	??	8Fh	
code:0002fd.1 7d	??	7Dh	}
code:0002fe f9	??	F9h	
code:0002fe.1 cf	??	CFh	
code:0002ff 80	??	80h	
code:0002ff.1 91	??	91h	
code:000300 80	??	80h	
code:000300.1 00	??	00h	
code:000301 87	??	87h	
code:000301.1 7f	??	7Fh	
code:000302 f5	??	F5h	
code:000302.1 cf	??	CFh	
code:000303 84	??	84h	
code:000303.1 b5	??	B5h	
code:000304 8f	??	8Fh	
code:000304.1 77	??	77h	w
code:000305 84	??	84h	
code:000305.1 bd	??	BDh	
code:000306 08	??	08h	
code:000306.1 95	??	95h	
code:000307 84	??	84h	
code:000307.1 b5	??	B5h	
code:000308 8f	??	8Fh	
code:000308.1 7d	??	7Dh	}
code:000309 fb	??	FBh	
code:000309.1 cf	??	CFh	
code:00030a 80	??	80h	
code:00030a.1 91	??	91h	
code:00030b b0	??	B0h	
code:00030b.1 00	??	00h	
code:00030c 8f	??	8Fh	
code:00030c.1 77	??	77h	w
code:00030d 80	??	80h	
code:00030d.1 93	??	93h	
code:00030e b0	??	B0h	
code:00030e.1 00	??	00h	
code:00030f 08	??	08h	
code:00030f.1 95	??	95h	
code:000310 80	??	80h	
code:000310.1 91	??	91h	
code:000311 b0	??	B0h	
code:000311.1 00	??	00h	
code:000312 8f	??	8Fh	
code:000312.1 7d	??	7Dh	}
code:000313 f9	??	F9h	
code:000313.1 cf	??	CFh	
code:000314 80	??	80h	
code:000314.1 91	??	91h	
code:000315 90	??	90h	
code:000315.1 00	??	00h	
code:000316 8f	??	8Fh	
code:000316.1 77	??	77h	w
code:000317 80	??	80h	
code:000317.1 93	??	93h	
code:000318 90	??	90h	
code:000318.1 00	??	00h	
code:000319 08	??	08h	
code:000319.1 95	??	95h	
code:00031a 80	??	80h	
code:00031a.1 91	??	91h	
code:00031b 90	??	90h	
code:00031b.1 00	??	00h	
code:00031c 8f	??	8Fh	
code:00031c.1 7d	??	7Dh	}
code:00031d f9	??	F9h	
code:00031d.1 cf	??	CFh	
code:00031e 80	??	80h	
code:00031e.1 91	??	91h	
code:00031f 90	??	90h	
code:00031f.1 00	??	00h	
code:000320 87	??	87h	
code:000320.1 7f	??	7Fh	
code:000321 f5	??	F5h	
code:000321.1 cf	??	CFh	
code:000322 80	??	80h	
code:000322.1 91	??	91h	
code:000323 a0	??	A0h	
code:000323.1 00	??	00h	
code:000324 8f	??	8Fh	
code:000324.1 77	??	77h	w
code:000325 80	??	80h	
code:000325.1 93	??	93h	
code:000326 a0	??	A0h	
code:000326.1 00	??	00h	
code:000327 08	??	08h	
code:000327.1 95	??	95h	
code:000328 80	??	80h	
code:000328.1 91	??	91h	

```

code:000329 a0      ??      A0h
code:000329.1 00    ??      00h
code:00032a 8f      ??      8Fh
code:00032a.1 7d      ??      7Dh   }
code:00032b f9      ??      F9h
code:00032b.1 cf      ??      CFh
code:00032c 80      ??      80h
code:00032c.1 91      ??      91h
code:00032d a0      ??      A0h
code:00032d.1 00      ??      00h
code:00032e 87      ??      87h
code:00032e.1 7f      ??      7Fh
code:00032f f5      ??      F5h
code:00032f.1 cf      ??      CFh
code:000330 80      ??      80h
code:000330.1 91      ??      91h
code:000331 20      ??      20h
code:000331.1 01      ??      01h
code:000332 8f      ??      8Fh
code:000332.1 77      ??      77h   w
code:000333 80      ??      80h
code:000333.1 93      ??      93h
code:000334 20      ??      20h
code:000334.1 01      ??      01h

```

LAB\_code\_000335

XREF [1]: code:0002da(j)

```

code:000335 08 95    ret
code:000336 80      ??      80h
code:000336.1 91      ??      91h
code:000337 20      ??      20h
code:000337.1 01      ??      01h
code:000338 8f      ??      8Fh
code:000338.1 7d      ??      7Dh   }
code:000339 f9      ??      F9h
code:000339.1 cf      ??      CFh
code:00033a 80      ??      80h
code:00033a.1 91      ??      91h
code:00033b 20      ??      20h
code:00033b.1 01      ??      01h
code:00033c 87      ??      87h
code:00033c.1 7f      ??      7Fh
code:00033d f5      ??      F5h
code:00033d.1 cf      ??      CFh

```

```

*****
*                               *
*                               *
*****

```

undefined FUN\_code\_00033e()

undefined R24:1 <RETURN>

XREF [1]: FUN\_code\_00043f:00049%(c)

```

code:00033e cf 93    push    Ylo
code:00033f df 93    push    Yhi
code:000340 28 2f    mov     R18,R24
code:000341 30 e0    ldi    R19,0x0
code:000342 f9 01    movw   Z,R19R18
code:000343 ef 5a    subi   Zlo,0xaf
code:000344 fd 4f    sbci   Zhi,0xfd
code:000345 84 91    lpm    R24,Z
code:000346 f9 01    movw   Z,R19R18
code:000347 e5 5f    subi   Zlo,0xf5
code:000348 fd 4f    sbci   Zhi,0xfd
code:000349 d4 91    lpm    Yhi,Z
code:00034a f9 01    movw   Z,R19R18
code:00034b eb 53    subi   Zlo,0x3b
code:00034c fe 4f    sbci   Zhi,0xfe
code:00034d c4 91    lpm    Ylo,Z
code:00034e cc 23    and    Ylo,Ylo
code:00034f a1 f0    brbs   LAB_code_000364,Zflg
code:000350 81 11    cpse   R24,R1
code:000351 0e 94 d7 02 call    FUN_code_0002d7
code:000353 ec 2f    mov     Zlo,Ylo
code:000354 f0 e0    ldi    Zhi,0x0
code:000355 ee 0f    add    Zlo,Zlo
code:000356 ff 1f    adc    Zhi,Zhi
code:000357 e5 55    subi   Zlo,0x55
code:000358 fe 4f    sbci   Zhi,0xfe
code:000359 a5 91    lpm    Xlo,Z+
code:00035a b4 91    lpm    Xhi,Z
code:00035b ec 91    ld     Zlo,X
code:00035c ed 23    and    Zlo,Yhi
code:00035d 81 e0    ldi    R24,0x1
code:00035e 90 e0    ldi    R25,0x0
code:00035f 09 f4    brbc   LAB_code_000361,Zflg
code:000360 80 e0    ldi    R24,0x0

```

undefined FUN\_code\_0002d7 ()

LAB\_code\_000361

XREF [2]: code:00035f(j), code:000366(j)

```

code:000361 df 91    pop     Yhi
code:000362 cf 91    pop     Ylo
code:000363 08 95    ret

```

```

code:000364 80 e0      LAB_code_000364          XREF [1]:  code:00034f(j)
                    ldi      R24,0x0
code:000365 90 e0      ldi      R25,0x0
code:000366 fa cf      rjmp    LAB_code_000361

*****
*                      FUNCTION                      *
*****
undefined FUN_code_000367()
R24:l      <RETURN>
FUN_code_000367          XREF [5]:  FUN_code_00043f:000461(c),
                    FUN_code_000618:000661(c),
                    FUN_code_0006ae:0006fa(c),
                    FUN_code_000ae1:000cbf(c),
                    FUN_code_000ae1:000cd2(c)

code:000367 1f 93      push    R17
code:000368 cf 93      push    Y10
code:000369 df 93      push    Yhi
code:00036a 28 2f      mov     R18,R24
code:00036b 30 e0      ldi    R19,0x0
code:00036c f9 01      movw   Z,R19R18
code:00036d ef 5a      subi   Z10,0xaf
code:00036e fd 4f      sbci   Zhi,0xfd
code:00036f 04 91      lpm    R24,Z
code:000370 f9 01      movw   Z,R19R18
code:000371 e5 5f      subi   Z10,0xf5
code:000372 fd 4f      sbci   Zhi,0xfd
code:000373 d4 91      lpm    Yhi,Z
code:000374 f9 01      movw   Z,R19R18
code:000375 eb 53      subi   Z10,0x3b
code:000376 fe 4f      sbci   Zhi,0xfe
code:000377 c4 91      lpm    Y10,Z
code:000378 cc 23      and    Y10,Y10
code:000379 a9 f0      brbs   LAB_code_00038f,Zflg
code:00037a 16 2f      mov     R17,R22
code:00037b 81 11      cpse   R24,R1
code:00037c 0e 94 d7 02  call   FUN_code_0002d7          undefined FUN_code_0002d7 ()
code:00037e ec 2f      mov     Z10,Y10
code:00037f f0 e0      ldi    Zhi,0x0
code:000380 ee 0f      add    Z10,Z10
code:000381 ff 1f      adc    Zhi,Zhi
code:000382 ef 56      subi   Z10,0x6f
code:000383 fe 4f      sbci   Zhi,0xfe
code:000384 a5 91      lpm    X10,Z+
code:000385 b4 91      lpm    Xhi,Z
code:000386 8f b7      in     R24,SREG
code:000387 f8 94      cli
code:000388 ec 91      ld     Z10,X
code:000389 11 11      cpse   R17,R1
code:00038a 08 c0      rjmp   LAB_code_000393
code:00038b d0 95      com    Yhi
code:00038c de 23      and    Yhi,Z10

LAB_code_00038d          XREF [1]:  code:000394(j)
code:00038d dc 93      st     X,Yhi
code:00038e 8f bf      out    SREG,R24

LAB_code_00038f          XREF [1]:  code:000379(j)
code:00038f df 91      pop    Yhi
code:000390 cf 91      pop    Y10
code:000391 1f 91      pop    R17
code:000392 08 95      ret

LAB_code_000393          XREF [1]:  code:00038a(j)
code:000393 de 2b      or     Yhi,Z10
code:000394 f8 cf      rjmp   LAB_code_00038d

*****
*                      FUNCTION                      *
*****
undefined FUN_code_000395()
R24:l      <RETURN>
FUN_code_000395          XREF [6]:  FUN_code_000557:000560(c),
                    FUN_code_000557:000564(c),
                    FUN_code_0006ae:0006e0(c),
                    FUN_code_0006ae:0006fe(c),
                    FUN_code_0006ae:000705(c),
                    FUN_code_000ae1:000cb0(c)

code:000395 cf 93      push    Y10
code:000396 df 93      push    Yhi
code:000397 90 e0      ldi    R25,0x0
code:000398 fc 01      movw   Z,R25R24
code:000399 e5 5f      subi   Z10,0xf5
code:00039a fd 4f      sbci   Zhi,0xfd
code:00039b 24 91      lpm    R18,Z
code:00039c 8b 53      subi   R24,0x3b
code:00039d 9e 4f      sbci   R25,0xfe
code:00039e fc 01      movw   Z,R25R24

```

```

code:00039f 84 91      lpm      R24,Z
code:0003a0 88 23      and      R24,R24
code:0003a1 c9 f0      brbs    LAB_code_0003bb,Zflg
code:0003a2 90 e0      ldi     R25,0x0
code:0003a3 88 0f      add     R24,R24
code:0003a4 99 1f      adc     R25,R25
code:0003a5 fc 01      movw   Z,R25R24
code:0003a6 e9 58      subi   Z10,0x89
code:0003a7 fe 4f      sbci   Zhi,0xfe
code:0003a8 a5 91      lpm    X10,Z+
code:0003a9 b4 91      lpm    Xhi,Z
code:0003aa fc 01      movw   Z,R25R24
code:0003ab ef 56      subi   Z10,0x6f
code:0003ac fe 4f      sbci   Zhi,0xfe
code:0003ad c5 91      lpm    Y10,Z+
code:0003ae d4 91      lpm    Yhi,Z
code:0003af 61 11      cpse   R22,R1
code:0003b0 0d c0      rjmp   LAB_code_0003be
code:0003b1 9f b7      in     R25,SREG
code:0003b2 f8 94      cli
code:0003b3 8c 91      ld     R24,X
code:0003b4 20 95      com    R18
code:0003b5 82 23      and    R24,R18
code:0003b6 8c 93      st     X,R24
code:0003b7 88 81      ld     R24,Y
code:0003b8 28 23      and    R18,R24

LAB_code_0003b9                                XREF [1]:  code:0003c9(j)
code:0003b9 28 83      st     Y,R18
code:0003ba 9f bf      out    SREG,R25

LAB_code_0003bb                                XREF [2]:  code:0003a1(j), code:0003d0(j)
code:0003bb df 91      pop    Yhi
code:0003bc cf 91      pop    Y10
code:0003bd 08 95      ret

LAB_code_0003be                                XREF [1]:  code:0003b0(j)
code:0003be 62 30      cpi    R22,0x2
code:0003bf 51 f4      brbc   LAB_code_0003ca,Zflg
code:0003c0 9f b7      in     R25,SREG
code:0003c1 f8 94      cli
code:0003c2 3c 91      ld     R19,X
code:0003c3 82 2f      mov    R24,R18
code:0003c4 80 95      com    R24
code:0003c5 83 23      and    R24,R19
code:0003c6 8c 93      st     X,R24
code:0003c7 e8 81      ld     Z10,Y
code:0003c8 2e 2b      or     R18,Z10
code:0003c9 ef cf      rjmp   LAB_code_0003b9

LAB_code_0003ca                                XREF [1]:  code:0003bf(j)
code:0003ca 8f b7      in     R24,SREG
code:0003cb f8 94      cli
code:0003cc ec 91      ld     Z10,X
code:0003cd 2e 2b      or     R18,Z10
code:0003ce 2c 93      st     X,R18
code:0003cf 8f bf      out    SREG,R24
code:0003d0 ea cf      rjmp   LAB_code_0003bb

*****
*                               *
*****
undefined FUN_code_0003d1()
R24:1      <RETURN>
undefined FUN_code_0003d1                                XREF [2]:  FUN_code_0003f6:000400(c),
FUN_code_0003d1                                FUN_code_0003f6:000404(c)

code:0003d1 3f b7      in     R19,SREG
code:0003d2 f8 94      cli
code:0003d3 80 91 f1 07  lds    R24,DAT_mem_07f1      = ??
code:0003d5 90 91 f2 07  lds    R25,DAT_mem_07f2      = ??
code:0003d7 a0 91 f3 07  lds    X10,DAT_mem_07f3      = ??
code:0003d9 b0 91 f4 07  lds    Xhi,DAT_mem_07f4      = ??
code:0003db 26 b5      in     R18,TCNT0             = ??
code:0003dc a8 9b      sbis   TIFR0,0x0             = ??
code:0003dd 05 c0      rjmp   LAB_code_0003e3
code:0003de 2f 3f      cpi    R18,0xff
code:0003df 19 f0      brbs   LAB_code_0003e3,Zflg
code:0003e0 01 96      adiw   R25R24,0x1
code:0003e1 a1 1d      adc    X10,R1
code:0003e2 b1 1d      adc    Xhi,R1

LAB_code_0003e3                                XREF [2]:  code:0003dd(j), code:0003df(j)
code:0003e3 3f bf      out    SREG,R19
code:0003e4 ba 2f      mov    Xhi,X10
code:0003e5 a9 2f      mov    X10,R25
code:0003e6 98 2f      mov    R25,R24
code:0003e7 88 27      eor    R24,R24
code:0003e8 bc 01      movw   R23R22,R25R24
code:0003e9 cd 01      movw   R25R24,X

```

```

code:0003ea 62 0f      add     R22,R18
code:0003eb 71 1d      adc     R23,R1
code:0003ec 81 1d      adc     R24,R1
code:0003ed 91 1d      adc     R25,R1
code:0003ee 42 e0      ldi    R20,0x2

LAB_code_0003ef
code:0003ef 66 0f      add     R22,R22
code:0003f0 77 1f      adc     R23,R23
code:0003f1 88 1f      adc     R24,R24
code:0003f2 99 1f      adc     R25,R25
code:0003f3 4a 95      dec     R20
code:0003f4 d1 f7      brbc   LAB_code_0003ef,zflg
code:0003f5 08 95      ret

*****
*                               *
*                               *
*****
undefined FUN_code_0003f6()
R24:l      <RETURN>
FUN_code_0003f6
XREF [5]:  FUN_code_000ae1:000ba0(c),
           FUN_code_000ae1:000cc9(c),
           FUN_code_000ae1:000e45(c),
           FUN_code_000ae1:000ef7(c),
           FUN_code_000ae1:000f97(c)

code:0003f6 8f 92      push   R8
code:0003f7 9f 92      push   R9
code:0003f8 af 92      push   R10
code:0003f9 bf 92      push   R11
code:0003fa cf 92      push   R12
code:0003fb df 92      push   R13
code:0003fc ef 92      push   R14
code:0003fd ff 92      push   R15
code:0003fe 4b 01      movw   R9R8,R23R22
code:0003ff 5c 01      movw   R11R10,R25R24
code:000400 0e 94 d1 03  call   FUN_code_0003d1
code:000402 6b 01      movw   R13R12,R23R22
code:000403 7c 01      movw   R15R14,R25R24
                                undefined FUN_code_0003d1 ()

LAB_code_000404
code:000404 0e 94 d1 03  call   FUN_code_0003d1
code:000406 6c 19      sub    R22,R12
code:000407 7d 09      sbc    R23,R13
code:000408 8e 09      sbc    R24,R14
code:000409 9f 09      sbc    R25,R15
code:00040a 68 3e      cpi    R22,0xe8
code:00040b 73 40      sbci   R23,0x3
code:00040c 81 05      cpc    R24,R1
code:00040d 91 05      cpc    R25,R1
code:00040e a8 f3      brbs   LAB_code_000404,Cflg
code:00040f 21 e0      ldi    R18,0x1
code:000410 82 1a      sub    R8,R18
code:000411 91 08      sbc    R9,R1
code:000412 a1 08      sbc    R10,R1
code:000413 b1 08      sbc    R11,R1
code:000414 88 ee      ldi    R24,0xe8
code:000415 c8 0e      add    R12,R24
code:000416 83 e0      ldi    R24,0x3
code:000417 d8 1e      adc    R13,R24
code:000418 e1 1c      adc    R14,R1
code:000419 f1 1c      adc    R15,R1
code:00041a 81 14      cp     R8,R1
code:00041b 91 04      cpc    R9,R1
code:00041c a1 04      cpc    R10,R1
code:00041d b1 04      cpc    R11,R1
code:00041e 29 f7      brbc   LAB_code_000404,zflg
code:00041f ff 90      pop    R15
code:000420 ef 90      pop    R14
code:000421 df 90      pop    R13
code:000422 cf 90      pop    R12
code:000423 bf 90      pop    R11
code:000424 af 90      pop    R10
code:000425 9f 90      pop    R9
code:000426 8f 90      pop    R8
code:000427 08 95      ret

*****
*                               *
*                               *
*****
undefined FUN_code_000428()
R24:l      <RETURN>
FUN_code_000428
XREF [7]:  FUN_code_000ae1:000c82(c),
           FUN_code_000ae1:000cd8(c),
           FUN_code_000ae1:000da9(c),
           FUN_code_000ae1:000f26(c),
           FUN_code_000ae1:000f4a(c),
           FUN_code_000ae1:000f5a(c),
           FUN_code_000ae1:000f6c(c)

code:000428 2f b7      in     R18,SREG

```



```

code:000429 f8 94      cli
code:00042a 60 91 ed 07  lds      R22,DAT_mem_07ed    = ??
code:00042c 70 91 ee 07  lds      R23,DAT_mem_07ee    = ??
code:00042e 80 91 ef 07  lds      R24,DAT_mem_07ef    = ??
code:000430 90 91 f0 07  lds      R25,DAT_mem_07f0    = ??
code:000432 2f bf      out     SREG,R18
code:000433 08 95      ret
code:000434 fc          ??      FCh
code:000434.1 01      ??      01h
code:000435 84          ??      84h
code:000435.1 81      ??      81h
code:000436 87          ??      87h
code:000436.1 fd      ??      FDh
code:000437 05          ??      05h
code:000437.1 c0      ??      C0h
code:000438 91          ??      91h
code:000438.1 e0      ??      E0h
code:000439 69          ??      69h    i
code:000439.1 27      ??      27h    '
code:00043a 63          ??      63h    c
code:00043a.1 83      ??      83h
code:00043b 0e          ??      0Eh
code:00043b.1 94      ??      94h
code:00043c 67          ??      67h    g
code:00043c.1 03      ??      03h
code:00043d 80          ??      80h
code:00043d.1 e0      ??      E0h
code:00043e 08          ??      08h
code:00043e.1 95      ??      95h

```

```

*****
*                               *
*                               *
*****

```

```

undefined FUN_code_00043f()
undefined      R24:1      <RETURN>
FUN_code_00043f      XREF [4]:      FUN_code_000ae1:000c3f(c),
                        FUN_code_000ae1:000c4f(c),
                        FUN_code_000ae1:000e51(c),
                        FUN_code_000ae1:000e7d(c)

```

```

code:00043f ef 92      push    R14
code:000440 ff 92      push    R15
code:000441 1f 93      push    R17
code:000442 cf 93      push    Y10
code:000443 df 93      push    Y11
code:000444 ec 01      movw   Y,R25R24
code:000445 e6 2e      mov    R14,R22
code:000446 06 2e      mov    R0,R22
code:000447 00 0c      add    R0,R0
code:000448 ff 08      sbc    R15,R15
code:000449 8a 81      ldd   R24,Y+0x2
code:00044a 08 2e      mov    R0,R24
code:00044b 00 0c      add    R0,R0
code:00044c 99 0b      sbc    R25,R25
code:00044d e8 16      cp     R14,R24
code:00044e f9 06      cpc   R15,R25
code:00044f a9 f0      brbs  LAB_code_000465,Zflg
code:000450 6a 83      std   Y+0x2,R22
code:000451 10 e0      ldi   R17,0x0

```

```

LAB_code_000452      XREF [1]:      code:000464(j)

```

```

code:000452 89 85      ldd   R24,Y+0x9
code:000453 18 17      cp     R17,R24
code:000454 80 f4      brbc  LAB_code_000465,Cflg
code:000455 b7 01      movw  R23R22,R15R14
code:000456 01 2e      mov    R0,R17
code:000457 02 c0      rjmp  LAB_code_00045a

```

```

LAB_code_000458      XREF [1]:      code:00045b(j)

```

```

code:000458 75 95      asr   R23
code:000459 67 95      ror   R22

```

```

LAB_code_00045a      XREF [1]:      code:000457(j)

```

```

code:00045a 0a 94      dec   R0
code:00045b e2 f7      brbc  LAB_code_000458,Nflg
code:00045c 61 70      andi  R22,0x1
code:00045d fe 01      movw  Z,Y
code:00045e e1 0f      add   Z10,R17
code:00045f f1 1d      adc   Z11,R1
code:000460 85 81      ldd   R24,Z+0x5
code:000461 0e 94 67 03  call  FUN_code_000367      undefined FUN_code_000367 ()
code:000463 1f 5f      subi  R17,0xff
code:000464 ed cf      rjmp  LAB_code_000452

```

```

LAB_code_000465      XREF [2]:      code:00044f(j), code:000454(j)

```

```

code:000465 8c 85      ldd   R24,Y+0xc
code:000466 88 23      and   R24,R24
code:000467 29 f0      brbs  LAB_code_000464,Zflg
code:000468 81 30      cpi   R24,0x1
code:000469 49 f1      brbs  LAB_code_000493,Zflg

```

```

code:00046a 8f ef      ser      R24
code:00046b 9f ef      ser      R25
code:00046c 20 c0      rjmp    LAB_code_00048d

LAB_code_00046d
code:00046d 8b 85      ldd     R24,Y+0xb
code:00046e 86 33      cpi     R24,0x36
code:00046f 08 f0      brbs   LAB_code_000471,Cflg
code:000470 86 53      subi   R24,0x36

LAB_code_000471
code:000471 20 91 7b 00    lds     R18,ADCSRB
code:000473 98 2f      mov     R25,R24
code:000474 98 70      andi   R25,0x8
code:000475 27 7f      andi   R18,0xf7
code:000476 92 2b      or     R25,R18
code:000477 90 93 7b 00    sts     ADCSRB,R25
code:000479 87 70      andi   R24,0x7
code:00047a 80 64      ori    R24,0x40
code:00047b 80 93 7c 00    sts     ADMUX,R24
code:00047d 80 91 7a 00    lds     R24,ADCSRA
code:00047f 80 64      ori    R24,0x40
code:000480 80 93 7a 00    sts     ADCSRA,R24

LAB_code_000482
code:000482 80 91 7a 00    lds     R24,ADCSRA
code:000484 86 fd      sbrc   R24,0x6
code:000485 fc cf      rjmp   LAB_code_000482
code:000486 90 91 78 00    lds     R25,ADCL
code:000488 80 91 79 00    lds     R24,ADCH
code:00048a 89 27      eor    R24,R25
code:00048b 98 27      eor    R25,R24
code:00048c 89 27      eor    R24,R25

LAB_code_00048d
code:00048d df 91      pop    Yhi
code:00048e cf 91      pop    Ylo
code:00048f 1f 91      pop    R17
code:000490 ff 90      pop    R15
code:000491 ef 90      pop    R14
code:000492 08 95      ret

LAB_code_000493
code:000493 8b 85      ldd     R24,Y+0xb
code:000494 df 91      pop    Yhi
code:000495 cf 91      pop    Ylo
code:000496 1f 91      pop    R17
code:000497 ff 90      pop    R15
code:000498 ef 90      pop    R14
code:000499 0c 94 3e 03    jmp     FUN_code_00033e

-- Flow Override: CALL_RETURN (CALL_TERMINATOR)

*****
*                               *
*                               *
*****
undefined FUN_code_00049b()
R24:l <RETURN>
FUN_code_00049b
code:00049b fc 01      movw   Z,R25R24
code:00049c 80 85      ldd     R24,Z+0x8
code:00049d 80 fd      sbrc   R24,0x0
code:00049e 04 c0      rjmp   LAB_code_0004a3
code:00049f 82 fb      bst     R24,0x2
code:0004a0 88 27      eor    R24,R24
code:0004a1 80 f9      bld    R24,0x0
code:0004a2 08 95      ret

LAB_code_0004a3
code:0004a3 80 e0      ldi    R24,0x0
code:0004a4 08 95      ret

*****
*                               *
*                               *
*****
undefined FUN_code_0004a5()
R24:l <RETURN>
FUN_code_0004a5
code:0004a5 fc 01      movw   Z,R25R24
code:0004a6 90 85      ldd     R25,Z+0x8
code:0004a7 95 70      andi   R25,0x5
code:0004a8 81 e0      ldi    R24,0x1
code:0004a9 95 30      cpi    R25,0x5
code:0004aa 09 f0      brbs   LAB_code_0004ac,Zflg
code:0004ab 80 e0      ldi    R24,0x0

```

XREF [1]: code:000467(j)

XREF [1]: code:00046f(j)

XREF [1]: code:000485(j)

XREF [1]: code:00046c(j)

XREF [1]: code:000469(j)

XREF [3]: FUN\_code\_000ae1:000db9(c),  
FUN\_code\_000ae1:000e2e(c),  
FUN\_code\_000ae1:000f8b(c)

XREF [1]: code:00049e(j)

XREF [3]: FUN\_code\_000ae1:000db9(c),  
FUN\_code\_000ae1:000e37(c),  
FUN\_code\_000ae1:000fb8(c)

```

LAB_code_0004ac                                XREF [1]:  code:0004aa(j)
code:0004ac 08 95      ret
code:0004ad 86        ??      86h
code:0004ad.1 2f      ??      2Fh  /
code:0004ae 64        ??      64h  d
code:0004ae.1 2f      ??      2Fh  /
code:0004af 0c        ??      0Ch
code:0004af.1 94      ??      94h
code:0004b0 95        ??      95h
code:0004b0.1 03      ??      03h
code:0004b1 fc        ??      FCh
code:0004b1.1 01      ??      01h
code:0004b2 81        ??      81h
code:0004b2.1 89      ??      89h
code:0004b3 0e        ??      0Eh
code:0004b3.1 94      ??      94h
code:0004b4 3e        ??      3Eh  >
code:0004b4.1 03      ??      03h
code:0004b5 21        ??      21h  !
code:0004b5.1 e0      ??      E0h
code:0004b6 89        ??      89h
code:0004b6.1 2b      ??      2Bh  +
code:0004b7 09        ??      09h
code:0004b7.1 f4      ??      F4h
code:0004b8 20        ??      20h
code:0004b8.1 e0      ??      E0h
code:0004b9 82        ??      82h
code:0004b9.1 2f      ??      2Fh  /
code:0004ba 08        ??      08h
code:0004ba.1 95      ??      95h

```

```

*****
*                               FUNCTION                               *
*****

```

```

undefined FUN_code_0004bb()
R24:1      <RETURN>
FUN_code_0004bb                                XREF [7]:  FUN_code_0004fd:000505(c),
                                                FUN_code_00083a:000851(c),
                                                FUN_code_000866:00087d(c),
                                                FUN_code_000892:0008a9(c),
                                                FUN_code_0008be:0008d5(c),
                                                FUN_code_0008ea:000901(c),
                                                FUN_code_000916:00092d(c)

```

```

code:0004bb dc 01      movw   X,R25R24
code:0004bc ed 91      ld     Z1o,X+
code:0004bd fd 91      ld     Zhi,X+
code:0004be 80 81      ld     R24,Z
code:0004bf ed 91      ld     Z1o,X+
code:0004c0 fd 91      ld     Zhi,X+
code:0004c1 90 81      ld     R25,Z
code:0004c2 ed 91      ld     Z1o,X+
code:0004c3 fd 91      ld     Zhi,X+
code:0004c4 6c 91      ld     R22,X
code:0004c5 63 70      andi   R22,0x3
code:0004c6 8e 23      and    R24,Z1o
code:0004c7 09 f0      brbs  LAB_code_0004c9,Zf1g
code:0004c8 64 60      ori   R22,0x4

```

```

LAB_code_0004c9                                XREF [1]:  code:0004c7(j)

```

```

code:0004c9 9f 23      and    R25,Zhi
code:0004ca 09 f0      brbs  LAB_code_0004cc,Zf1g
code:0004cb 68 60      ori   R22,0x8

```

```

LAB_code_0004cc                                XREF [1]:  code:0004ca(j)

```

```

code:0004cc e8 ed      ldi   Z1o,0xd8
code:0004cd f4 e0      ldi   Zhi,0x4
code:0004ce e6 0f      add   Z1o,R22
code:0004cf f1 1d      adc   Zhi,R1
code:0004d0 65 95      asr   R22
code:0004d1 65 95      asr   R22
code:0004d2 6d 93      st    X+,R22
code:0004d3 6d 91      ld    R22,X+
code:0004d4 7d 91      ld    R23,X+
code:0004d5 8d 91      ld    R24,X+
code:0004d6 9d 91      ld    R25,X+
code:0004d7 09 94      ijmp
code:0004d8 23        ??      23h  #
code:0004d8.1 c0      ??      C0h
code:0004d9 1a        ??      1Ah
code:0004d9.1 c0      ??      C0h
code:0004da 12        ??      12h
code:0004da.1 c0      ??      C0h
code:0004db 16        ??      16h
code:0004db.1 c0      ??      C0h
code:0004dc 10        ??      10h
code:0004dc.1 c0      ??      C0h
code:0004dd 1e        ??      1Eh
code:0004dd.1 c0      ??      C0h

```

```

code:0004de 09      ??      09h
code:0004de.1 c0    ??      C0h
code:0004df 14      ??      14h
code:0004df.1 c0    ??      C0h
code:0004e0 13      ??      13h
code:0004e0.1 c0    ??      C0h
code:0004e1 06      ??      06h
code:0004e1.1 c0    ??      C0h
code:0004e2 19      ??      19h
code:0004e2.1 c0    ??      C0h
code:0004e3 09      ??      09h
code:0004e3.1 c0    ??      C0h
code:0004e4 0d      ??      0Dh
code:0004e4.1 c0    ??      C0h
code:0004e5 07      ??      07h
code:0004e5.1 c0    ??      C0h
code:0004e6 0d      ??      0Dh
code:0004e6.1 c0    ??      C0h
code:0004e7 14      ??      14h
code:0004e7.1 c0    ??      C0h
code:0004e8 62      ??      62h  b
code:0004e8.1 50    ??      50h  P
code:0004e9 70      ??      70h  p
code:0004e9.1 40    ??      40h  @
code:0004ea 80      ??      80h
code:0004ea.1 40    ??      40h  @
code:0004eb 90      ??      90h
code:0004eb.1 40    ??      40h  @
code:0004ec 0b      ??      0Bh
code:0004ec.1 c0    ??      C0h
code:0004ed 61      ??      61h  a
code:0004ed.1 50    ??      50h  P
code:0004ee 70      ??      70h  p
code:0004ee.1 40    ??      40h  @
code:0004ef 80      ??      80h
code:0004ef.1 40    ??      40h  @
code:0004f0 90      ??      90h
code:0004f0.1 40    ??      40h  @
code:0004f1 06      ??      06h
code:0004f1.1 c0    ??      C0h
code:0004f2 6e      ??      6Eh  n
code:0004f2.1 5f    ??      5Fh  _
code:0004f3 01      ??      01h
code:0004f3.1 c0    ??      C0h
code:0004f4 6f      ??      6Fh  o
code:0004f4.1 5f    ??      5Fh  _
code:0004f5 7f      ??      7Fh
code:0004f5.1 4f    ??      4Fh  O
code:0004f6 8f      ??      8Fh
code:0004f6.1 4f    ??      4Fh  O
code:0004f7 9f      ??      9Fh
code:0004f7.1 4f    ??      4Fh  O
code:0004f8 9e      ??      9Eh
code:0004f8.1 93    ??      93h
code:0004f9 8e      ??      8Eh
code:0004f9.1 93    ??      93h
code:0004fa 7e      ??      7Eh  ~
code:0004fa.1 93    ??      93h
code:0004fb 6e      ??      6Eh  n
code:0004fb.1 93    ??      93h
code:0004fc 08      ??      08h
code:0004fc.1 95    ??      95h

```

```

*****
*                               FUNCTION                               *
*****

```

```

undefined FUN_code_0004fd()
R24:1 <RETURN>
FUN_code_0004fd                                XREF[3]:  FUN_code_000ae1:000c9f(c),
                                                FUN_code_000ae1:000d54(c),
                                                FUN_code_000ae1:000f11(c)

code:0004fd cf 93      push    Ylo
code:0004fe df 93      push    Yhi
code:0004ff ec 01      movw   Y,R25R24
code:000500 8b 85      ldd    R24,Y+0xb
code:000501 82 30      cpi    R24,0x2
code:000502 60 f4      brbc   LAB_code_00050f,Cflg
code:000503 f8 94      cli
code:000504 ce 01      movw   R25R24,Y
code:000505 0e 94 bb 04    call   FUN_code_0004bb                                undefinedFUN_code_0004bb()

LAB_code_000507                                XREF[1]:  code:000510(j)
code:000507 6f 81      ldd    R22,Y+0x7
code:000508 78 85      ldd    R23,Y+0x8
code:000509 89 85      ldd    R24,Y+0x9
code:00050a 9a 85      ldd    R25,Y+0xa
code:00050b 78 94      bset   Iflg
code:00050c df 91      pop    Yhi
code:00050d cf 91      pop    Ylo

```

```

code:00050e 08 95      ret

LAB_code_00050f      XREF[1]:      code:000502(j)
code:00050f f8 94      cli
code:000510 f6 cf      rjmp LAB_code_000507
code:000511 90      ??      90h
code:000511.1 e0      ??      E0h
code:000512 82      ??      82h
code:000512.1 30      ??      30h      0
code:000513 90      ??      90h
code:000513.1 f4      ??      F4h
code:000514 04      ??      04h
code:000514.1 96      ??      96h
code:000515 83      ??      83h
code:000515.1 30      ??      30h      0
code:000516 91      ??      91h
code:000516.1 05      ??      05h
code:000517 69      ??      69h      i
code:000517.1 f1      ??      F1h
code:000518 7c      ??      7Ch      |
code:000518.1 f4      ??      F4h
code:000519 81      ??      81h
code:000519.1 30      ??      30h      0
code:00051a 91      ??      91h
code:00051a.1 05      ??      05h
code:00051b c9      ??      C9h
code:00051b.1 f0      ??      F0h
code:00051c 02      ??      02h
code:00051c.1 97      ??      97h
code:00051d f9      ??      F9h
code:00051d.1 f0      ??      F0h
code:00051e 80      ??      80h
code:00051e.1 91      ??      91h
code:00051f 69      ??      69h      i
code:00051f.1 00      ??      00h
code:000520 8c      ??      8Ch
code:000520.1 7f      ??      7Fh
code:000521 81      ??      81h
code:000521.1 60      ??      60h      `
code:000522 80      ??      80h
code:000522.1 93      ??      93h
code:000523 69      ??      69h      i
code:000523.1 00      ??      00h
code:000524 e8      ??      E8h
code:000524.1 9a      ??      9Ah
code:000525 08      ??      08h
code:000525.1 95      ??      95h
code:000526 02      ??      02h
code:000526.1 97      ??      97h
code:000527 ed      ??      EDh
code:000527.1 cf      ??      CFh
code:000528 84      ??      84h
code:000528.1 30      ??      30h      0
code:000529 91      ??      91h
code:000529.1 05      ??      05h
code:00052a 11      ??      11h
code:00052a.1 f1      ??      F1h
code:00052b 05      ??      05h
code:00052b.1 97      ??      97h
code:00052c 89      ??      89h
code:00052c.1 f7      ??      F7h
code:00052d 80      ??      80h
code:00052d.1 91      ??      91h
code:00052e 6a      ??      6Ah      j
code:00052e.1 00      ??      00h
code:00052f 83      ??      83h
code:00052f.1 7f      ??      7Fh
code:000530 84      ??      84h
code:000530.1 60      ??      60h      `
code:000531 80      ??      80h
code:000531.1 93      ??      93h
code:000532 6a      ??      6Ah      j
code:000532.1 00      ??      00h
code:000533 ed      ??      EDh
code:000533.1 9a      ??      9Ah
code:000534 08      ??      08h
code:000534.1 95      ??      95h
code:000535 80      ??      80h
code:000535.1 91      ??      91h
code:000536 69      ??      69h      i
code:000536.1 00      ??      00h
code:000537 83      ??      83h
code:000537.1 7f      ??      7Fh
code:000538 84      ??      84h
code:000538.1 60      ??      60h      `
code:000539 80      ??      80h
code:000539.1 93      ??      93h
code:00053a 69      ??      69h      i
code:00053a.1 00      ??      00h

```

```

code:00053b e9      ??      E9h
code:00053b.1 9a      ??      9Ah
code:00053c 08      ??      08h
code:00053c.1 95      ??      95h
code:00053d 80      ??      80h
code:00053d.1 91      ??      91h
code:00053e 69      ??      69h   i
code:00053e.1 00      ??      00h
code:00053f 8f      ??      8Fh
code:00053f.1 7c      ??      7Ch   |
code:000540 80      ??      80h
code:000540.1 61      ??      61h   a
code:000541 80      ??      80h
code:000541.1 93      ??      93h
code:000542 69      ??      69h   i
code:000542.1 00      ??      00h
code:000543 ea      ??      EAh
code:000543.1 9a      ??      9Ah
code:000544 08      ??      08h
code:000544.1 95      ??      95h
code:000545 80      ??      80h
code:000545.1 91      ??      91h
code:000546 69      ??      69h   i
code:000546.1 00      ??      00h
code:000547 8f      ??      8Fh
code:000547.1 73      ??      73h   s
code:000548 80      ??      80h
code:000548.1 64      ??      64h   d
code:000549 80      ??      80h
code:000549.1 93      ??      93h
code:00054a 69      ??      69h   i
code:00054a.1 00      ??      00h
code:00054b eb      ??      EBh
code:00054b.1 9a      ??      9Ah
code:00054c 08      ??      08h
code:00054c.1 95      ??      95h
code:00054d 80      ??      80h
code:00054d.1 91      ??      91h
code:00054e 6a      ??      6Ah   j
code:00054e.1 00      ??      00h
code:00054f 8c      ??      8Ch
code:00054f.1 7f      ??      7Fh
code:000550 81      ??      81h
code:000550.1 60      ??      60h   `
code:000551 80      ??      80h
code:000551.1 93      ??      93h
code:000552 6a      ??      6Ah   j
code:000552.1 00      ??      00h
code:000553 ec      ??      ECh
code:000553.1 9a      ??      9Ah
code:000554 08      ??      08h
code:000554.1 95      ??      95h

```

```

*****
*                               FUNCTION                               *
*****

```

```

undefined FUN_code_000555()
R24:1 <RETURN>
undefined FUN_code_000555
XREF [2]: FUN_code_000557:0005a3(c),
          FUN_code_000557:0005a8(c)

```

```

code:000555 80 e0      ldi      R24,0x0
code:000556 08 95      ret

```

```

*****
*                               FUNCTION                               *
*****

```

```

undefined FUN_code_000557()
R24:1 <RETURN>
FUN_code_000557
code:000557 0f 93      push     R16
code:000558 1f 93      push     R17
code:000559 cf 93      push     Ylo
code:00055a df 93      push     Yhi
code:00055b ec 01      movw    Y,R25R24
code:00055c 06 2f      mov     R16,R22
code:00055d 14 2f      mov     R17,R20
code:00055e 62 e0      ldi     R22,0x2
code:00055f 80 2f      mov     R24,R16
code:000560 0e 94 95 03 call     FUN_code_000395
code:000562 62 e0      ldi     R22,0x2
code:000563 81 2f      mov     R24,R17
code:000564 0e 94 95 03 call     FUN_code_000395
code:000566 80 2f      mov     R24,R16
code:000567 90 e0      ldi     R25,0x0
code:000568 fc 01      movw    Z,R25R24
code:000569 eb 53      subi    Zlo,0x3b
code:00056a fe 4f      sbci    Zhi,0xfe
code:00056b e4 91      lpm     Zlo,Z
code:00056c f0 e0      ldi     Zhi,0x0

```

```

code:00056d ee 0f      add     Z10,Z10
code:00056e ff 1f      adc     Zhi,Zhi
code:00056f e5 55      subi   Z10,0x55
code:000570 fe 4f      sbci   Zhi,0xfe
code:000571 a5 91      lpm    X10,Z+
code:000572 b4 91      lpm    Xhi,Z
code:000573 b9 83      std    Y+0x1,Xhi
code:000574 a8 83      st     Y,X10
code:000575 fc 01      movw   Z,R25R24
code:000576 e5 5f      subi   Z10,0xf5
code:000577 fd 4f      sbci   Zhi,0xfd
code:000578 24 91      lpm    R18,Z
code:000579 2c 83      std    Y+0x4,R18
code:00057a 81 2f      mov    R24,R17
code:00057b 90 e0      ldi    R25,0x0
code:00057c fc 01      movw   Z,R25R24
code:00057d eb 53      subi   Z10,0x3b
code:00057e fe 4f      sbci   Zhi,0xfe
code:00057f e4 91      lpm    Z10,Z
code:000580 f0 e0      ldi    Zhi,0x0
code:000581 ee 0f      add     Z10,Z10
code:000582 ff 1f      adc     Zhi,Zhi
code:000583 e5 55      subi   Z10,0x55
code:000584 fe 4f      sbci   Zhi,0xfe
code:000585 45 91      lpm    R20,Z+
code:000586 54 91      lpm    R21,Z
code:000587 5b 83      std    Y+0x3,R21
code:000588 4a 83      std    Y+0x2,R20
code:000589 fc 01      movw   Z,R25R24
code:00058a e5 5f      subi   Z10,0xf5
code:00058b fd 4f      sbci   Zhi,0xfd
code:00058c e4 91      lpm    Z10,Z
code:00058d ed 83      std    Y+0x5,Z10
code:00058e 1f 82      std    Y+0x7,R1
code:00058f 18 86      std    Y+0x8,R1
code:000590 19 86      std    Y+0x9,R1
code:000591 1a 86      std    Y+0xa,R1
code:000592 8b e3      ldi    R24,0x3b
code:000593 9f e1      ldi    R25,0x1f

LAB_code_000594      XREF [1]:  code:000595(j)
code:000594 01 97      sbiw   R25R24,0x1
code:000595 f1 f7      brbc   LAB_code_000594,Zflg
code:000596 8c 91      ld     R24,X
code:000597 28 23      and    R18,R24
code:000598 91 e0      ldi    R25,0x1
code:000599 09 f4      brbc   LAB_code_00059b,Zflg
code:00059a 90 e0      ldi    R25,0x0

LAB_code_00059b      XREF [1]:  code:000599(j)
code:00059b da 01      movw   X,R21R20
code:00059c 8c 91      ld     R24,X
code:00059d e8 23      and    Z10,R24
code:00059e 09 f0      brbs   LAB_code_0005a0,Zflg
code:00059f 92 60      ori    R25,0x2

LAB_code_0005a0      XREF [1]:  code:00059e(j)
code:0005a0 9e 83      std    Y+0x6,R25
code:0005a1 be 01      movw   R23R22,Y
code:0005a2 80 2f      mov    R24,R16
code:0005a3 0e 94 55 05  call    FUN_code_000555      undefinedFUN_code_000555 ()
code:0005a5 08 2f      mov    R16,R24
code:0005a6 be 01      movw   R23R22,Y
code:0005a7 81 2f      mov    R24,R17
code:0005a8 0e 94 55 05  call    FUN_code_000555      undefinedFUN_code_000555 ()
code:0005aa 80 0f      add    R24,R16
code:0005ab 8b 87      std    Y+0xb,R24
code:0005ac df 91      pop    Yhi
code:0005ad cf 91      pop    Y10
code:0005ae 1f 91      pop    R17
code:0005af 0f 91      pop    R16
code:0005b0 08 95      ret

*****
*                               *
*                               *
*****
undefined FUN_code_0005b1()
R24:1      <RETURN>
undefined      FUN_code_0005b1      XREF [1]:  FUN_code_0005ff:000604(c)
code:0005b1 8f 92      push   R8
code:0005b2 9f 92      push   R9
code:0005b3 af 92      push   R10
code:0005b4 bf 92      push   R11
code:0005b5 0f 93      push   R16
code:0005b6 1f 93      push   R17
code:0005b7 cf 93      push   Y10
code:0005b8 df 93      push   Yhi
code:0005b9 cd b7      in     Y10,SPL
code:0005ba de b7      in     Yhi,SPH

```

```

code:0005bb a1 97      sbiw      Y,0x21
code:0005bc 0f b6      in        R0,SREG
code:0005bd f8 94      cli
code:0005be de bf      out      SPH,Yhi
code:0005bf 0f be      out      SREG,R0
code:0005c0 cd bf      out      SPL,Ylo
code:0005c1 19 a2      std      Y+0x21,R1
code:0005c2 42 30      cpi      R20,0x2
code:0005c3 08 f4      brbc     LAB_code_0005c5,Cflg
code:0005c4 4a e0      ldi      R20,0xa

LAB_code_0005c5                                XREF [1]:  code:0005c3(j)
code:0005c5 8e 01      movw     R17R16,Y
code:0005c6 0f 5d      subi     R16,0xdf
code:0005c7 1f 4f      sbci     R17,0xff
code:0005c8 84 2e      mov      R8,R20
code:0005c9 91 2c      mov      R9,R1
code:0005ca b1 2c      mov      R11,R1
code:0005cb a1 2c      mov      R10,R1

LAB_code_0005cc                                XREF [1]:  code:0005dc(j)
code:0005cc a5 01      movw     R21R20,R11R10
code:0005cd 94 01      movw     R19R18,R9R8
code:0005ce 0e 94 f7 0f  call     FUN_code_0005ff7
code:0005d0 e6 2f      mov      Zlo,R22
code:0005d1 b9 01      movw     R23R22,R19R18
code:0005d2 ca 01      movw     R25R24,R21R20
code:0005d3 ea 30      cpi      Zlo,0xa
code:0005d4 44 f5      brbc     LAB_code_0005fd,Sflg
code:0005d5 e0 5d      subi     Zlo,0xd0

LAB_code_0005d6                                XREF [1]:  code:0005fe(j)
code:0005d6 d8 01      movw     X,R17R16
code:0005d7 ee 93      st       -X,Zlo
code:0005d8 8d 01      movw     R17R16,X
code:0005d9 23 2b      or       R18,R19
code:0005da 24 2b      or       R18,R20
code:0005db 25 2b      or       R18,R21
code:0005dc 79 f7      brbc     LAB_code_0005cc,Zflg
code:0005dd 90 e0      ldi      R25,0x0
code:0005de 80 e0      ldi      R24,0x0
code:0005df 10 97      sbiw     X,0x0
code:0005e0 69 f0      brbs     LAB_code_0005ee,Zflg
code:0005e1 fd 01      movw     Z,X

LAB_code_0005e2                                XREF [1]:  code:0005e4(j)
code:0005e2 01 90      ld       R0,Z+
code:0005e3 00 20      and      R0,R0
code:0005e4 e9 f7      brbc     LAB_code_0005e2,Zflg
code:0005e5 31 97      sbiw     Z,0x1
code:0005e6 af 01      movw     R21R20,Z
code:0005e7 4a 1b      sub      R20,Xlo
code:0005e8 5b 0b      sbc      R21,Xhi
code:0005e9 bd 01      movw     R23R22,X
code:0005ea 80 e5      ldi      R24,0x50
code:0005eb 98 e0      ldi      R25,0x8
code:0005ec 0e 94 af 01  call     FUN_code_0001af
code:0005ec 0e 94 af 01  call     FUN_code_0001af

LAB_code_0005ee                                XREF [1]:  code:0005e0(j)
code:0005ee a1 96      adiw     Y,0x21
code:0005ef 0f b6      in        R0,SREG
code:0005f0 f8 94      cli
code:0005f1 de bf      out      SPH,Yhi
code:0005f2 0f be      out      SREG,R0
code:0005f3 cd bf      out      SPL,Ylo
code:0005f4 df 91      pop      Yhi
code:0005f5 cf 91      pop      Ylo
code:0005f6 1f 91      pop      R17
code:0005f7 0f 91      pop      R16
code:0005f8 bf 90      pop      R11
code:0005f9 af 90      pop      R10
code:0005fa 9f 90      pop      R9
code:0005fb 8f 90      pop      R8
code:0005fc 08 95      ret

LAB_code_0005fd                                XREF [1]:  code:0005d4(j)
code:0005fd e9 5c      subi     Zlo,0xc9
code:0005fe d7 cf      rjmp     LAB_code_0005d6

*****
*                               *
*****
undefined FUN_code_0005ff()
R24:1      <RETURN>
LAB_code_0005ff                                XREF [3]:  FUN_code_000618:000635(c),
                                                FUN_code_000ae1:000c23(c),
                                                FUN_code_000ae1:000d03(c)

code:0005ff 4a e0      ldi      R20,0xa
code:000600 61 e0      ldi      R22,0x1

```



```

code:000601 70 e0      ldi      R23,0x0
code:000602 80 e0      ldi      R24,0x0
code:000603 90 e0      ldi      R25,0x0
code:000604 0c 94 b1 05  jmp      FUN_code_0005b1      undefinedFUN_code_0005b1 ()
-- Flow Override: CALL_RETURN (CALL_TERMINATOR)

*****
*                               *
*                               *
*****
undefined FUN_code_000606()
R24:1      <RETURN>
FUN_code_000606      XREF [12]:  FUN_code_000618:00062f(c),
                                FUN_code_000618:00063d(c),
                                FUN_code_000ae1:000c1d(c),
                                FUN_code_000ae1:000c2b(c),
                                FUN_code_000ae1:000cf4(c),
                                FUN_code_000ae1:000d0b(c),
                                FUN_code_000ae1:000d6d(c),
                                FUN_code_000ae1:000e5f(c),
                                FUN_code_000ae1:000e8b(c),
                                FUN_code_000ae1:000ee6(c),
                                FUN_code_000ae1:000f21(c),
                                FUN_code_000ae1:000f88(c)

code:000606 00 97      sbiw     R25R24,0x0
code:000607 69 f0      brbs    LAB_code_000615,Zflg
code:000608 fc 01      movw    Z,R25R24

LAB_code_000609      XREF [1]:  code:00060b(j)
code:000609 01 90      ld      R0,Z+
code:00060a 00 20      and     R0,R0
code:00060b e9 f7      brbc    LAB_code_000609,Zflg
code:00060c 31 97      sbiw    Z,0x1
code:00060d af 01      movw    R21R20,Z
code:00060e 48 1b      sub     R20,R24
code:00060f 59 0b      sbc     R21,R25
code:000610 bc 01      movw    R23R22,R25R24
code:000611 80 e5      ldi     R24,0x50
code:000612 98 e0      ldi     R25,0x8
code:000613 0c 94 af 01  jmp     FUN_code_0001af      undefinedFUN_code_0001af ()
-- Flow Override: CALL_RETURN (CALL_TERMINATOR)

LAB_code_000615      XREF [1]:  code:000607(j)
code:000615 90 e0      ldi     R25,0x0
code:000616 80 e0      ldi     R24,0x0
code:000617 08 95      ret

*****
*                               *
*                               *
*****
undefined FUN_code_000618()
R24:1      <RETURN>
FUN_code_000618      XREF [1]:  FUN_code_000681:000684(c)

code:000618 0f 93      push    R16
code:000619 1f 93      push    R17
code:00061a cf 93      push    Y10
code:00061b df 93      push    Y11

LAB_code_00061c      XREF [3]:  code:000649(j), code:000650(j),
                                code:00067b(j)

code:00061c 80 e5      ldi     R24,0x50
code:00061d 98 e0      ldi     R25,0x8
code:00061e 0e 94 17 02  call    FUN_code_000217      undefinedFUN_code_000217 ()
code:000620 89 2b      or      R24,R25
code:000621 09 f4      brbc    LAB_code_000623,Zflg
code:000622 59 c0      rjmp   LAB_code_00067c

LAB_code_000623      XREF [1]:  code:000621(j)

code:000623 80 e5      ldi     R24,0x50
code:000624 98 e0      ldi     R25,0x8
code:000625 0e 94 f5 01  call    FUN_code_0001f5      undefinedFUN_code_0001f5 ()
code:000627 8c 37      cpi     R24,0x7c
code:000628 09 f5      brbc    LAB_code_00064a,Zflg
code:000629 85 e6      ldi     R24,0x65
code:00062a 91 e0      ldi     R25,0x1
code:00062b 0e 94 9c 02  call    FUN_code_00029c      undefinedFUN_code_00029c ()
code:00062d 82 e3      ldi     R24,0x32
code:00062e 93 e0      ldi     R25,0x3
code:00062f 0e 94 06 06  call    FUN_code_000606      undefinedFUN_code_000606 ()
code:000631 83 e6      ldi     R24,0x63
code:000632 91 e0      ldi     R25,0x1
code:000633 0e 94 9c 02  call    FUN_code_00029c      undefinedFUN_code_00029c ()
code:000635 0e 94 ff 05  call    FUN_code_0005ff      undefinedFUN_code_0005ff ()
code:000637 81 e6      ldi     R24,0x61
code:000638 91 e0      ldi     R25,0x1
code:000639 0e 94 9c 02  call    FUN_code_00029c      undefinedFUN_code_00029c ()
code:00063b 8e e0      ldi     R24,0xe
code:00063c 92 e0      ldi     R25,0x2
code:00063d 0e 94 06 06  call    FUN_code_000606      undefinedFUN_code_000606 ()
code:00063f 8f e5      ldi     R24,0x5f

```

```

code:000640 91 e0      ldi      R25,0x1
code:000641 0e 94 9c 02 call      FUN_code_00029c      undefinedFUN_code_00029c()
code:000643 0e 94 dc 01 call      FUN_code_0001dc      undefinedFUN_code_0001dc()
code:000645 8c e5      ldi      R24,0x5c
code:000646 91 e0      ldi      R25,0x1
code:000647 0e 94 9c 02 call      FUN_code_00029c      undefinedFUN_code_00029c()
code:000649 d2 cf      rjmp     LAB_code_00061c

```

```

LAB_code_00064a      XREF [1]:  code:000628(j)
code:00064a 8c 33      cpi      R24,0x3c
code:00064b 29 f4      brbc     LAB_code_000651,Zf1g

```

```

LAB_code_00064c      XREF [2]:  code:000669(j), code:000670(j)
code:00064c 10 92 eb 07      sts     DAT_mem_07eb,R1      = ??
code:00064e 10 92 ea 07      sts     DAT_mem_07ea,R1      = ??
code:000650 cb cf      rjmp     LAB_code_00061c

```

```

LAB_code_000651      XREF [1]:  code:00064b(j)
code:000651 8a 30      cpi      R24,0xa
code:000652 b9 f4      brbc     LAB_code_00066a,Zf1g
code:000653 ce e1      ldi      Y1c,0x1e
code:000654 d2 e0      ldi      Yhi,0x2
code:000655 06 e8      ldi      R16,0x86
code:000656 17 e0      ldi      R17,0x7

```

```

LAB_code_000657      XREF [1]:  code:000668(j)
code:000657 89 91      ld       R24,Y+=>DAT_mem_021e      = ??
code:000658 99 91      ld       R25,Y+=>DAT_mem_021f      = ??
code:000659 00 97      sbiw    R25R24,0x0
code:00065a 41 f0      brbs    LAB_code_000663,Zf1g
code:00065b f8 01      movw    Z,R17R16
code:00065c 20 81      ld       R18,Z=>DAT_mem_0786      = ??
code:00065d 61 e0      ldi     R22,0x1
code:00065e 21 33      cpi     R18,0x31
code:00065f 09 f0      brbs    LAB_code_000661,Zf1g
code:000660 60 e0      ldi     R22,0x0

```

```

LAB_code_000661      XREF [1]:  code:00065f(j)
code:000661 0e 94 67 03      call    FUN_code_000367      undefinedFUN_code_000367()

```

```

LAB_code_000663      XREF [1]:  code:00065a(j)
code:000663 0f 5f      subi    R16,0xff
code:000664 1f 4f      sbci    R17,0xff
code:000665 f2 e0      ldi     Zhi,0x2
code:000666 c0 33      cpi     Y1c,0x30
code:000667 df 07      cpc     Yhi,Zhi
code:000668 71 f7      brbc    LAB_code_000657,Zf1g
code:000669 e2 cf      rjmp     LAB_code_00064c

```

```

LAB_code_00066a      XREF [1]:  code:000652(j)
code:00066a 20 91 ea 07      lds     R18,DAT_mem_07ea      = ??
code:00066c 30 91 eb 07      lds     R19,DAT_mem_07eb      = ??
code:00066e 24 36      cpi     R18,0x64
code:00066f 31 05      cpc     R19,R1
code:000670 dc f6      brbc    LAB_code_00064c,Sf1g
code:000671 f9 01      movw    Z,R19R18
code:000672 ea 57      subi    Z1c,0x7a
code:000673 f8 4f      sbci    Zhi,0xf8
code:000674 80 83      st      Z,R24
code:000675 2f 5f      subi    R18,0xff
code:000676 3f 4f      sbci    R19,0xff
code:000677 30 93 eb 07      sts     DAT_mem_07eb,R19      = ??
code:000679 20 93 ea 07      sts     DAT_mem_07ea,R18      = ??
code:00067b a0 cf      rjmp     LAB_code_00061c

```

```

LAB_code_00067c      XREF [1]:  code:000622(j)
code:00067c df 91      pop     Yhi
code:00067d cf 91      pop     Y1c
code:00067e 1f 91      pop     R17
code:00067f 0f 91      pop     R16
code:000680 08 95      ret

```

```

*****
*                               *
*                               *
*****

```

```

undefined FUN_code_000681()
R24:1      <RETURN>
FUN_code_000681      XREF [1]:  FUN_code_000ae1:000f0b(c)
code:000681 0e 94 23 02 call    FUN_code_000223      undefinedFUN_code_000223()
code:000683 81 11      cpse    R24,R1
code:000684 0e 94 18 06 call    FUN_code_000618      undefinedFUN_code_000618()
code:000686 80 e0      ldi     R24,0x0
code:000687 90 e0      ldi     R25,0x0
code:000688 89 2b      or      R24,R25
code:000689 49 f0      brbs    LAB_code_000693,Zf1g
code:00068a 80 e0      ldi     R24,0x0
code:00068b 90 e0      ldi     R25,0x0
code:00068c 89 2b      or      R24,R25
code:00068d 29 f0      brbs    LAB_code_000693,Zf1g

```

```

code:00068e 0e 94 00 00 call 0x0=>RESET
code:000690 81 11 cpse R24,R1
code:000691 0e 94 00 00 call 0x0=>RESET

LAB_code_000693 XREF [2]: code:000689(j), code:00068d(j)
code:000693 80 e0 ldi R24,0x0
code:000694 90 e0 ldi R25,0x0
code:000695 89 2b or R24,R25
code:000696 49 f0 brbs LAB_code_0006a0,Zf1g
code:000697 80 e0 ldi R24,0x0
code:000698 90 e0 ldi R25,0x0
code:000699 89 2b or R24,R25
code:00069a 29 f0 brbs LAB_code_0006a0,Zf1g
code:00069b 0e 94 00 00 call 0x0=>RESET
code:00069d 81 11 cpse R24,R1
code:00069e 0e 94 00 00 call 0x0=>RESET

LAB_code_0006a0 XREF [2]: code:000696(j), code:00069a(j)
code:0006a0 80 e0 ldi R24,0x0
code:0006a1 90 e0 ldi R25,0x0
code:0006a2 89 2b or R24,R25
code:0006a3 49 f0 brbs LAB_code_0006ad,Zf1g
code:0006a4 80 e0 ldi R24,0x0
code:0006a5 90 e0 ldi R25,0x0
code:0006a6 89 2b or R24,R25
code:0006a7 29 f0 brbs LAB_code_0006ad,Zf1g
code:0006a8 0e 94 00 00 call 0x0=>RESET
code:0006aa 81 11 cpse R24,R1
code:0006ab 0c 94 00 00 jmp 0x0=>RESET

LAB_code_0006ad XREF [2]: code:0006a3(j), code:0006a7(j)
code:0006ad 08 95 ret

*****
* FUNCTION *
*****
undefined FUN_code_0006ae()
R24:1 <RETURN>
undefined FUN_code_0006ae
code:0006ae cf 92 push R12
code:0006af df 92 push R13
code:0006b0 ef 92 push R14
code:0006b1 ff 92 push R15
code:0006b2 0f 93 push R16
code:0006b3 1f 93 push R17
code:0006b4 cf 93 push Ylo
code:0006b5 df 93 push Yhi
code:0006b6 ec 01 movw Y,R25R24
code:0006b7 e6 2e mov R14,R22
code:0006b8 84 e0 ldi R24,0x4
code:0006b9 90 e0 ldi R25,0x0
code:0006ba 0e 94 40 10 call FUN_code_001040 undefined FUN_code_001040()
code:0006bc fc 01 movw Z,R25R24
code:0006bd 82 e0 ldi R24,0x2
code:0006be 80 83 st Z,R24
code:0006bf 83 e0 ldi R24,0x3
code:0006c0 81 83 std Z+0x1,R24
code:0006c1 94 e0 ldi R25,0x4
code:0006c2 92 83 std Z+0x2,R25
code:0006c3 85 e0 ldi R24,0x5
code:0006c4 83 83 std Z+0x3,R24
code:0006c5 28 e2 ldi R18,0x28
code:0006c6 33 e0 ldi R19,0x3
code:0006c7 39 83 std Y+0x1,R19
code:0006c8 28 83 st Y,R18
code:0006c9 8f ef ser R24
code:0006ca 8a 83 std Y+0x2,R24
code:0006cb 8b 83 std Y+0x3,R24
code:0006cc 8c 83 std Y+0x4,R24
code:0006cd 8a 87 std Y+0xa,R24
code:0006ce 8b 87 std Y+0xb,R24
code:0006cf 8c 87 std Y+0xc,R24
code:0006d0 99 87 std Y+0x9,R25
code:0006d1 8f 01 movw R17R16,Z
code:0006d2 6e 01 movw R13R12,Y
code:0006d3 85 e0 ldi R24,0x5
code:0006d4 c8 0e add R12,R24
code:0006d5 d1 1c adc R13,R1
code:0006d6 f1 2c mov R15,R1

LAB_code_0006d7 XREF [1]: code:0006e5(j)
code:0006d7 f8 01 movw Z,R17R16
code:0006d8 81 91 ld R24,Z+
code:0006d9 8f 01 movw R17R16,Z
code:0006da 87 fd sbrc R24,0x7
code:0006db 36 c0 rjmp LAB_code_000712
code:0006dc f6 01 movw Z,R13R12
code:0006dd 81 93 st Z+,R24
code:0006de 6f 01 movw R13R12,Z

```

```

code:0006df 61 e0      ldi      R22,0x1
code:0006e0 0e 94 95 03    call    FUN_code_000395      undefinedFUN_code_000395()
code:0006e2 f3 94      inc     R15
code:0006e3 f4 e0      ldi     Zhi,0x4
code:0006e4 ff 12     cpse   R15,Zhi
code:0006e5 f1 cf     rjmp   LAB_code_0006d7

LAB_code_0006e6                                XREF [1]:  code:000713(j)
code:0006e6 8f ef     ser    R24
code:0006e7 8c 83     std   Y+0x4,R24
code:0006e8 80 e1     ldi   R24,0x10
code:0006e9 93 e0     ldi   R25,0x3
code:0006ea 99 83     std   Y+0x1,R25
code:0006eb 88 83     st    Y,R24
code:0006ec 8b 85     ldd   R24,Y+0xb
code:0006ed 87 fd     sbrc  R24,0x7
code:0006ee 11 c0     rjmp  LAB_code_000700
code:0006ef 28 2f     mov   R18,R24
code:0006f0 08 2e     mov   R0,R24
code:0006f1 00 0c     add   R0,R0
code:0006f2 33 0b     sbc   R19,R19
code:0006f3 e2 16     cp    R14,R18
code:0006f4 13 06     cpc   R1,R19
code:0006f5 51 f0     brbs  LAB_code_000700,Zf1g
code:0006f6 9a 85     ldd   R25,Y+0xa
code:0006f7 91 30     cpi   R25,0x1
code:0006f8 19 f4     brbc  LAB_code_0006fc,Zf1g
code:0006f9 60 e0     ldi   R22,0x0
code:0006fa 0e 94 67 03    call    FUN_code_000367      undefinedFUN_code_000367()

LAB_code_0006fc                                XREF [1]:  code:0006f8(j)
code:0006fc 60 e0     ldi   R22,0x0
code:0006fd 8b 85     ldd   R24,Y+0xb
code:0006fe 0e 94 95 03    call    FUN_code_000395      undefinedFUN_code_000395()

LAB_code_000700                                XREF [2]:  code:0006ee(j), code:0006f5(j)
code:000700 82 e0     ldi   R24,0x2
code:000701 8a 87     std   Y+0xa,R24
code:000702 eb 86     std   Y+0xb,R14
code:000703 62 e0     ldi   R22,0x2
code:000704 8e 2d     mov   R24,R14
code:000705 0e 94 95 03    call    FUN_code_000395      undefinedFUN_code_000395()
code:000707 81 e0     ldi   R24,0x1
code:000708 8c 87     std   Y+0xc,R24
code:000709 df 91     pop   Yhi
code:00070a cf 91     pop   Ylo
code:00070b 1f 91     pop   R17
code:00070c 0f 91     pop   R16
code:00070d ff 90     pop   R15
code:00070e ef 90     pop   R14
code:00070f df 90     pop   R13
code:000710 cf 90     pop   R12
code:000711 08 95     ret

LAB_code_000712                                XREF [1]:  code:0006db(j)
code:000712 f9 86     std   Y+0x9,R15
code:000713 d2 cf     rjmp  LAB_code_0006e6
code:000714 0e      ??    0Eh
code:000714.1 94     ??    94h
code:000715 46     ??    46h    F
code:000715.1 12     ??    12h

*****
*                               *
*****
undefined FUN_code_000716()
R24:1      <RETURN>
FUN_code_000716                                XREF [2]:  FUN_code_000750:00075a(c),
                                                FUN_code_000ae1:000bde(c)

code:000716 0f 93     push  R16
code:000717 1f 93     push  R17
code:000718 cf 93     push  Ylo
code:000719 df 93     push  Yhi
code:00071a ec 01     movw  Y,R25R24
code:00071b 88 81     ld    R24,Y
code:00071c 99 81     ldd   R25,Y+0x1
code:00071d 00 97     sbiw  R25R24,0x0
code:00071e 59 f0     brbs  LAB_code_00072a,Zf1g
code:00071f 2a 81     ldd   R18,Y+0x2
code:000720 3b 81     ldd   R19,Y+0x3
code:000721 26 17     cp    R18,R22
code:000722 37 07     cpc   R19,R23
code:000723 30 f0     brbs  LAB_code_00072a,Cf1g

LAB_code_000724                                XREF [2]:  code:000738(j), code:00073b(j)
code:000724 81 e0     ldi   R24,0x1

LAB_code_000725                                XREF [1]:  code:00073d(j)
code:000725 df 91     pop   Yhi

```

```

code:000726 cf 91      pop      Ylo
code:000727 1f 91      pop      R17
code:000728 0f 91      pop      R16
code:000729 08 95      ret

```

```

LAB_code_00072a      XREF[2]:      code:00071e(j), code:000723(j)
code:00072a 8b 01      movw    R17R16,R23R22
code:00072b 6f 5f      subi   R22,0xff
code:00072c 7f 4f      sbci   R23,0xff
code:00072d 0e 94 65 11    call   FUN_code_001165      undefinedFUN_code_001165 ()
code:00072f 00 97      sbiw   R25R24,0x0
code:000730 59 f0      brbs   LAB_code_00073c,Zflg
code:000731 99 83      std    Y+0x1,R25
code:000732 88 83      st     Y,R24
code:000733 1b 83      std    Y+0x3,R17
code:000734 0a 83      std    Y+0x2,R16
code:000735 2c 81      ldd    R18,Y+0x4
code:000736 3d 81      ldd    R19,Y+0x5
code:000737 23 2b      or     R18,R19
code:000738 59 f7      brbc   LAB_code_000724,Zflg
code:000739 fc 01      movw   Z,R25R24
code:00073a 10 82      st     Z,R1
code:00073b e8 cf      rjmp   LAB_code_000724

```

```

LAB_code_00073c      XREF[1]:      code:000730(j)
code:00073c 80 e0      ldi    R24,0x0
code:00073d e7 cf      rjmp   LAB_code_000725

```

```

*****
*                               *
*                               *
*****
undefined FUN_code_00073e()
R24:1      <RETURN>

```

```

undefined FUN_code_00073e      XREF[3]:      FUN_code_000750:00075f(c),
FUN_code_000771:000785(c),
FUN_code_000ae1:000c14(c)
code:00073e cf 93      push   Ylo
code:00073f df 93      push   Yhi
code:000740 ec 01      movw   Y,R25R24
code:000741 88 81      ld     R24,Y
code:000742 99 81      ldd    R25,Y+0x1
code:000743 00 97      sbiw   R25R24,0x0
code:000744 11 f0      brbs   LAB_code_000747,Zflg
code:000745 0e 94 dc 10    call   FUN_code_0010dc      undefinedFUN_code_0010dc ()

```

```

LAB_code_000747      XREF[1]:      code:000744(j)
code:000747 19 82      std    Y+0x1,R1
code:000748 18 82      st     Y,R1
code:000749 1d 82      std    Y+0x5,R1
code:00074a 1c 82      std    Y+0x4,R1
code:00074b 1b 82      std    Y+0x3,R1
code:00074c 1a 82      std    Y+0x2,R1
code:00074d df 91      pop    Yhi
code:00074e cf 91      pop    Ylo
code:00074f 08 95      ret

```

```

*****
*                               *
*                               *
*****
undefined FUN_code_000750()
R24:1      <RETURN>

```

```

undefined FUN_code_000750      XREF[2]:      FUN_code_000771:00077f(c),
FUN_code_000ae1:000bc2(c)
code:000750 ef 92      push   R14
code:000751 ff 92      push   R15
code:000752 0f 93      push   R16
code:000753 1f 93      push   R17
code:000754 cf 93      push   Ylo
code:000755 df 93      push   Yhi
code:000756 ec 01      movw   Y,R25R24
code:000757 7b 01      movw   R15R14,R23R22
code:000758 8a 01      movw   R17R16,R21R20
code:000759 ba 01      movw   R23R22,R21R20
code:00075a 0e 94 16 07    call   FUN_code_000716      undefinedFUN_code_000716 ()
code:00075c 81 11      cpse   R24,R1
code:00075d 0b c0      rjmp   LAB_code_000769
code:00075e ce 01      movw   R25R24,Y
code:00075f 0e 94 3e 07    call   FUN_code_00073e      undefinedFUN_code_00073e ()

```

```

LAB_code_000761      XREF[1]:      code:000770(j)
code:000761 ce 01      movw   R25R24,Y
code:000762 df 91      pop    Yhi
code:000763 cf 91      pop    Ylo
code:000764 1f 91      pop    R17
code:000765 0f 91      pop    R16
code:000766 ff 90      pop    R15
code:000767 ef 90      pop    R14
code:000768 08 95      ret

```

```

LAB_code_000769                                XREF [1]:  code:00075d(j)
code:000769 1d 83      std      Y+0x5,R17
code:00076a 0c 83      std      Y+0x4,R16
code:00076b b7 01      movw    R23R22,R15R14
code:00076c 88 81      ld      R24,Y
code:00076d 99 81      ldd    R25,Y+0x1
code:00076e 0e 94 5c 12 call    FUN_code_00125c      undefinedFUN_code_00125c()
code:000770 f0 cf      rjmp   LAB_code_000761

*****
*                               *
*                               *
*****
undefined FUN_code_000771()
R24:1      <RETURN>
undefined                                XREF [2]:  FUN_code_000ae1:000bcd(c),
FUN_code_000771                                FUN_code_000ae1:000bf0(c)

code:000771 cf 93      push   Ylo
code:000772 df 93      push   Yhi
code:000773 ec 01      movw   Y,R25R24
code:000774 fb 01      movw   Z,R23R22
code:000775 86 17      cp     R24,R22
code:000776 97 07      cpc   R25,R23
code:000777 49 f0      brbs  LAB_code_000781,Zflg
code:000778 60 81      ld     R22,Z
code:000779 71 81      ldd   R23,Z+0x1
code:00077a 61 15      cp    R22,R1
code:00077b 71 05      cpc   R23,R1
code:00077c 41 f0      brbs  LAB_code_000785,Zflg
code:00077d 44 81      ldd   R20,Z+0x4
code:00077e 55 81      ldd   R21,Z+0x5
code:00077f 0e 94 50 07 call    FUN_code_000750      undefinedFUN_code_000750()

LAB_code_000781                                XREF [2]:  code:000777(j), code:000787(j)
code:000781 ce 01      movw   R25R24,Y
code:000782 df 91      pop    Yhi
code:000783 cf 91      pop    Ylo
code:000784 08 95      ret

LAB_code_000785                                XREF [1]:  code:00077c(j)
code:000785 0e 94 3e 07 call    FUN_code_00073e      undefinedFUN_code_00073e()
code:000787 f9 cf      rjmp   LAB_code_000781

*****
*                               *
*                               *
*****
undefined FUN_code_000788()
R24:1      <RETURN>
undefined                                XREF [2]:  FUN_code_000ae1:000bf3(c),
FUN_code_000788                                FUN_code_000ae1:000bf7(c)

code:000788 fc 01      movw   Z,R25R24
code:000789 80 81      ld     R24,Z
code:00078a 91 81      ldd   R25,Z+0x1
code:00078b 00 97      sbiw  R25R24,0x0
code:00078c 11 f0      brbs  LAB_code_00078f,Zflg
code:00078d 0c 94 dc 10 jmp     FUN_code_0010dc      undefinedFUN_code_0010dc()
-- Flow Override: CALL_RETURN (CALL_TERMINATOR)

LAB_code_00078f                                XREF [1]:  code:00078c(j)
code:00078f 08 95      ret

*****
*                               *
*                               *
*****
undefined FUN_code_000790()
R24:1      <RETURN>
undefined                                XREF [1]:  USART0_UDRE:000034(T),
FUN_code_000790                                USART0_UDRE:000034(j)

code:000790 1f 92      push   R1
code:000791 0f 92      push   R0
code:000792 0f b6      in     R0,SREG
code:000793 0f 92      push   R0
code:000794 11 24      eor   R1,R1
code:000795 0b b6      in     R0,RAMPZ
code:000796 0f 92      push   R0
code:000797 2f 93      push   R18
code:000798 3f 93      push   R19
code:000799 4f 93      push   R20
code:00079a 5f 93      push   R21
code:00079b 6f 93      push   R22
code:00079c 7f 93      push   R23
code:00079d 8f 93      push   R24
code:00079e 9f 93      push   R25
code:00079f af 93      push   Xlo
code:0007a0 bf 93      push   Xhi
code:0007a1 ef 93      push   Zlo
code:0007a2 ff 93      push   Zhi
code:0007a3 80 e5      ldi   R24,0x50
code:0007a4 98 e0      ldi   R25,0x8

```

```

code:0007a5 0e 94 2d 02    call    FUN_code_00022d          undefinedFUN_code_00022d()
code:0007a7 ff 91        pop     Zhi
code:0007a8 ef 91        pop     Zlo
code:0007a9 bf 91        pop     Xhi
code:0007aa af 91        pop     Xlo
code:0007ab 9f 91        pop     R25
code:0007ac 8f 91        pop     R24
code:0007ad 7f 91        pop     R23
code:0007ae 6f 91        pop     R22
code:0007af 5f 91        pop     R21
code:0007b0 4f 91        pop     R20
code:0007b1 3f 91        pop     R19
code:0007b2 2f 91        pop     R18
code:0007b3 0f 90        pop     R0
code:0007b4 0b be        out    RAMPZ,R0
code:0007b5 0f 90        pop     R0
code:0007b6 0f be        out    SREG,R0
code:0007b7 0f 90        pop     R0
code:0007b8 1f 90        pop     R1
code:0007b9 18 95        reti

```

```

*****
*                               *
*                               *
*****

```

```

undefined FUN_code_0007ba()
R24:1 <RETURN>
FUN_code_0007ba XREF [1]:  USART0_RX:000032(T),
                          USART0_RX:000032(j)

```

```

code:0007ba 1f 92        push   R1
code:0007bb 0f 92        push   R0
code:0007bc 0f b6        in     R0,SREG
code:0007bd 0f 92        push   R0
code:0007be 11 24        eor    R1,R1
code:0007bf 0b b6        in     R0,RAMPZ
code:0007c0 0f 92        push   R0
code:0007c1 2f 93        push   R18
code:0007c2 8f 93        push   R24
code:0007c3 9f 93        push   R25
code:0007c4 ef 93        push   Zlo
code:0007c5 ff 93        push   Zhi
code:0007c6 e0 91 60 08    lds    Zlo,DAT_mem_0860      = ??
code:0007c8 f0 91 61 08    lds    Zhi,DAT_mem_0861      = ??
code:0007ca 80 81        ld     R24,Z
code:0007cb e0 91 66 08    lds    Zlo,DAT_mem_0866      = ??
code:0007cd f0 91 67 08    lds    Zhi,DAT_mem_0867      = ??
code:0007cf 82 fd        sbrc   R24,0x2
code:0007d0 1d c0        rjmp   LAB_code_0007ee
code:0007d1 90 81        ld     R25,Z
code:0007d2 80 91 69 08    lds    R24,DAT_mem_0869      = ??
code:0007d4 8f 5f        subi   R24,0xff
code:0007d5 8f 73        andi   R24,0x3f
code:0007d6 20 91 6a 08    lds    R18,DAT_mem_086a      = ??
code:0007d8 82 17        cp     R24,R18
code:0007d9 41 f0        brbs   LAB_code_0007e2,Zflg
code:0007da e0 91 69 08    lds    Zlo,DAT_mem_0869      = ??
code:0007dc f0 e0        ldi    Zhi,0x0
code:0007dd e0 5b        subi   Zlo,0xb0
code:0007de f7 4f        sbci   Zhi,0xf7
code:0007df 95 8f        std    Z+0x1d,R25
code:0007e0 80 93 69 08    sts    DAT_mem_0869,R24      = ??

```

```

LAB_code_0007e2 XREF [2]:  code:0007d9(j), code:0007ef(j)

```

```

code:0007e2 ff 91        pop     Zhi
code:0007e3 ef 91        pop     Zlo
code:0007e4 9f 91        pop     R25
code:0007e5 8f 91        pop     R24
code:0007e6 2f 91        pop     R18
code:0007e7 0f 90        pop     R0
code:0007e8 0b be        out    RAMPZ,R0
code:0007e9 0f 90        pop     R0
code:0007ea 0f be        out    SREG,R0
code:0007eb 0f 90        pop     R0
code:0007ec 1f 90        pop     R1
code:0007ed 18 95        reti

```

```

LAB_code_0007ee XREF [1]:  code:0007d0(j)
code:0007ee 80 81        ld     R24,Z
code:0007ef f2 cf        rjmp   LAB_code_0007e2

```

```

*****
*                               *
*                               *
*****

```

```

undefined FUN_code_0007f0()
R24:1 <RETURN>
FUN_code_0007f0 XREF [1]:  TIMER0_OVF:00002e(T),
                          TIMER0_OVF:00002e(j)

```

```

code:0007f0 1f 92        push   R1
code:0007f1 0f 92        push   R0
code:0007f2 0f b6        in     R0,SREG

```

```

code:0007f3 0f 92      push      R0
code:0007f4 11 24      eor       R1,R1
code:0007f5 2f 93      push      R18
code:0007f6 3f 93      push      R19
code:0007f7 8f 93      push      R24
code:0007f8 9f 93      push      R25
code:0007f9 af 93      push      Xlo
code:0007fa bf 93      push      Xhi
code:0007fb 80 91 ed 07    lds       R24,DAT_mem_07ed      = ??
code:0007fd 90 91 ee 07    lds       R25,DAT_mem_07ee      = ??
code:0007ff a0 91 ef 07    lds       Xlo,DAT_mem_07ef      = ??
code:000801 b0 91 f0 07    lds       Xhi,DAT_mem_07f0      = ??
code:000803 30 91 ec 07    lds       R19,DAT_mem_07ec      = ??
code:000805 23 e0      ldi       R18,0x3
code:000806 23 0f      add       R18,R19
code:000807 2d 37      cpi       R18,0x7d
code:000808 58 f5      brbc     LAB_code_000834,Cflg
code:000809 01 96      adiw     R25R24,0x1
code:00080a a1 1d      adc       Xlo,R1
code:00080b b1 1d      adc       Xhi,R1

```

```

LAB_code_00080c
code:00080c 20 93 ec 07    sts       DAT_mem_07ec,R18      XREF[1]:  code:000839(j)
code:00080e 80 93 ed 07    sts       DAT_mem_07ed,R24      = ??
code:000810 90 93 ee 07    sts       DAT_mem_07ee,R25      = ??
code:000812 a0 93 ef 07    sts       DAT_mem_07ef,Xlo      = ??
code:000814 b0 93 f0 07    sts       DAT_mem_07f0,Xhi      = ??
code:000816 80 91 f1 07    lds       R24,DAT_mem_07f1      = ??
code:000818 90 91 f2 07    lds       R25,DAT_mem_07f2      = ??
code:00081a a0 91 f3 07    lds       Xlo,DAT_mem_07f3      = ??
code:00081c b0 91 f4 07    lds       Xhi,DAT_mem_07f4      = ??
code:00081e 01 96      adiw     R25R24,0x1
code:00081f a1 1d      adc       Xlo,R1
code:000820 b1 1d      adc       Xhi,R1
code:000821 80 93 f1 07    sts       DAT_mem_07f1,R24      = ??
code:000823 90 93 f2 07    sts       DAT_mem_07f2,R25      = ??
code:000825 a0 93 f3 07    sts       DAT_mem_07f3,Xlo      = ??
code:000827 b0 93 f4 07    sts       DAT_mem_07f4,Xhi      = ??
code:000829 bf 91      pop      Xhi
code:00082a af 91      pop      Xlo
code:00082b 9f 91      pop      R25
code:00082c 8f 91      pop      R24
code:00082d 3f 91      pop      R19
code:00082e 2f 91      pop      R18
code:00082f 0f 90      pop      R0
code:000830 0f be      out     SREG,R0
code:000831 0f 90      pop      R0
code:000832 1f 90      pop      R1
code:000833 18 95      reti

```

```

LAB_code_000834
code:000834 26 e8      ldi       R18,0x86      XREF[1]:  code:000808(j)
code:000835 23 0f      add       R18,R19
code:000836 02 96      adiw     R25R24,0x2
code:000837 a1 1d      adc       Xlo,R1
code:000838 b1 1d      adc       Xhi,R1
code:000839 d2 cf      rjmp     LAB_code_00080c

```

```

*****
*                               *
*                               *
*****
undefined FUN_code_00083a()
R24:1      <RETURN>
FUN_code_00083a
code:00083a 1f 92      push     R1      XREF[1]:  INT5:00000c(T), INT5:00000c(j)
code:00083b 0f 92      push     R0
code:00083c 0f b6      in       R0,SREG
code:00083d 0f 92      push     R0
code:00083e 11 24      eor     R1,R1
code:00083f 0b b6      in       R0,RAMPZ
code:000840 0f 92      push     R0
code:000841 2f 93      push     R18
code:000842 3f 93      push     R19
code:000843 4f 93      push     R20
code:000844 5f 93      push     R21
code:000845 6f 93      push     R22
code:000846 7f 93      push     R23
code:000847 8f 93      push     R24
code:000848 9f 93      push     R25
code:000849 af 93      push     Xlo
code:00084a bf 93      push     Xhi
code:00084b ef 93      push     Zlo
code:00084c ff 93      push     Zhi
code:00084d 80 91 7c 07    lds     R24,DAT_mem_077c      = ??
code:00084f 90 91 7d 07    lds     R25,DAT_mem_077d      = ??
code:000851 0e 94 bb 04    call    FUN_code_0004bb      undefined FUN_code_0004bb ()
code:000853 ff 91      pop     Zhi
code:000854 ef 91      pop     Zlo
code:000855 bf 91      pop     Xhi

```



```

code:000856 af 91      pop      X10
code:000857 9f 91      pop      R25
code:000858 8f 91      pop      R24
code:000859 7f 91      pop      R23
code:00085a 6f 91      pop      R22
code:00085b 5f 91      pop      R21
code:00085c 4f 91      pop      R20
code:00085d 3f 91      pop      R19
code:00085e 2f 91      pop      R18
code:00085f 0f 90      pop      R0
code:000860 0b be      out     RAMPZ,R0
code:000861 0f 90      pop      R0
code:000862 0f be      out     SREG,R0
code:000863 0f 90      pop      R0
code:000864 1f 90      pop      R1
code:000865 18 95      reti

```

```

*****
*                               *
*                               *
*                               *
*****

```

```

undefined FUN_code_000866()
R24:1      <RETURN>
FUN_code_000866      XREF[1]:      INT4:00000a(T), INT4:00000a(j)
code:000866 1f 92      push     R1
code:000867 0f 92      push     R0
code:000868 0f b6      in      R0,SREG
code:000869 0f 92      push     R0
code:00086a 11 24      eor     R1,R1
code:00086b 0b b6      in      R0,RAMPZ
code:00086c 0f 92      push     R0
code:00086d 2f 93      push     R18
code:00086e 3f 93      push     R19
code:00086f 4f 93      push     R20
code:000870 5f 93      push     R21
code:000871 6f 93      push     R22
code:000872 7f 93      push     R23
code:000873 8f 93      push     R24
code:000874 9f 93      push     R25
code:000875 af 93      push     X10
code:000876 bf 93      push     X11
code:000877 ef 93      push     Z10
code:000878 ff 93      push     Z11
code:000879 80 91 7a 07      lds     R24,DAT_mem_077a      = ??
code:00087b 90 91 7b 07      lds     R25,DAT_mem_077b      = ??
code:00087d 0e 94 bb 04      call    FUN_code_0004bb      undefinedFUN_code_0004bb()
code:00087f ff 91      pop      Z11
code:000880 ef 91      pop      Z10
code:000881 bf 91      pop      X11
code:000882 af 91      pop      X10
code:000883 9f 91      pop      R25
code:000884 8f 91      pop      R24
code:000885 7f 91      pop      R23
code:000886 6f 91      pop      R22
code:000887 5f 91      pop      R21
code:000888 4f 91      pop      R20
code:000889 3f 91      pop      R19
code:00088a 2f 91      pop      R18
code:00088b 0f 90      pop      R0
code:00088c 0b be      out     RAMPZ,R0
code:00088d 0f 90      pop      R0
code:00088e 0f be      out     SREG,R0
code:00088f 0f 90      pop      R0
code:000890 1f 90      pop      R1
code:000891 18 95      reti

```

```

*****
*                               *
*                               *
*                               *
*****

```

```

undefined FUN_code_000892()
R24:1      <RETURN>
FUN_code_000892      XREF[1]:      INT3:000008(T), INT3:000008(j)
code:000892 1f 92      push     R1
code:000893 0f 92      push     R0
code:000894 0f b6      in      R0,SREG
code:000895 0f 92      push     R0
code:000896 11 24      eor     R1,R1
code:000897 0b b6      in      R0,RAMPZ
code:000898 0f 92      push     R0
code:000899 2f 93      push     R18
code:00089a 3f 93      push     R19
code:00089b 4f 93      push     R20
code:00089c 5f 93      push     R21
code:00089d 6f 93      push     R22
code:00089e 7f 93      push     R23
code:00089f 8f 93      push     R24
code:0008a0 9f 93      push     R25
code:0008a1 af 93      push     X10
code:0008a2 bf 93      push     X11
code:0008a3 ef 93      push     Z10

```

```

code:0008a4 ff 93      push      Zhi
code:0008a5 80 91 84 07     lds       R24,DAT_mem_0784      = ??
code:0008a7 90 91 85 07     lds       R25,DAT_mem_0785      = ??
code:0008a9 0e 94 bb 04     call     FUN_code_0004bb         undefinedFUN_code_0004bb()
code:0008ab ff 91      pop       Zhi
code:0008ac ef 91      pop       Zlo
code:0008ad bf 91      pop       Xhi
code:0008ae af 91      pop       Xlo
code:0008af 9f 91      pop       R25
code:0008b0 8f 91      pop       R24
code:0008b1 7f 91      pop       R23
code:0008b2 6f 91      pop       R22
code:0008b3 5f 91      pop       R21
code:0008b4 4f 91      pop       R20
code:0008b5 3f 91      pop       R19
code:0008b6 2f 91      pop       R18
code:0008b7 0f 90      pop       R0
code:0008b8 0b be     out      RAMPZ,R0
code:0008b9 0f 90      pop       R0
code:0008ba 0f be     out      SREG,R0
code:0008bb 0f 90      pop       R0
code:0008bc 1f 90      pop       R1
code:0008bd 18 95      reti

```

```

*****
*                               *
*                               *
*****

```

```

undefined FUN_code_0008be()
R24:1      <RETURN>
FUN_code_0008be          XREF [1]:      INT2:000006(T), INT2:000006(j)
code:0008be 1f 92      push     R1
code:0008bf 0f 92      push     R0
code:0008c0 0f b6     in      R0,SREG
code:0008c1 0f 92      push     R0
code:0008c2 11 24     eor     R1,R1
code:0008c3 0b b6     in      R0,RAMPZ
code:0008c4 0f 92      push     R0
code:0008c5 2f 93      push     R18
code:0008c6 3f 93      push     R19
code:0008c7 4f 93      push     R20
code:0008c8 5f 93      push     R21
code:0008c9 6f 93      push     R22
code:0008ca 7f 93      push     R23
code:0008cb 8f 93      push     R24
code:0008cc 9f 93      push     R25
code:0008cd af 93      push     Xlo
code:0008ce bf 93      push     Xhi
code:0008cf ef 93      push     Zlo
code:0008d0 ff 93      push     Zhi
code:0008d1 80 91 82 07     lds     R24,DAT_mem_0782      = ??
code:0008d3 90 91 83 07     lds     R25,DAT_mem_0783      = ??
code:0008d5 0e 94 bb 04     call     FUN_code_0004bb         undefinedFUN_code_0004bb()
code:0008d7 ff 91      pop      Zhi
code:0008d8 ef 91      pop      Zlo
code:0008d9 bf 91      pop      Xhi
code:0008da af 91      pop      Xlo
code:0008db 9f 91      pop      R25
code:0008dc 8f 91      pop      R24
code:0008dd 7f 91      pop      R23
code:0008de 6f 91      pop      R22
code:0008df 5f 91      pop      R21
code:0008e0 4f 91      pop      R20
code:0008e1 3f 91      pop      R19
code:0008e2 2f 91      pop      R18
code:0008e3 0f 90      pop      R0
code:0008e4 0b be     out     RAMPZ,R0
code:0008e5 0f 90      pop      R0
code:0008e6 0f be     out     SREG,R0
code:0008e7 0f 90      pop      R0
code:0008e8 1f 90      pop      R1
code:0008e9 18 95      reti

```

```

*****
*                               *
*                               *
*****

```

```

undefined FUN_code_0008ea()
R24:1      <RETURN>
FUN_code_0008ea          XREF [1]:      INT1:000004(T), INT1:000004(j)
code:0008ea 1f 92      push     R1
code:0008eb 0f 92      push     R0
code:0008ec 0f b6     in      R0,SREG
code:0008ed 0f 92      push     R0
code:0008ee 11 24     eor     R1,R1
code:0008ef 0b b6     in      R0,RAMPZ
code:0008f0 0f 92      push     R0
code:0008f1 2f 93      push     R18
code:0008f2 3f 93      push     R19
code:0008f3 4f 93      push     R20
code:0008f4 5f 93      push     R21

```

```

code:0008f5 6f 93      push      R22
code:0008f6 7f 93      push      R23
code:0008f7 8f 93      push      R24
code:0008f8 9f 93      push      R25
code:0008f9 af 93      push      X1o
code:0008fa bf 93      push      Xhi
code:0008fb ef 93      push      Z1o
code:0008fc ff 93      push      Zhi
code:0008fd 80 91 80 07  lds      R24,DAT_mem_0780      = ??
code:0008ff 90 91 81 07  lds      R25,DAT_mem_0781      = ??
code:000901 0e 94 bb 04  call     FUN_code_0004bb      undefinedFUN_code_0004bb ()
                                     = ??

```

```

code:000903 ff 91      pop       Zhi
code:000904 ef 91      pop       Z1o
code:000905 bf 91      pop       Xhi
code:000906 af 91      pop       X1o
code:000907 9f 91      pop       R25
code:000908 8f 91      pop       R24
code:000909 7f 91      pop       R23
code:00090a 6f 91      pop       R22
code:00090b 5f 91      pop       R21
code:00090c 4f 91      pop       R20
code:00090d 3f 91      pop       R19
code:00090e 2f 91      pop       R18
code:00090f 0f 90      pop       R0
code:000910 0b be      out      RAMPZ,R0
code:000911 0f 90      pop       R0
code:000912 0f be      out      SREG,R0
code:000913 0f 90      pop       R0
code:000914 1f 90      pop       R1
code:000915 18 95      reti

```

```

*****
*                               *
*                               *
*****

```

```

undefined FUN_code_000916()
R24:1 <RETURN>
FUN_code_000916

```

```

XREF [1]: INT0:000002(T), INT0:000002(j)

```

```

code:000916 1f 92      push      R1
code:000917 0f 92      push      R0
code:000918 0f b6      in        R0,SREG
code:000919 0f 92      push      R0
code:00091a 11 24      eor      R1,R1
code:00091b 0b b6      in        R0,RAMPZ
code:00091c 0f 92      push      R0
code:00091d 2f 93      push      R18
code:00091e 3f 93      push      R19
code:00091f 4f 93      push      R20
code:000920 5f 93      push      R21
code:000921 6f 93      push      R22
code:000922 7f 93      push      R23
code:000923 8f 93      push      R24
code:000924 9f 93      push      R25
code:000925 af 93      push      X1o
code:000926 bf 93      push      Xhi
code:000927 ef 93      push      Z1o
code:000928 ff 93      push      Zhi
code:000929 80 91 7e 07  lds      R24,DAT_mem_077e      = ??
code:00092b 90 91 7f 07  lds      R25,DAT_mem_077f      = ??
code:00092d 0e 94 bb 04  call     FUN_code_0004bb      undefinedFUN_code_0004bb ()
code:00092f ff 91      pop       Zhi
code:000930 ef 91      pop       Z1o
code:000931 bf 91      pop       Xhi
code:000932 af 91      pop       X1o
code:000933 9f 91      pop       R25
code:000934 8f 91      pop       R24
code:000935 7f 91      pop       R23
code:000936 6f 91      pop       R22
code:000937 5f 91      pop       R21
code:000938 4f 91      pop       R20
code:000939 3f 91      pop       R19
code:00093a 2f 91      pop       R18
code:00093b 0f 90      pop       R0
code:00093c 0b be      out      RAMPZ,R0
code:00093d 0f 90      pop       R0
code:00093e 0f be      out      SREG,R0
code:00093f 0f 90      pop       R0
code:000940 1f 90      pop       R1
code:000941 18 95      reti
code:000942 10      ??      10h
code:000942.1 92      ??      92h
code:000943 53      ??      53h      S
code:000943.1 08      ??      08h
code:000944 10      ??      10h
code:000944.1 92      ??      92h
code:000945 52      ??      52h      R
code:000945.1 08      ??      08h
code:000946 88      ??      88h
code:000946.1 ee      ??      EEh

```

code:000947 93	??	93h	
code:000947.1 e0	??	E0h	
code:000948 a0	??	A0h	
code:000948.1 e0	??	E0h	
code:000949 b0	??	B0h	
code:000949.1 e0	??	E0h	
code:00094a 80	??	80h	
code:00094a.1 93	??	93h	
code:00094b 54	??	54h	T
code:00094b.1 08	??	08h	
code:00094c 90	??	90h	
code:00094c.1 93	??	93h	
code:00094d 55	??	55h	U
code:00094d.1 08	??	08h	
code:00094e a0	??	A0h	
code:00094e.1 93	??	93h	
code:00094f 56	??	56h	V
code:00094f.1 08	??	08h	
code:000950 b0	??	B0h	
code:000950.1 93	??	93h	
code:000951 57	??	57h	W
code:000951.1 08	??	08h	
code:000952 86	??	86h	
code:000952.1 e1	??	E1h	
code:000953 93	??	93h	
code:000953.1 e0	??	E0h	
code:000954 90	??	90h	
code:000954.1 93	??	93h	
code:000955 51	??	51h	Q
code:000955.1 08	??	08h	
code:000956 80	??	80h	
code:000956.1 93	??	93h	
code:000957 50	??	50h	P
code:000957.1 08	??	08h	
code:000958 85	??	85h	
code:000958.1 ec	??	ECh	
code:000959 90	??	90h	
code:000959.1 e0	??	E0h	
code:00095a 90	??	90h	
code:00095a.1 93	??	93h	
code:00095b 5d	??	5Dh	J
code:00095b.1 08	??	08h	
code:00095c 80	??	80h	
code:00095c.1 93	??	93h	
code:00095d 5c	??	5Ch	\
code:00095d.1 08	??	08h	
code:00095e 84	??	84h	
code:00095e.1 ec	??	ECh	
code:00095f 90	??	90h	
code:00095f.1 e0	??	E0h	
code:000960 90	??	90h	
code:000960.1 93	??	93h	
code:000961 5f	??	5Fh	_
code:000961.1 08	??	08h	
code:000962 80	??	80h	
code:000962.1 93	??	93h	
code:000963 5e	??	5Eh	^
code:000963.1 08	??	08h	
code:000964 80	??	80h	
code:000964.1 ec	??	ECh	
code:000965 90	??	90h	
code:000965.1 e0	??	E0h	
code:000966 90	??	90h	
code:000966.1 93	??	93h	
code:000967 61	??	61h	a
code:000967.1 08	??	08h	
code:000968 80	??	80h	
code:000968.1 93	??	93h	
code:000969 60	??	60h	`
code:000969.1 08	??	08h	
code:00096a 81	??	81h	
code:00096a.1 ec	??	ECh	
code:00096b 90	??	90h	
code:00096b.1 e0	??	E0h	
code:00096c 90	??	90h	
code:00096c.1 93	??	93h	
code:00096d 63	??	63h	c
code:00096d.1 08	??	08h	
code:00096e 80	??	80h	
code:00096e.1 93	??	93h	
code:00096f 62	??	62h	b
code:00096f.1 08	??	08h	
code:000970 82	??	82h	
code:000970.1 ec	??	ECh	
code:000971 90	??	90h	
code:000971.1 e0	??	E0h	
code:000972 90	??	90h	
code:000972.1 93	??	93h	
code:000973 65	??	65h	e

code:000973.1 08	??	08h	
code:000974 80	??	80h	
code:000974.1 93	??	93h	
code:000975 64	??	64h	d
code:000975.1 08	??	08h	
code:000976 86	??	86h	
code:000976.1 ec	??	ECh	
code:000977 90	??	90h	
code:000977.1 e0	??	E0h	
code:000978 90	??	90h	
code:000978.1 93	??	93h	
code:000979 67	??	67h	g
code:000979.1 08	??	08h	
code:00097a 80	??	80h	
code:00097a.1 93	??	93h	
code:00097b 66	??	66h	f
code:00097b.1 08	??	08h	
code:00097c 10	??	10h	
code:00097c.1 92	??	92h	
code:00097d 69	??	69h	i
code:00097d.1 08	??	08h	
code:00097e 10	??	10h	
code:00097e.1 92	??	92h	
code:00097f 6a	??	6Ah	j
code:00097f.1 08	??	08h	
code:000980 10	??	10h	
code:000980.1 92	??	92h	
code:000981 6b	??	6Bh	k
code:000981.1 08	??	08h	
code:000982 10	??	10h	
code:000982.1 92	??	92h	
code:000983 6c	??	6Ch	l
code:000983.1 08	??	08h	
code:000984 ad	??	ADh	
code:000984.1 ee	??	Eeh	
code:000985 b8	??	B8h	
code:000985.1 e0	??	E0h	
code:000986 90	??	90h	
code:000986.1 e0	??	E0h	
code:000987 80	??	80h	
code:000987.1 e0	??	E0h	
code:000988 21	??	21h	!
code:000988.1 e2	??	E2h	
code:000989 e1	??	E1h	
code:000989.1 e0	??	E0h	
code:00098a f0	??	F0h	
code:00098a.1 e0	??	E0h	
code:00098b 86	??	86h	
code:00098b.1 30	??	30h	0
code:00098c 91	??	91h	
code:00098c.1 05	??	05h	
code:00098d 10	??	10h	
code:00098d.1 f4	??	F4h	
code:00098e f0	??	F0h	
code:00098e.1 e0	??	E0h	
code:00098f e0	??	E0h	
code:00098f.1 e0	??	E0h	
code:000990 ac	??	ACh	
code:000990.1 01	??	01h	
code:000991 42	??	42h	B
code:000991.1 5f	??	5Fh	—
code:000992 5f	??	5Fh	—
code:000992.1 4f	??	4Fh	O
code:000993 e4	??	E4h	
code:000993.1 0f	??	0Fh	
code:000994 f5	??	F5h	
code:000994.1 1f	??	1Fh	
code:000995 20	??	20h	
code:000995.1 93	??	93h	
code:000996 57	??	57h	W
code:000996.1 00	??	00h	
code:000997 e4	??	E4h	
code:000997.1 91	??	91h	
code:000998 ed	??	EDh	
code:000998.1 93	??	93h	
code:000999 01	??	01h	
code:000999.1 96	??	96h	
code:00099a 89	??	89h	
code:00099a.1 30	??	30h	0
code:00099b 91	??	91h	
code:00099b.1 05	??	05h	
code:00099c 61	??	61h	a
code:00099c.1 f7	??	F7h	
code:00099d 66	??	66h	f
code:00099d.1 e0	??	E0h	
code:00099e 8f	??	8Fh	
code:00099e.1 e9	??	E9h	
code:00099f 9b	??	9Bh	
code:00099f.1 e0	??	E0h	

code:0009a0 0e	??	0Eh	
code:0009a0.1 94	??	94h	
code:0009a1 ae	??	AEh	
code:0009a1.1 06	??	06h	
code:0009a2 67	??	67h	g
code:0009a2.1 e0	??	E0h	
code:0009a3 82	??	82h	
code:0009a3.1 e9	??	E9h	
code:0009a4 9b	??	9Bh	
code:0009a4.1 e0	??	E0h	
code:0009a5 0e	??	0Eh	
code:0009a5.1 94	??	94h	
code:0009a6 ae	??	AEh	
code:0009a6.1 06	??	06h	
code:0009a7 4d	??	4Dh	M
code:0009a7.1 e2	??	E2h	
code:0009a8 6c	??	6Ch	l
code:0009a8.1 e2	??	E2h	
code:0009a9 82	??	82h	
code:0009a9.1 eb	??	EBh	
code:0009aa 9a	??	9Ah	
code:0009aa.1 e0	??	E0h	
code:0009ab 0e	??	0Eh	
code:0009ab.1 94	??	94h	
code:0009ac 57	??	57h	W
code:0009ac.1 05	??	05h	
code:0009ad 87	??	87h	
code:0009ad.1 e4	??	E4h	
code:0009ae 93	??	93h	
code:0009ae.1 e0	??	E0h	
code:0009af 90	??	90h	
code:0009af.1 93	??	93h	
code:0009b0 bf	??	BFh	
code:0009b0.1 0a	??	0Ah	
code:0009b1 80	??	80h	
code:0009b1.1 93	??	93h	
code:0009b2 be	??	BEh	
code:0009b2.1 0a	??	0Ah	
code:0009b3 88	??	88h	
code:0009b3.1 e5	??	E5h	
code:0009b4 93	??	93h	
code:0009b4.1 e0	??	E0h	
code:0009b5 90	??	90h	
code:0009b5.1 93	??	93h	
code:0009b6 c1	??	C1h	
code:0009b6.1 0a	??	0Ah	
code:0009b7 80	??	80h	
code:0009b7.1 93	??	93h	
code:0009b8 c0	??	C0h	
code:0009b8.1 0a	??	0Ah	
code:0009b9 4e	??	4Eh	N
code:0009b9.1 e2	??	E2h	
code:0009ba 6f	??	6Fh	o
code:0009ba.1 e2	??	E2h	
code:0009bb 82	??	82h	
code:0009bb.1 ec	??	ECh	
code:0009bc 9a	??	9Ah	
code:0009bc.1 e0	??	E0h	
code:0009bd 0e	??	0Eh	
code:0009bd.1 94	??	94h	
code:0009be 57	??	57h	W
code:0009be.1 05	??	05h	
code:0009bf 89	??	89h	
code:0009bf.1 e6	??	E6h	
code:0009c0 93	??	93h	
code:0009c0.1 e0	??	E0h	
code:0009c1 90	??	90h	
code:0009c1.1 93	??	93h	
code:0009c2 cf	??	CFh	
code:0009c2.1 0a	??	0Ah	
code:0009c3 80	??	80h	
code:0009c3.1 93	??	93h	
code:0009c4 ce	??	CEh	
code:0009c4.1 0a	??	0Ah	
code:0009c5 8a	??	8Ah	
code:0009c5.1 e7	??	E7h	
code:0009c6 93	??	93h	
code:0009c6.1 e0	??	E0h	
code:0009c7 90	??	90h	
code:0009c7.1 93	??	93h	
code:0009c8 d1	??	D1h	
code:0009c8.1 0a	??	0Ah	
code:0009c9 80	??	80h	
code:0009c9.1 93	??	93h	
code:0009ca d0	??	D0h	
code:0009ca.1 0a	??	0Ah	
code:0009cb 4a	??	4Ah	J
code:0009cb.1 e2	??	E2h	
code:0009cc 6b	??	6Bh	k

code:0009cc.1 e2	??	E2h	
code:0009cd 82	??	82h	
code:0009cd.1 ed	??	EDh	
code:0009ce 9a	??	9Ah	
code:0009ce.1 e0	??	E0h	
code:0009cf 0e	??	0Eh	
code:0009cf.1 94	??	94h	
code:0009d0 57	??	57h	W
code:0009d0.1 05	??	05h	
code:0009d1 8b	??	8Bh	
code:0009d1.1 e8	??	E8h	
code:0009d2 93	??	93h	
code:0009d2.1 e0	??	E0h	
code:0009d3 90	??	90h	
code:0009d3.1 93	??	93h	
code:0009d4 df	??	DFh	
code:0009d4.1 0a	??	0Ah	
code:0009d5 80	??	80h	
code:0009d5.1 93	??	93h	
code:0009d6 de	??	DEh	
code:0009d6.1 0a	??	0Ah	
code:0009d7 8c	??	8Ch	
code:0009d7.1 e9	??	E9h	
code:0009d8 93	??	93h	
code:0009d8.1 e0	??	E0h	
code:0009d9 90	??	90h	
code:0009d9.1 93	??	93h	
code:0009da e1	??	E1h	
code:0009da.1 0a	??	0Ah	
code:0009db 80	??	80h	
code:0009db.1 93	??	93h	
code:0009dc e0	??	E0h	
code:0009dc.1 0a	??	0Ah	
code:0009dd 49	??	49h	I
code:0009dd.1 e2	??	E2h	
code:0009de 68	??	68h	h
code:0009de.1 e2	??	E2h	
code:0009df 82	??	82h	
code:0009df.1 ee	??	EEh	
code:0009e0 9a	??	9Ah	
code:0009e0.1 e0	??	E0h	
code:0009e1 0e	??	0Eh	
code:0009e1.1 94	??	94h	
code:0009e2 57	??	57h	W
code:0009e2.1 05	??	05h	
code:0009e3 8d	??	8Dh	
code:0009e3.1 ea	??	EAh	
code:0009e4 93	??	93h	
code:0009e4.1 e0	??	E0h	
code:0009e5 90	??	90h	
code:0009e5.1 93	??	93h	
code:0009e6 ef	??	EFh	
code:0009e6.1 0a	??	0Ah	
code:0009e7 80	??	80h	
code:0009e7.1 93	??	93h	
code:0009e8 ee	??	EEh	
code:0009e8.1 0a	??	0Ah	
code:0009e9 8e	??	8Eh	
code:0009e9.1 eb	??	EBh	
code:0009ea 93	??	93h	
code:0009ea.1 e0	??	E0h	
code:0009eb 90	??	90h	
code:0009eb.1 93	??	93h	
code:0009ec f1	??	F1h	
code:0009ec.1 0a	??	0Ah	
code:0009ed 80	??	80h	
code:0009ed.1 93	??	93h	
code:0009ee f0	??	F0h	
code:0009ee.1 0a	??	0Ah	
code:0009ef 40	??	40h	é
code:0009ef.1 e3	??	E3h	
code:0009f0 61	??	61h	a
code:0009f0.1 e3	??	E3h	
code:0009f1 82	??	82h	
code:0009f1.1 ef	??	EFh	
code:0009f2 9a	??	9Ah	
code:0009f2.1 e0	??	E0h	
code:0009f3 0e	??	0Eh	
code:0009f3.1 94	??	94h	
code:0009f4 57	??	57h	W
code:0009f4.1 05	??	05h	
code:0009f5 8f	??	8Fh	
code:0009f5.1 ec	??	ECh	
code:0009f6 93	??	93h	
code:0009f6.1 e0	??	E0h	
code:0009f7 90	??	90h	
code:0009f7.1 93	??	93h	
code:0009f8 ff	??	FFh	
code:0009f8.1 0a	??	0Ah	

code:0009f9	80	??	80h
code:0009f9.1	93	??	93h
code:0009fa	fe	??	FEh
code:0009fa.1	0a	??	0Ah
code:0009fb	8a	??	8Ah
code:0009fb.1	ed	??	EDh
code:0009fc	93	??	93h
code:0009fc.1	e0	??	E0h
code:0009fd	90	??	90h
code:0009fd.1	93	??	93h
code:0009fe	01	??	01h
code:0009fe.1	0b	??	0Bh
code:0009ff	80	??	80h
code:0009ff.1	93	??	93h
code:000a00	00	??	00h
code:000a00.1	0b	??	0Bh
code:000a01	4f	??	4Fh
code:000a01.1	e1	??	E1h
code:000a02	6e	??	6Eh
code:000a02.1	e1	??	E1h
code:000a03	82	??	82h
code:000a03.1	e0	??	E0h
code:000a04	9b	??	9Bh
code:000a04.1	e0	??	E0h
code:000a05	0e	??	0Eh
code:000a05.1	94	??	94h
code:000a06	57	??	57h
code:000a06.1	05	??	05h
code:000a07	85	??	85h
code:000a07.1	ee	??	EEh
code:000a08	93	??	93h
code:000a08.1	e0	??	E0h
code:000a09	90	??	90h
code:000a09.1	93	??	93h
code:000a0a	0f	??	0Fh
code:000a0a.1	0b	??	0Bh
code:000a0b	80	??	80h
code:000a0b.1	93	??	93h
code:000a0c	0e	??	0Eh
code:000a0c.1	0b	??	0Bh
code:000a0d	82	??	82h
code:000a0d.1	ef	??	EFh
code:000a0e	93	??	93h
code:000a0e.1	e0	??	E0h
code:000a0f	90	??	90h
code:000a0f.1	93	??	93h
code:000a10	11	??	11h
code:000a10.1	0b	??	0Bh
code:000a11	80	??	80h
code:000a11.1	93	??	93h
code:000a12	10	??	10h
code:000a12.1	0b	??	0Bh
code:000a13	45	??	45h
code:000a13.1	e2	??	E2h
code:000a14	64	??	64h
code:000a14.1	e2	??	E2h
code:000a15	82	??	82h
code:000a15.1	e1	??	E1h
code:000a16	9b	??	9Bh
code:000a16.1	e0	??	E0h
code:000a17	0e	??	0Eh
code:000a17.1	94	??	94h
code:000a18	57	??	57h
code:000a18.1	05	??	05h
code:000a19	8f	??	8Fh
code:000a19.1	ef	??	EFh
code:000a1a	93	??	93h
code:000a1a.1	e0	??	E0h
code:000a1b	90	??	90h
code:000a1b.1	93	??	93h
code:000a1c	1f	??	1Fh
code:000a1c.1	0b	??	0Bh
code:000a1d	80	??	80h
code:000a1d.1	93	??	93h
code:000a1e	1e	??	1Eh
code:000a1e.1	0b	??	0Bh
code:000a1f	80	??	80h
code:000a1f.1	e1	??	E1h
code:000a20	94	??	94h
code:000a20.1	e0	??	E0h
code:000a21	90	??	90h
code:000a21.1	93	??	93h
code:000a22	21	??	21h
code:000a22.1	0b	??	0Bh
code:000a23	80	??	80h
code:000a23.1	93	??	93h
code:000a24	20	??	20h
code:000a24.1	0b	??	0Bh
code:000a25	46	??	46h

O

n

W

E

d

W

!

F



code:000a25.1 e2	??	E2h	
code:000a26 67	??	67h	g
code:000a26.1 e2	??	E2h	
code:000a27 82	??	82h	
code:000a27.1 e2	??	E2h	
code:000a28 9b	??	9Bh	
code:000a28.1 e0	??	E0h	
code:000a29 0e	??	0Eh	
code:000a29.1 94	??	94h	
code:000a2a 57	??	57h	W
code:000a2a.1 05	??	05h	
code:000a2b 81	??	81h	
code:000a2b.1 e2	??	E2h	
code:000a2c 94	??	94h	
code:000a2c.1 e0	??	E0h	
code:000a2d 90	??	90h	
code:000a2d.1 93	??	93h	
code:000a2e 2f	??	2Fh	/
code:000a2e.1 0b	??	0Bh	
code:000a2f 80	??	80h	
code:000a2f.1 93	??	93h	
code:000a30 2e	??	2Eh	.
code:000a30.1 0b	??	0Bh	
code:000a31 82	??	82h	
code:000a31.1 e3	??	E3h	
code:000a32 94	??	94h	
code:000a32.1 e0	??	E0h	
code:000a33 90	??	90h	
code:000a33.1 93	??	93h	
code:000a34 31	??	31h	1
code:000a34.1 0b	??	0Bh	
code:000a35 80	??	80h	
code:000a35.1 93	??	93h	
code:000a36 30	??	30h	0
code:000a36.1 0b	??	0Bh	
code:000a37 43	??	43h	C
code:000a37.1 e2	??	E2h	
code:000a38 62	??	62h	b
code:000a38.1 e2	??	E2h	
code:000a39 82	??	82h	
code:000a39.1 e3	??	E3h	
code:000a3a 9b	??	9Bh	
code:000a3a.1 e0	??	E0h	
code:000a3b 0e	??	0Eh	
code:000a3b.1 94	??	94h	
code:000a3c 57	??	57h	W
code:000a3c.1 05	??	05h	
code:000a3d 83	??	83h	
code:000a3d.1 e4	??	E4h	
code:000a3e 94	??	94h	
code:000a3e.1 e0	??	E0h	
code:000a3f 90	??	90h	
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code:000a41.1 93	??	93h	
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code:000a42.1 0b	??	0Bh	
code:000a43 8e	??	8Eh	
code:000a43.1 e4	??	E4h	
code:000a44 94	??	94h	
code:000a44.1 e0	??	E0h	
code:000a45 90	??	90h	
code:000a45.1 93	??	93h	
code:000a46 41	??	41h	A
code:000a46.1 0b	??	0Bh	
code:000a47 80	??	80h	
code:000a47.1 93	??	93h	
code:000a48 40	??	40h	@
code:000a48.1 0b	??	0Bh	
code:000a49 41	??	41h	A
code:000a49.1 e2	??	E2h	
code:000a4a 60	??	60h	`
code:000a4a.1 e2	??	E2h	
code:000a4b 82	??	82h	
code:000a4b.1 e4	??	E4h	
code:000a4c 9b	??	9Bh	
code:000a4c.1 e0	??	E0h	
code:000a4d 0e	??	0Eh	
code:000a4d.1 94	??	94h	
code:000a4e 57	??	57h	W
code:000a4e.1 05	??	05h	
code:000a4f 89	??	89h	
code:000a4f.1 e5	??	E5h	
code:000a50 94	??	94h	
code:000a50.1 e0	??	E0h	
code:000a51 90	??	90h	
code:000a51.1 93	??	93h	

code:000a52 4f	??	4Fh	O
code:000a52.1 0b	??	0Bh	
code:000a53 80	??	80h	
code:000a53.1 93	??	93h	
code:000a54 4e	??	4Eh	N
code:000a54.1 0b	??	0Bh	
code:000a55 85	??	85h	
code:000a55.1 e6	??	E6h	
code:000a56 94	??	94h	
code:000a56.1 e0	??	E0h	
code:000a57 90	??	90h	
code:000a57.1 93	??	93h	
code:000a58 51	??	51h	Q
code:000a58.1 0b	??	0Bh	
code:000a59 80	??	80h	
code:000a59.1 93	??	93h	
code:000a5a 50	??	50h	P
code:000a5a.1 0b	??	0Bh	
code:000a5b 48	??	48h	H
code:000a5b.1 e1	??	E1h	
code:000a5c 69	??	69h	i
code:000a5c.1 e1	??	E1h	
code:000a5d 82	??	82h	
code:000a5d.1 e5	??	E5h	
code:000a5e 9b	??	9Bh	
code:000a5e.1 e0	??	E0h	
code:000a5f 0e	??	0Eh	
code:000a5f.1 94	??	94h	
code:000a60 57	??	57h	W
code:000a60.1 05	??	05h	
code:000a61 81	??	81h	
code:000a61.1 e7	??	E7h	
code:000a62 94	??	94h	
code:000a62.1 e0	??	E0h	
code:000a63 90	??	90h	
code:000a63.1 93	??	93h	
code:000a64 5f	??	5Fh	—
code:000a64.1 0b	??	0Bh	
code:000a65 80	??	80h	
code:000a65.1 93	??	93h	
code:000a66 5e	??	5Eh	^
code:000a66.1 0b	??	0Bh	
code:000a67 82	??	82h	
code:000a67.1 e8	??	E8h	
code:000a68 94	??	94h	
code:000a68.1 e0	??	E0h	
code:000a69 90	??	90h	
code:000a69.1 93	??	93h	
code:000a6a 61	??	61h	a
code:000a6a.1 0b	??	0Bh	
code:000a6b 80	??	80h	
code:000a6b.1 93	??	93h	
code:000a6c 60	??	60h	`
code:000a6c.1 0b	??	0Bh	
code:000a6d 47	??	47h	G
code:000a6d.1 e1	??	E1h	
code:000a6e 66	??	66h	f
code:000a6e.1 e1	??	E1h	
code:000a6f 82	??	82h	
code:000a6f.1 e6	??	E6h	
code:000a70 9b	??	9Bh	
code:000a70.1 e0	??	E0h	
code:000a71 0e	??	0Eh	
code:000a71.1 94	??	94h	
code:000a72 57	??	57h	W
code:000a72.1 05	??	05h	
code:000a73 83	??	83h	
code:000a73.1 e9	??	E9h	
code:000a74 94	??	94h	
code:000a74.1 e0	??	E0h	
code:000a75 90	??	90h	
code:000a75.1 93	??	93h	
code:000a76 6f	??	6Fh	o
code:000a76.1 0b	??	0Bh	
code:000a77 80	??	80h	
code:000a77.1 93	??	93h	
code:000a78 6e	??	6Eh	n
code:000a78.1 0b	??	0Bh	
code:000a79 84	??	84h	
code:000a79.1 ea	??	EAh	
code:000a7a 94	??	94h	
code:000a7a.1 e0	??	E0h	
code:000a7b 90	??	90h	
code:000a7b.1 93	??	93h	
code:000a7c 71	??	71h	q
code:000a7c.1 0b	??	0Bh	
code:000a7d 80	??	80h	
code:000a7d.1 93	??	93h	
code:000a7e 70	??	70h	p

code:000a7e.1 0b	??	0Bh	
code:000a7f 43	??	43h	C
code:000a7f.1 e3	??	E3h	
code:000a80 62	??	62h	b
code:000a80.1 e3	??	E3h	
code:000a81 82	??	82h	
code:000a81.1 e7	??	E7h	
code:000a82 9b	??	9Bh	
code:000a82.1 e0	??	E0h	
code:000a83 0e	??	0Eh	
code:000a83.1 94	??	94h	
code:000a84 57	??	57h	W
code:000a84.1 05	??	05h	
code:000a85 85	??	85h	
code:000a85.1 eb	??	EBh	
code:000a86 94	??	94h	
code:000a86.1 e0	??	E0h	
code:000a87 90	??	90h	
code:000a87.1 93	??	93h	
code:000a88 7f	??	7Fh	
code:000a88.1 0b	??	0Bh	
code:000a89 80	??	80h	
code:000a89.1 93	??	93h	
code:000a8a 7e	??	7Eh	~
code:000a8a.1 0b	??	0Bh	
code:000a8b 84	??	84h	
code:000a8b.1 ec	??	ECh	
code:000a8c 94	??	94h	
code:000a8c.1 e0	??	E0h	
code:000a8d 90	??	90h	
code:000a8d.1 93	??	93h	
code:000a8e 81	??	81h	
code:000a8e.1 0b	??	0Bh	
code:000a8f 80	??	80h	
code:000a8f.1 93	??	93h	
code:000a90 80	??	80h	
code:000a90.1 0b	??	0Bh	
code:000a91 45	??	45h	E
code:000a91.1 e3	??	E3h	
code:000a92 64	??	64h	d
code:000a92.1 e3	??	E3h	
code:000a93 82	??	82h	
code:000a93.1 e8	??	E8h	
code:000a94 9b	??	9Bh	
code:000a94.1 e0	??	E0h	
code:000a95 0e	??	0Eh	
code:000a95.1 94	??	94h	
code:000a96 57	??	57h	W
code:000a96.1 05	??	05h	
code:000a97 83	??	83h	
code:000a97.1 ed	??	EDh	
code:000a98 94	??	94h	
code:000a98.1 e0	??	E0h	
code:000a99 90	??	90h	
code:000a99.1 93	??	93h	
code:000a9a 8f	??	8Fh	
code:000a9a.1 0b	??	0Bh	
code:000a9b 80	??	80h	
code:000a9b.1 93	??	93h	
code:000a9c 8e	??	8Eh	
code:000a9c.1 0b	??	0Bh	
code:000a9d 82	??	82h	
code:000a9d.1 ee	??	EEh	
code:000a9e 94	??	94h	
code:000a9e.1 e0	??	E0h	
code:000a9f 90	??	90h	
code:000a9f.1 93	??	93h	
code:000aa0 91	??	91h	
code:000aa0.1 0b	??	0Bh	
code:000aa1 80	??	80h	
code:000aa1.1 93	??	93h	
code:000aa2 90	??	90h	
code:000aa2.1 0b	??	0Bh	
code:000aa3 e2	??	E2h	
code:000aa3.1 e0	??	E0h	
code:000aa4 f9	??	F9h	
code:000aa4.1 e0	??	E0h	
code:000aa5 82	??	82h	
code:000aa5.1 eb	??	EBh	
code:000aa6 9a	??	9Ah	
code:000aa6.1 e0	??	E0h	
code:000aa7 4a	??	4Ah	J
code:000aa7.1 e0	??	E0h	
code:000aa8 50	??	50h	P
code:000aa8.1 e0	??	E0h	
code:000aa9 2e	??	2Eh	.
code:000aa9.1 e2	??	E2h	
code:000aaa 33	??	33h	3
code:000aaa.1 e0	??	E0h	

code:000aab 12	??	12h	
code:000aab.1 82	??	82h	
code:000aac 13	??	13h	
code:000aac.1 82	??	82h	
code:000aad 14	??	14h	
code:000aad.1 82	??	82h	
code:000aae 15	??	15h	
code:000aae.1 82	??	82h	
code:000aaf 57	??	57h	W
code:000aaf.1 83	??	83h	
code:000ab0 46	??	46h	F
code:000ab0.1 83	??	83h	
code:000ab1 10	??	10h	
code:000ab1.1 86	??	86h	
code:000ab2 31	??	31h	l
code:000ab2.1 83	??	83h	
code:000ab3 20	??	20h	
code:000ab3.1 83	??	83h	
code:000ab4 11	??	11h	
code:000ab4.1 8a	??	8Ah	
code:000ab5 72	??	72h	r
code:000ab5.1 96	??	96h	
code:000ab6 8e	??	8Eh	
code:000ab6.1 17	??	17h	
code:000ab7 9f	??	9Fh	
code:000ab7.1 07	??	07h	
code:000ab8 91	??	91h	
code:000ab8.1 f7	??	F7h	
code:000ab9 10	??	10h	
code:000ab9.1 92	??	92h	
code:000aba fd	??	FDh	
code:000aba.1 08	??	08h	
code:000abb 10	??	10h	
code:000abb.1 92	??	92h	
code:000abc fc	??	FCh	
code:000abc.1 08	??	08h	
code:000abd 10	??	10h	
code:000abd.1 92	??	92h	
code:000abe ff	??	FFh	
code:000abe.1 08	??	08h	
code:000abf 10	??	10h	
code:000abf.1 92	??	92h	
code:000ac0 fe	??	FEh	
code:000ac0.1 08	??	08h	
code:000ac1 10	??	10h	
code:000ac1.1 92	??	92h	
code:000ac2 01	??	01h	
code:000ac2.1 09	??	09h	
code:000ac3 10	??	10h	
code:000ac3.1 92	??	92h	
code:000ac4 00	??	00h	
code:000ac4.1 09	??	09h	
code:000ac5 50	??	50h	P
code:000ac5.1 e0	??	E0h	
code:000ac6 40	??	40h	@
code:000ac6.1 e0	??	E0h	
code:000ac7 61	??	61h	a
code:000ac7.1 e1	??	E1h	
code:000ac8 75	??	75h	u
code:000ac8.1 e0	??	E0h	
code:000ac9 8c	??	8Ch	
code:000ac9.1 ef	??	EFh	
code:000aca 98	??	98h	
code:000aca.1 e0	??	E0h	
code:000acb 0e	??	0Eh	
code:000acb.1 94	??	94h	
code:000acc 50	??	50h	P
code:000acc.1 07	??	07h	
code:000acd 10	??	10h	
code:000acd.1 92	??	92h	
code:000ace f7	??	F7h	
code:000ace.1 08	??	08h	
code:000acf 10	??	10h	
code:000acf.1 92	??	92h	
code:000ad0 f6	??	F6h	
code:000ad0.1 08	??	08h	
code:000ad1 10	??	10h	
code:000ad1.1 92	??	92h	
code:000ad2 f9	??	F9h	
code:000ad2.1 08	??	08h	
code:000ad3 10	??	10h	
code:000ad3.1 92	??	92h	
code:000ad4 f8	??	F8h	
code:000ad4.1 08	??	08h	
code:000ad5 10	??	10h	
code:000ad5.1 92	??	92h	
code:000ad6 fb	??	FBh	
code:000ad6.1 08	??	08h	
code:000ad7 10	??	10h	

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code:000ad7.1 92      ??      92h
code:000ad8 fa       ??      FAh
code:000ad8.1 08      ??      08h
code:000ad9 4d       ??      4Dh    M
code:000ad9.1 e0      ??      E0h
code:000ada 50       ??      50h    P
code:000ada.1 e0      ??      E0h
code:000adb 61       ??      61h    a
code:000adb.1 ef       ??      EFh
code:000adc 74       ??      74h    t
code:000adc.1 e0      ??      E0h
code:000add 86       ??      86h
code:000add.1 ef       ??      EFh
code:000ade 98       ??      98h
code:000ade.1 e0      ??      E0h
code:000adf 0c       ??      0Ch
code:000adf.1 94      ??      94h
code:000ae0 50       ??      50h    P
code:000ae0.1 07      ??      07h

```

```

*****
*                               FUNCTION                               *
*****

```

```

undefined FUN_code_000ae1()
R24:1 <RETURN>
FUN_code_000ae1 XREF [1]: FUN_code_00017c:0001a%(c)
code:000ae1 cf 93      push    Ylo
code:000ae2 df 93      push    Yhi
code:000ae3 cd b7      in      Ylo,SPL
code:000ae4 de b7      in      Yhi,SPH
code:000ae5 60 97      sbiw   Y,0x10
code:000ae6 0f b6      in      R0,SREG
code:000ae7 f8 94      cli
code:000ae8 de bf      out    SPH,Yhi
code:000ae9 0f be      out    SREG,R0
code:000aea cd bf      out    SPL,Ylo
code:000aeb 78 94      bset   Iflg
code:000aec 84 b5      in      R24,TCCR0A = ??
code:000aed 82 60      ori    R24,0x2
code:000aee 84 bd      out    TCCR0A,R24 = ??
code:000aef 84 b5      in      R24,TCCR0A = ??
code:000af0 81 60      ori    R24,0x1
code:000af1 84 bd      out    TCCR0A,R24 = ??
code:000af2 85 b5      in      R24,TCCR0B = ??
code:000af3 82 60      ori    R24,0x2
code:000af4 85 bd      out    TCCR0B,R24 = ??
code:000af5 85 b5      in      R24,TCCR0B = ??
code:000af6 81 60      ori    R24,0x1
code:000af7 85 bd      out    TCCR0B,R24 = ??
code:000af8 80 91 6e 00  lds    R24,TIMSK0 = ??
code:000afa 81 60      ori    R24,0x1
code:000afb 80 93 6e 00  sts    TIMSK0,R24 = ??
code:000afd 10 92 81 00  sts    TCCR1B,R1 = ??
code:000aff 80 91 81 00  lds    R24,TCCR1B = ??
code:000b01 82 60      ori    R24,0x2
code:000b02 80 93 81 00  sts    TCCR1B,R24 = ??
code:000b04 80 91 81 00  lds    R24,TCCR1B = ??
code:000b06 81 60      ori    R24,0x1
code:000b07 80 93 81 00  sts    TCCR1B,R24 = ??
code:000b09 80 91 80 00  lds    R24,TCCR1A = ??
code:000b0b 81 60      ori    R24,0x1
code:000b0c 80 93 80 00  sts    TCCR1A,R24 = ??
code:000b0e 80 91 b1 00  lds    R24,TCCR2B = ??
code:000b10 84 60      ori    R24,0x4
code:000b11 80 93 b1 00  sts    TCCR2B,R24 = ??
code:000b13 80 91 b0 00  lds    R24,TCCR2A = ??
code:000b15 81 60      ori    R24,0x1
code:000b16 80 93 b0 00  sts    TCCR2A,R24 = ??
code:000b18 80 91 91 00  lds    R24,TCCR3B = ??
code:000b1a 82 60      ori    R24,0x2
code:000b1b 80 93 91 00  sts    TCCR3B,R24 = ??
code:000b1d 80 91 91 00  lds    R24,TCCR3B = ??
code:000b1f 81 60      ori    R24,0x1
code:000b20 80 93 91 00  sts    TCCR3B,R24 = ??
code:000b22 80 91 90 00  lds    R24,TCCR3A = ??
code:000b24 81 60      ori    R24,0x1
code:000b25 80 93 90 00  sts    TCCR3A,R24 = ??
code:000b27 80 91 a1 00  lds    R24,TCCR4B = ??
code:000b29 82 60      ori    R24,0x2
code:000b2a 80 93 a1 00  sts    TCCR4B,R24 = ??
code:000b2c 80 91 a1 00  lds    R24,TCCR4B = ??
code:000b2e 81 60      ori    R24,0x1
code:000b2f 80 93 a1 00  sts    TCCR4B,R24 = ??
code:000b31 80 91 a0 00  lds    R24,TCCR4A = ??
code:000b33 81 60      ori    R24,0x1
code:000b34 80 93 a0 00  sts    TCCR4A,R24 = ??
code:000b36 80 91 21 01  lds    R24,TCCR5B = ??
code:000b38 82 60      ori    R24,0x2
code:000b39 80 93 21 01  sts    TCCR5B,R24 = ??

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code:000b3b 80 91 21 01 lds R24,TCCSR5B = ??
code:000b3d 81 60 ori R24,0x1
code:000b3e 80 93 21 01 sts TCCSR5B,R24 = ??
code:000b40 80 91 20 01 lds R24,TCCSR5A = ??
code:000b42 81 60 ori R24,0x1
code:000b43 80 93 20 01 sts TCCSR5A,R24 = ??
code:000b45 80 91 7a 00 lds R24,ADCSRA = ??
code:000b47 84 60 ori R24,0x4
code:000b48 80 93 7a 00 sts ADCSRA,R24 = ??
code:000b4a 80 91 7a 00 lds R24,ADCSRA = ??
code:000b4c 82 60 ori R24,0x2
code:000b4d 80 93 7a 00 sts ADCSRA,R24 = ??
code:000b4f 80 91 7a 00 lds R24,ADCSRA = ??
code:000b51 81 60 ori R24,0x1
code:000b52 80 93 7a 00 sts ADCSRA,R24 = ??
code:000b54 80 91 7a 00 lds R24,ADCSRA = ??
code:000b56 80 68 ori R24,0x80
code:000b57 80 93 7a 00 sts ADCSRA,R24 = ??
code:000b59 10 92 c1 00 sts UCSROB,R1 = ??
code:000b5b e0 91 60 08 lds Z10,DAT_mem_0860 = ??
code:000b5d f0 91 61 08 lds Zhi,DAT_mem_0861 = ??
code:000b5f 82 e0 ldi R24,0x2
code:000b60 80 83 st Z,R24
code:000b61 e0 91 5c 08 lds Z10,DAT_mem_085c = ??
code:000b63 f0 91 5d 08 lds Zhi,DAT_mem_085d = ??
code:000b65 10 82 st Z,R1
code:000b66 e0 91 5e 08 lds Z10,DAT_mem_085e = ??
code:000b68 f0 91 5f 08 lds Zhi,DAT_mem_085f = ??
code:000b6a 80 e1 ldi R24,0x10
code:000b6b 80 83 st Z,R24
code:000b6c 10 92 68 08 sts DAT_mem_0868,R1 = ??
code:000b6e e0 91 64 08 lds Z10,DAT_mem_0864 = ??
code:000b70 f0 91 65 08 lds Zhi,DAT_mem_0865 = ??
code:000b72 86 e0 ldi R24,0x6
code:000b73 80 83 st Z,R24
code:000b74 e0 91 62 08 lds Z10,DAT_mem_0862 = ??
code:000b76 f0 91 63 08 lds Zhi,DAT_mem_0863 = ??
code:000b78 80 81 ld R24,Z
code:000b79 80 61 ori R24,0x10
code:000b7a 80 83 st Z,R24
code:000b7b e0 91 62 08 lds Z10,DAT_mem_0862 = ??
code:000b7d f0 91 63 08 lds Zhi,DAT_mem_0863 = ??
code:000b7f 80 81 ld R24,Z
code:000b80 88 60 ori R24,0x8
code:000b81 80 83 st Z,R24
code:000b82 e0 91 62 08 lds Z10,DAT_mem_0862 = ??
code:000b84 f0 91 63 08 lds Zhi,DAT_mem_0863 = ??
code:000b86 80 81 ld R24,Z
code:000b87 80 68 ori R24,0x80
code:000b88 80 83 st Z,R24
code:000b89 e0 91 62 08 lds Z10,DAT_mem_0862 = ??
code:000b8b f0 91 63 08 lds Zhi,DAT_mem_0863 = ??
code:000b8d 80 81 ld R24,Z
code:000b8e 8f 7d andi R24,0xdf
code:000b8f 80 83 st Z,R24
code:000b90 82 e3 ldi R24,0x32
code:000b91 90 e0 ldi R25,0x0
code:000b92 a0 e0 ldi X10,0x0
code:000b93 b0 e0 ldi Xhi,0x0
code:000b94 80 93 54 08 sts DAT_mem_0854,R24 = ??
code:000b96 90 93 55 08 sts DAT_mem_0855,R25 = ??
code:000b98 a0 93 56 08 sts DAT_mem_0856,X10 = ??
code:000b9a b0 93 57 08 sts DAT_mem_0857,Xhi = ??
code:000b9c 68 ee ldi R22,0xe8
code:000b9d 73 e0 ldi R23,0x3
code:000b9e 80 e0 ldi R24,0x0
code:000b9f 90 e0 ldi R25,0x0
code:000ba0 0e 94 f6 03 call FUN_code_0003f6 undefinedFUN_code_0003f6 ()
code:000ba2 3e ee ldi R19,0xee
code:000ba3 c3 2e mov R12,R19
code:000ba4 38 e0 ldi R19,0x8
code:000ba5 d3 2e mov R13,R19
code:000ba6 8e 01 movw R17R16,Y
code:000ba7 0f 5f subi R16,0xff
code:000ba8 1f 4f sbci R17,0xff

LAB_code_000ba9 XREF [1]: code:000bfe(j)
code:000ba9 d6 01 movw X,R13R12
code:000baa 8d 91 ld R24,X+=>DAT_mem_08ee = ??
code:000bab 6d 01 movw R13R12,X
code:000bac 1b 86 std Y+0xb,R1
code:000bad 1a 86 std Y+0xa,R1
code:000bae 1d 86 std Y+0xd,R1
code:000baf 1c 86 std Y+0xc,R1
code:000bb0 1f 86 std Y+0xf,R1
code:000bb1 1e 86 std Y+0xe,R1
code:000bb2 40 e1 ldi R20,0x10
code:000bb3 b8 01 movw R23R22,R17R16
code:000bb4 90 e0 ldi R25,0x0

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code:000bb5 0e 94 cd 0f    call    FUN_code_000fcd                undefinedFUN_code_000fcd ()
code:000bb7 f8 01        movw   Z,R17R16

LAB_code_000bb8                                XREF [1]:    code:000bba(j)
code:000bb8 01 90        ld     R0,Z+
code:000bb9 00 20        and   R0,R0
code:000bba e9 f7        brbc  LAB_code_000bb8,Zflg
code:000bbb 31 97        sbiw  Z,0x1
code:000bbc af 01        movw  R21R20,Z
code:000bbd 40 1b        sub   R20,R16
code:000bbe 51 0b        sbc   R21,R17
code:000bbf b8 01        movw  R23R22,R17R16
code:000bc0 ce 01        movw  R25R24,Y
code:000bc1 0a 96        adiw  R25R24,0xa
code:000bc2 0e 94 50 07    call  FUN_code_000750                undefinedFUN_code_000750 ()
code:000bc4 1a 82        std   Y+0x2,R1
code:000bc5 19 82        std   Y+0x1,R1
code:000bc6 1c 82        std   Y+0x4,R1
code:000bc7 1b 82        std   Y+0x3,R1
code:000bc8 1e 82        std   Y+0x6,R1
code:000bc9 1d 82        std   Y+0x5,R1
code:000bca 6c ef        ldi   R22,0xfc
code:000bcb 78 e0        ldi   R23,0x8
code:000bcc c8 01        movw  R25R24,R17R16
code:000bcd 0e 94 71 07    call  FUN_code_000771                undefinedFUN_code_000771 ()
code:000bcf 8e 85        ldd   R24,Y+0xe
code:000bd0 9f 85        ldd   R25,Y+0xf
code:000bd1 aa 84        ldd   R10,Y+0xa
code:000bd2 bb 84        ldd   R11,Y+0xb
code:000bd3 ed 80        ldd   R14,Y+0x5
code:000bd4 fe 80        ldd   R15,Y+0x6
code:000bd5 e8 0e        add   R14,R24
code:000bd6 f9 1e        adc   R15,R25
code:000bd7 a1 14        cp    R10,R1
code:000bd8 b1 04        cpc   R11,R1
code:000bd9 c9 f1        brbs  LAB_code_000c13,Zflg
code:000bda 89 2b        or    R24,R25
code:000bdb 89 f0        brbs  LAB_code_000bed,Zflg
code:000bdc b7 01        movw  R23R22,R15R14
code:000bdd c8 01        movw  R25R24,R17R16
code:000bde 0e 94 16 07    call  FUN_code_000716                undefinedFUN_code_000716 ()
code:000be0 88 23        and   R24,R24
code:000be1 89 f1        brbs  LAB_code_000c13,Zflg
code:000be2 29 81        ldd   R18,Y+0x1
code:000be3 3a 81        ldd   R19,Y+0x2
code:000be4 8d 81        ldd   R24,Y+0x5
code:000be5 9e 81        ldd   R25,Y+0x6
code:000be6 b5 01        movw  R23R22,R11R10
code:000be7 82 0f        add   R24,R18
code:000be8 93 1f        adc   R25,R19
code:000be9 0e 94 5c 12    call  FUN_code_00125c                undefinedFUN_code_00125c ()
code:000beb fe 82        std   Y+0x6,R15
code:000bec ed 82        std   Y+0x5,R14

LAB_code_000bed                                XREF [2]:    code:000bdb(j), code:000c16(j)
code:000bed b8 01        movw  R23R22,R17R16
code:000bee 8c ef        ldi   R24,0xfc
code:000bef 98 e0        ldi   R25,0x8
code:000bf0 0e 94 71 07    call  FUN_code_000771                undefinedFUN_code_000771 ()
code:000bf2 c8 01        movw  R25R24,R17R16
code:000bf3 0e 94 88 07    call  FUN_code_000788                undefinedFUN_code_000788 ()
code:000bf5 ce 01        movw  R25R24,Y
code:000bf6 0a 96        adiw  R25R24,0xa
code:000bf7 0e 94 88 07    call  FUN_code_000788                undefinedFUN_code_000788 ()
code:000bf9 b6 ef        ldi   Xhi,0xf6
code:000bfa cb 16        cp    R12,Xhi
code:000bfb b8 e0        ldi   Xhi,0x8
code:000bfc db 06        cpc   R13,Xhi
code:000bfd 09 f0        brbs  LAB_code_000bff,Zflg
code:000bfe aa cf        rjmp  LAB_code_000ba9

LAB_code_000bff                                XREF [1]:    code:000bfd(j)
code:000bff 00 91 fc 08    lds   R16,DAT_mem_08fc
code:000c01 10 91 fd 08    lds   R17,DAT_mem_08fd
code:000c03 01 15        cp    R16,R1
code:000c04 11 05        cpc   R17,R1
code:000c05 89 f0        brbs  LAB_code_000c17,Zflg

LAB_code_000c06                                XREF [1]:    code:000c12(j)
code:000c06 f8 01        movw  Z,R17R16
code:000c07 80 81        ld    R24,Z
code:000c08 88 23        and   R24,R24
code:000c09 69 f0        brbs  LAB_code_000c17,Zflg
code:000c0a 08 2e        mov   R0,R24
code:000c0b 00 0c        add   R0,R0
code:000c0c 99 0b        sbc   R25,R25
code:000c0d 0e 94 4b 12    call  FUN_code_00124b                undefinedFUN_code_00124b ()
code:000c0f d8 01        movw  X,R17R16
code:000c10 8d 93        st    X+,R24

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code:000c6c c8 01      movw      R25R24,R17R16
code:000c6d 19 95      eicall
code:000c6e f8 01      movw      Z,R17R16
code:000c6f d1 8a      std       Z+0x11=>DAT_mem_0913,R13      = ??
code:000c70 10 86      std       Z+0x8=>DAT_mem_090a,R1       = ??
code:000c71 01 90      ld        R0,Z+>DAT_mem_0902          = ??
code:000c72 f0 81      ld        Zhi,Z=>DAT_mem_0903         = ??
code:000c73 e0 2d      mov       Zlo,R0
code:000c74 01 90      ld        R0,Z+
code:000c75 f0 81      ld        Zhi,Z
code:000c76 e0 2d      mov       Zlo,R0
code:000c77 c8 01      movw      R25R24,R17R16
code:000c78 19 95      eicall
code:000c79 88 23      and       R24,R24
code:000c7a 39 f0      brbs     LAB_code_000c82,Zflg
code:000c7b d8 01      movw      X,R17R16
code:000c7c 18 96      adiw     X,0x8
code:000c7d 8c 91      ld        R24,X=>DAT_mem_090a         = ??
code:000c7e 18 97      sbiw     X,0x8
code:000c7f 83 60      ori      R24,0x3
code:000c80 18 96      adiw     X,0x8
code:000c81 8c 93      st       X,R24=>DAT_mem_090a         = ??

LAB_code_000c82
code:000c82 0e 94 28 04 call      FUN_code_000428
code:000c84 f8 01      movw      Z,R17R16
code:000c85 62 83      std       Z+0x2=>DAT_mem_0904,R22     = ??
code:000c86 73 83      std       Z+0x3=>DAT_mem_0905,R23     = ??
code:000c87 84 83      std       Z+0x4=>DAT_mem_0906,R24     = ??
code:000c88 95 83      std       Z+0x5=>DAT_mem_0907,R25     = ??
code:000c89 b7 82      std       Z+0x7=>DAT_mem_0909,R11     = ??
code:000c8a a6 82      std       Z+0x6=>DAT_mem_0908,R10     = ??
code:000c8b f4 e0      ldi      Zhi,0x4
code:000c8c ef 0e      add      R14,Zhi
code:000c8d f1 1c      adc      R15,R1
code:000c8e 0e 5e      subi     R16,0xee
code:000c8f 1f 4f      sbci     R17,0xff
code:000c90 2a e0      ldi      R18,0xa
code:000c91 02 3b      cpi      R16,0xb2
code:000c92 12 07      cpc      R17,R18
code:000c93 61 f6      brbc     LAB_code_000c60,Zflg
code:000c94 f0 e5      ldi      Zhi,0x50
code:000c95 cf 2e      mov      R12,Zhi
code:000c96 f8 e0      ldi      Zhi,0x8
code:000c97 df 2e      mov      R13,Zhi
code:000c98 08 e1      ldi      R16,0x18
code:000c99 18 e0      ldi      R17,0x8
code:000c9a a2 eb      ldi      Xlo,0xb2
code:000c9b ea 2e      mov      R14,Xlo
code:000c9c aa e0      ldi      Xlo,0xa
code:000c9d fa 2e      mov      R15,Xlo

LAB_code_000c9e
code:000c9e c7 01      movw      R25R24,R15R14
code:000c9f 0e 94 fd 04 call      FUN_code_0004fd
code:000ca1 d8 01      movw      X,R17R16
code:000ca2 6d 93      st       X+>DAT_mem_0818,R22          = ??
code:000ca3 7d 93      st       X+>DAT_mem_0819,R23          = ??
code:000ca4 8d 93      st       X+>DAT_mem_081a,R24          = ??
code:000ca5 9d 93      st       X+>DAT_mem_081b,R25          = ??
code:000ca6 8d 01      movw     R17R16,X
code:000ca7 b0 e1      ldi      Xhi,0x10
code:000ca8 eb 0e      add      R14,Xhi
code:000ca9 f1 1c      adc      R15,R1
code:000caa c0 16      cp       R12,R16
code:000cab d1 06      cpc      R13,R17
code:000cac 89 f7      brbc     LAB_code_000c9e,Zflg
code:000cad ee e1      ldi      Zlo,0x1e
code:000cae ee 2e      mov      R14,Zlo
code:000caf e2 e0      ldi      Zlo,0x2
code:000cb0 fe 2e      mov      R15,Zlo
code:000cb1 87 01      movw     R17R16,R15R14

LAB_code_000cb2
code:000cb2 f8 01      movw      Z,R17R16
code:000cb3 c1 90      ld        R12,Z+>DAT_mem_021e         = ??
code:000cb4 d1 90      ld        R13,Z+>DAT_mem_021f         = ??
code:000cb5 8f 01      movw     R17R16,Z
code:000cb6 c1 14      cp       R12,R1
code:000cb7 d1 04      cpc      R13,R1
code:000cb8 41 f0      brbs     LAB_code_000cc1,Zflg
code:000cb9 61 e0      ldi      R22,0x1
code:000cba 8c 2d      mov      R24,R12
code:000cbb 0e 94 95 03 call      FUN_code_000395
code:000cbd 61 e0      ldi      R22,0x1
code:000cbe 8c 2d      mov      R24,R12
code:000cbf 0e 94 67 03 call      FUN_code_000367
XREF [1]: code:000c7a(j) undefinedFUN_code_000428()
XREF [1]: code:000c9a(j) undefinedFUN_code_0004fd()
XREF [1]: code:000cc4(j) undefinedFUN_code_000395()
XREF [1]: undefinedFUN_code_000367()

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	LAB_code_000d27	XREF [1]:	code:000cf6(j)
code:000d27 68 e1	ldi R22,0x18		
code:000d28 e6 2e	mov R14,R22		
code:000d29 68 e0	ldi R22,0x8		
code:000d2a f6 2e	mov R15,R22		
code:000d2b 02 eb	ldi R16,0xb2		
code:000d2c 1a e0	ldi R17,0xa		
	LAB_code_000d2d	XREF [1]:	code:000d88(j)
code:000d2d 91 e0	ldi R25,0x1		
code:000d2e bf ef	ser Xhi		
code:000d2f 6b 16	cp R6,Xhi		
code:000d30 b4 e0	ldi Xhi,0x4		
code:000d31 7b 06	cpc R7,Xhi		
code:000d32 09 f0	brbs LAB_code_000d34,Zflg		
code:000d33 90 e0	ldi R25,0x0		
	LAB_code_000d34	XREF [1]:	code:000d32(j)
code:000d34 f8 01	movw Z,R17R16		
code:000d35 24 85	ldd R18,Z+0xc=>DAT_mem_0abe		= ??
code:000d36 35 85	ldd R19,Z+0xd=>DAT_mem_0abf		= ??
code:000d37 f3 e0	ldi Zhi,0x3		
code:000d38 2f 3c	cpi R18,0xcf		
code:000d39 3f 07	cpc R19,Zhi		
code:000d3a 09 f4	brbc LAB_code_000d3c,Zflg		
code:000d3b d2 c1	rjmp LAB_code_000f0e		
	LAB_code_000d3c	XREF [1]:	code:000d3a(j)
code:000d3c 22 51	subi R18,0x12		
code:000d3d 35 40	sbc R19,0x5		
code:000d3e 09 f4	brbc LAB_code_000d40,Zflg		
code:000d3f ce c1	rjmp LAB_code_000f0e		
	LAB_code_000d40	XREF [1]:	code:000d3e(j)
code:000d40 d8 01	movw X,R17R16		
code:000d41 1e 96	adiw X,0xe		
code:000d42 2d 91	ld R18,X+>DAT_mem_0ac0		= ??
code:000d43 3c 91	ld R19,X+>DAT_mem_0ac1		= ??
code:000d44 81 e0	ldi R24,0x1		
code:000d45 b3 e0	ldi Xhi,0x3		
code:000d46 2a 3d	cpi R18,0xda		
code:000d47 3b 07	cpc R19,Xhi		
code:000d48 21 f0	brbs LAB_code_000d4d,Zflg		
code:000d49 2d 51	subi R18,0x1d		
code:000d4a 35 40	sbc R19,0x5		
code:000d4b 09 f0	brbs LAB_code_000d4d,Zflg		
code:000d4c 80 e0	ldi R24,0x0		
	LAB_code_000d4d	XREF [3]:	code:000d48(j), code:000d4b(j), code:000f0f(j)
code:000d4d 99 23	and R25,R25		
code:000d4e 09 f4	brbc LAB_code_000d50,Zflg		
code:000d4f e0 c1	rjmp LAB_code_000f10		
	LAB_code_000d50	XREF [1]:	code:000d4e(j)
code:000d50 88 23	and R24,R24		
code:000d51 09 f4	brbc LAB_code_000d53,Zflg		
code:000d52 bd c1	rjmp LAB_code_000f10		
	LAB_code_000d53	XREF [1]:	code:000d51(j)
code:000d53 c8 01	movw R25R24,R17R16		
code:000d54 0e 94 fd 04	call FUN_code_0004fd		undefinedFUN_code_0004fd()
code:000d56 24 e0	ldi R18,0x4		
code:000d57 30 e0	ldi R19,0x0		
code:000d58 40 e0	ldi R20,0x0		
code:000d59 50 e0	ldi R21,0x0		
	LAB_code_000d5a	XREF [1]:	code:000f17(j)
code:000d5a 0e 94 19 10	call FUN_code_001019		undefinedFUN_code_001019()
code:000d5c 19 01	movw R3R2,R19R18		
code:000d5d 2a 01	movw R5R4,R21R20		
code:000d5e f7 01	movw Z,R15R14		
code:000d5f 80 81	ld R24,Z=>DAT_mem_0818		= ??
code:000d60 91 81	ldd R25,Z+0x1=>DAT_mem_0819		= ??
code:000d61 a2 81	ldd Xlo,Z+0x2=>DAT_mem_081a		= ??
code:000d62 b3 81	ldd Xhi,Z+0x3=>DAT_mem_081b		= ??
code:000d63 82 15	cp R24,R2		
code:000d64 93 05	cpc R25,R3		
code:000d65 a4 05	cpc Xlo,R4		
code:000d66 b5 05	cpc Xhi,R5		
code:000d67 0c f0	brbs LAB_code_000d69,Sflg		
code:000d68 af c1	rjmp LAB_code_000f18		
	LAB_code_000d69	XREF [1]:	code:000d67(j)
code:000d69 d8 01	movw X,R17R16		
code:000d6a 1e 96	adiw X,0xe		
code:000d6b 8d 91	ld R24,X+>DAT_mem_0ac0		= ??
code:000d6c 9c 91	ld R25,X+>DAT_mem_0ac1		= ??

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code:000d6d 0e 94 06 06    call    FUN_code_000606                undefinedFUN_code_000606 ()
code:000d6f 86 ed        ldi     R24,0xd6
code:000d70 92 e0        ldi     R25,0x2

LAB_code_000d71
code:000d71 0e 94 9c 02    call    FUN_code_00029c                undefinedFUN_code_00029c ()
code:000d73 80 92 0a 02    sts    DAT_mem_020a,R8                = ??
code:000d75 90 92 0b 02    sts    DAT_mem_020b,R9                = ??
code:000d77 a0 92 0c 02    sts    DAT_mem_020c,R10               = ??
code:000d79 b0 92 0d 02    sts    DAT_mem_020d,R11               = ??

LAB_code_000d7b
code:000d7b d7 01        movw   X,R15R14
code:000d7c 2d 92        st     X+=>DAT_mem_0818,R2            = ??
code:000d7d 3d 92        st     X+=>DAT_mem_0819,R3            = ??
code:000d7e 4d 92        st     X+=>DAT_mem_081a,R4            = ??
code:000d7f 5d 92        st     X+=>DAT_mem_081b,R5            = ??
code:000d80 7d 01        movw   R15R14,X
code:000d81 00 5f        subi  R16,0xf0
code:000d82 1f 4f        sbci  R17,0xff
code:000d83 e2 e9        ldi   Z10,0x92
code:000d84 fb e0        ldi   Zhi,0xb
code:000d85 e0 17        cp    Z10,R16
code:000d86 f1 07        cpc  Zhi,R17
code:000d87 09 f0        brbs  LAB_code_000d89,Zflg
code:000d88 a4 cf        rjmp  LAB_code_000d2d

LAB_code_000d89
code:000d89 5c ea        ldi   R21,0xac
code:000d8a c5 2e        mov   R12,R21
code:000d8b 52 e0        ldi   R21,0x2
code:000d8c d5 2e        mov   R13,R21
code:000d8d 02 e0        ldi   R16,0x2
code:000d8e 19 e0        ldi   R17,0x9
code:000d8f f1 2c        mov   R15,R1
code:000d90 e1 2c        mov   R14,R1

LAB_code_000d91
code:000d91 d8 01        movw  X,R17R16
code:000d92 18 96        adiw  X,0x8
code:000d93 8c 91        ld    R24,X=>DAT_mem_090a            = ??
code:000d94 18 97        sbiw  X,0x8
code:000d95 8b 7f        andi  R24,0xfb
code:000d96 18 96        adiw  X,0x8
code:000d97 8c 93        st    X,R24=>DAT_mem_090a            = ??
code:000d98 18 97        sbiw  X,0x8
code:000d99 ed 91        ld    Z10,X+=>DAT_mem_0902            = ??
code:000d9a fc 91        ld    Zhi,X=>DAT_mem_0903            = ??
code:000d9b 01 90        ld    R0,Z+
code:000d9c f0 81        ld    Zhi,Z
code:000d9d e0 2d        mov   Z10,R0
code:000d9e c8 01        movw  R25R24,R17R16
code:000d9f 19 95        eicall
code:000da0 88 8b        std  Y+0x10,R24
code:000da1 f8 01        movw  Z,R17R16
code:000da2 80 85        ldd  R24,Z+0x8=>DAT_mem_090a        = ??
code:000da3 86 95        lsr  R24
code:000da4 81 70        andi  R24,0x1
code:000da5 28 88        ldd  R2,Y+0x10
code:000da6 28 16        cp    R2,R24
code:000da7 09 f4        brbc  LAB_code_000da9,Zflg
code:000da8 7d c1        rjmp  LAB_code_000f26

LAB_code_000da9
code:000da9 0e 94 28 04    call    FUN_code_000428                undefinedFUN_code_000428 ()
code:000dab d8 01        movw  X,R17R16
code:000dac 12 96        adiw  X,0x2
code:000dad 6d 93        st    X+=>DAT_mem_0904,R22            = ??
code:000dae 7d 93        st    X+=>DAT_mem_0905,R23            = ??
code:000daf 8d 93        st    X+=>DAT_mem_0906,R24            = ??
code:000db0 9c 93        st    X,R25=>DAT_mem_0907            = ??
code:000db1 15 97        sbiw  X,0x5
code:000db2 18 96        adiw  X,0x8
code:000db3 8c 91        ld    R24,X=>DAT_mem_090a            = ??
code:000db4 b2 e0        ldi   Xhi,0x2
code:000db5 8b 27        eor  R24,Xhi
code:000db6 f8 01        movw  Z,R17R16
code:000db7 80 87        std  Z+0x8=>DAT_mem_090a,R24        = ??

LAB_code_000db8
code:000db8 c8 01        movw  R25R24,R17R16
code:000db9 0e 94 9b 04    call    FUN_code_00049b                undefinedFUN_code_00049b ()
code:000dbb 81 11        cpse  R24,R1
code:000dbc 06 c0        rjmp  LAB_code_000dc3
code:000dbd c8 01        movw  R25R24,R17R16
code:000dbe 0e 94 a5 04    call    FUN_code_0004a5                undefinedFUN_code_0004a5 ()
code:000dbc0 88 23        and  R24,R24
code:000dc1 09 f4        brbc  LAB_code_000dc3,Zflg

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code:000dc2 de c1      rjmp      LAB_code_000fa1

LAB_code_000dc3
code:000dc3 41 e0      ldi       R20,0x1
code:000dc4 b8 e2      ldi       Xhi,0x28
code:000dc5 6b 16      cp        R6,Xhi
code:000dc6 b5 e0      ldi       Xhi,0x5
code:000dc7 7b 06      cpc      R7,Xhi
code:000dc8 09 f0      brbs     LAB_code_000dca,Zf1g
code:000dc9 40 e0      ldi       R20,0x0

LAB_code_000dca
code:000dca f6 01      movw     Z,R13R12
code:000dcb 80 81      ld       R24,Z=>DAT_mem_02ac
code:000dcc 91 81      ldd     R25,Z+0x1=>DAT_mem_02ad
code:000dcd 9c 01      movw     R19R18,R25R24
code:000dce 2b 7f      andi     R18,0xfb
code:000dcf 23 32      cpi     R18,0x23
code:000dd0 31 05      cpc     R19,R1
code:000dd1 09 f4      brbc     LAB_code_000dd3,Zf1g
code:000dd2 a3 c1      rjmp     LAB_code_000f76

LAB_code_000dd3
code:000dd3 21 e0      ldi     R18,0x1
code:000dd4 8b 32      cpi     R24,0x2b
code:000dd5 91 05      cpc     R25,R1
code:000dd6 21 f0      brbs     LAB_code_000ddb,Zf1g
code:000dd7 8d 32      cpi     R24,0x2d
code:000dd8 91 05      cpc     R25,R1
code:000dd9 09 f0      brbs     LAB_code_000ddb,Zf1g
code:000dda 20 e0      ldi     R18,0x0

LAB_code_000ddb
code:000ddb 44 23      and     R20,R20
code:000ddc 11 f0      brbs     LAB_code_000ddf,Zf1g
code:000ddd 21 11      cpse    R18,R1
code:000dde 99 c1      rjmp     LAB_code_000f78

LAB_code_000ddf
code:000ddf 31 e0      ldi     R19,0x1
code:000de0 f8 e3      ldi     Zhi,0x38
code:000de1 6f 16      cp      R6,Zhi
code:000de2 f5 e0      ldi     Zhi,0x5
code:000de3 7f 06      cpc     R7,Zhi
code:000de4 09 f0      brbs     LAB_code_000de6,Zf1g
code:000de5 30 e0      ldi     R19,0x0

LAB_code_000de6
code:000de6 bc 01      movw     R23R22,R25R24
code:000de7 63 53      subi    R22,0x33
code:000de8 71 09      sbc     R23,R1
code:000de9 21 e0      ldi     R18,0x1
code:000dea 62 30      cpi     R22,0x2
code:000deb 71 05      cpc     R23,R1
code:000dec 38 f0      brbs     LAB_code_000df4,Cf1g
code:000ded 80 32      cpi     R24,0x20
code:000dee 91 05      cpc     R25,R1
code:000def 21 f0      brbs     LAB_code_000df4,Zf1g
code:000df0 83 32      cpi     R24,0x23
code:000df1 91 05      cpc     R25,R1
code:000df2 09 f0      brbs     LAB_code_000df4,Zf1g
code:000df3 20 e0      ldi     R18,0x0

LAB_code_000df4
code:000df4 33 23      and     R19,R19
code:000df5 11 f0      brbs     LAB_code_000df8,Zf1g
code:000df6 21 11      cpse    R18,R1
code:000df7 80 c1      rjmp     LAB_code_000f78

LAB_code_000df8
code:000df8 bc 01      movw     R23R22,R25R24
code:000df9 63 51      subi    R22,0x13
code:000dfa 71 09      sbc     R23,R1
code:000dfb 63 30      cpi     R22,0x3
code:000dfc 71 05      cpc     R23,R1
code:000dfd 08 f4      brbc     LAB_code_000dff,Cf1g
code:000dfe 79 c1      rjmp     LAB_code_000f78

LAB_code_000dff
code:000dff 8c 31      cpi     R24,0x1c
code:000e00 91 05      cpc     R25,R1
code:000e01 09 f4      brbc     LAB_code_000e03,Zf1g
code:000e02 75 c1      rjmp     LAB_code_000f78

LAB_code_000e03
code:000e03 85 32      cpi     R24,0x25
code:000e04 91 05      cpc     R25,R1

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XREF [2]: code:000dbc(j), code:000dc1(j)

XREF [1]: code:000dc8(j)

= ??

= ??

XREF [1]: code:000dd1(j)

XREF [3]: code:000dd6(j), code:000dd9(j), code:000f77(j)

XREF [1]: code:000ddc(j)

XREF [1]: code:000de4(j)

XREF [3]: code:000dec(j), code:000def(j), code:000df2(j)

XREF [1]: code:000df5(j)

XREF [1]: code:000dfd(j)

XREF [1]: code:000e01(j)

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code:000e05 09 f0      brbs      LAB_code_000e07,Zflg
code:000e06 a8 c1      rjmp     LAB_code_000faf

LAB_code_000e07
code:000e07 44 23      and      R20,R20
code:000e08 09 f4      brbc     LAB_code_000e0a,Zflg
code:000e09 a5 c1      rjmp     LAB_code_000faf

LAB_code_000e0a
code:000e0a 80 91 06 02     lds      R24,DAT_mem_0206
code:000e0c 90 91 07 02     lds      R25,DAT_mem_0207
code:000e0e a0 91 08 02     lds      X10,DAT_mem_0208
code:000e10 b0 91 09 02     lds      Xhi,DAT_mem_0209
code:000e12 83 58     subi     R24,0x83
code:000e13 9f 4f     sbci     R25,0xff
code:000e14 af 4f     sbci     X10,0xff
code:000e15 bf 4f     sbci     Xhi,0xff
code:000e16 88 16     cp       R8,R24
code:000e17 99 06     cpc     R9,R25
code:000e18 aa 06     cpc     R10,X10
code:000e19 bb 06     cpc     R11,Xhi
code:000e1a 30 f1     brbs    LAB_code_000e41,Cflg
code:000e1b 81 e0     ldi     R24,0x1
code:000e1c 90 e0     ldi     R25,0x0
code:000e1d 90 93 17 08     sts     DAT_mem_0817,R25
code:000e1f 80 93 16 08     sts     DAT_mem_0816,R24
code:000e21 f0 92 15 08     sts     DAT_mem_0815,R15
code:000e23 e0 92 14 08     sts     DAT_mem_0814,R14
code:000e25 80 92 02 02     sts     DAT_mem_0202,R8
code:000e27 90 92 03 02     sts     DAT_mem_0203,R9
code:000e29 a0 92 04 02     sts     DAT_mem_0204,R10
code:000e2b b0 92 05 02     sts     DAT_mem_0205,R11
code:000e2d c8 01     movw    R25R24,R17R16
code:000e2e 0e 94 9b 04     call    FUN_code_00049b
code:000e30 88 23     and     R24,R24
code:000e31 21 f0     brbs    LAB_code_000e36,Zflg
code:000e32 10 92 01 02     sts     DAT_mem_0201,R1
code:000e34 10 92 00 02     sts     DAT_mem_0200,R1

LAB_code_000e36
code:000e36 c8 01     movw    R25R24,R17R16
code:000e37 0e 94 a5 04     call    FUN_code_0004a5
code:000e39 88 23     and     R24,R24
code:000e3a 31 f0     brbs    LAB_code_000e41,Zflg
code:000e3b 81 e0     ldi     R24,0x1
code:000e3c 90 e0     ldi     R25,0x0
code:000e3d 90 93 01 02     sts     DAT_mem_0201,R25
code:000e3f 80 93 00 02     sts     DAT_mem_0200,R24

LAB_code_000e41
code:000e41 61 e0     ldi     R22,0x1
code:000e42 70 e0     ldi     R23,0x0
code:000e43 80 e0     ldi     R24,0x0
code:000e44 90 e0     ldi     R25,0x0
code:000e45 0e 94 f6 03     call    FUN_code_0003f6
code:000e47 00 e7     ldi     R16,0x70
code:000e48 12 e0     ldi     R17,0x2
code:000e49 45 e0     ldi     R20,0x5
code:000e4a e4 2e     mov     R14,R20
code:000e4b 48 e0     ldi     R20,0x8
code:000e4c f4 2e     mov     R15,R20
code:000e4d d1 2c     mov     R13,R1

LAB_code_000e4e
code:000e4e 6d 2d     mov     R22,R13
code:000e4f 8f e9     ldi     R24,0x9f
code:000e50 9b e0     ldi     R25,0xb
code:000e51 0e 94 3f 04     call    FUN_code_00043f
code:000e53 c8 2e     mov     R12,R24
code:000e54 d7 01     movw    X,R15R14
code:000e55 8d 91     ld      R24,X+=>DAT_mem_0805
code:000e56 7d 01     movw    R15R14,X
code:000e57 c8 16     cp      R12,R24
code:000e58 99 f0     brbs    LAB_code_000e6c,Zflg
code:000e59 fd 01     movw    Z,X
code:000e5a 31 97     sbiw   Z,0x1
code:000e5b c0 82     st      Z,R12=>DAT_mem_0805
code:000e5c f8 01     movw    Z,R17R16
code:000e5d 82 81     ldd    R24,Z+offset DAT_mem_0272
code:000e5e 93 81     ldd    R25,Z+0x3=>DAT_mem_0273
code:000e5f 0e 94 06 06     call    FUN_code_000606
code:000e61 88 ec     ldi     R24,0xc8
code:000e62 92 e0     ldi     R25,0x2
code:000e63 cc 20     and     R12,R12
code:000e64 29 f0     brbs    LAB_code_000e6a,Zflg
code:000e65 f1 e0     ldi     Zhi,0x1
code:000e66 cf 12     cpse   R12,Zhi

LAB_code_000e05(j)
LAB_code_000fb3(j)
LAB_code_000fb6(j)
LAB_code_000e08(j)
LAB_code_000e31(j)
LAB_code_000e1a(j)
LAB_code_000e3a(j)
LAB_code_000fae(j)
LAB_code_00049b()
LAB_code_0004a5()
LAB_code_00043f()
LAB_code_000606()

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code:000e67 04 c0      rjmp      LAB_code_000e6c
code:000e68 84 ec      ldi       R24,0xc4
code:000e69 92 e0      ldi       R25,0x2

LAB_code_000e6a
code:000e6a 0e 94 9c 02      call     FUN_code_00029c      XREF [1]:  code:000e64(j)
                                                undefinedFUN_code_00029c ()

LAB_code_000e6c
code:000e6c d3 94      inc       R13      XREF [2]:  code:000e58(j), code:000e67(j)
code:000e6d 0c 5f      subi     R16,0xfc
code:000e6e 1f 4f      sbci     R17,0xff
code:000e6f 3f e0      ldi       R19,0xf
code:000e70 23 2e      mov      R2,R19
code:000e71 d2 10      cpse     R13,R2
code:000e72 db cf      rjmp     LAB_code_000e4e
code:000e73 00 e3      ldi       R16,0x30
code:000e74 12 e0      ldi       R17,0x2
code:000e75 25 ef      ldi       R18,0xf5
code:000e76 e2 2e      mov      R14,R18
code:000e77 27 e0      ldi       R18,0x7
code:000e78 f2 2e      mov      R15,R18
code:000e79 d1 2c      mov      R13,R1

LAB_code_000e7a
code:000e7a 6d 2d      mov      R22,R13      XREF [1]:  code:000e9e(j)
code:000e7b 82 e9      ldi       R24,0x92
code:000e7c 9b e0      ldi       R25,0xb
code:000e7d 0e 94 3f 04      call     FUN_code_00043f      undefinedFUN_code_00043f ()
code:000e7f c8 2e      mov      R12,R24
code:000e80 d7 01      movw     X,R15R14
code:000e81 8d 91      ld       R24,X+=>DAT_mem_07f5      = ??
code:000e82 7d 01      movw     R15R14,X
code:000e83 c8 16      cp       R12,R24
code:000e84 99 f0      brbs     LAB_code_000e98,Zf1g
code:000e85 fd 01      movw     Z,X
code:000e86 31 97      sbiw     Z,0x1
code:000e87 c0 82      st       Z,R12=>DAT_mem_07f5      = ??
code:000e88 f8 01      movw     Z,R17R16
code:000e89 82 81      ldd     R24,Z+offset DAT_mem_0232      = ??
code:000e8a 93 81      ldd     R25,Z+0x3=>DAT_mem_0233      = ??
code:000e8b 0e 94 06 06      call     FUN_code_000606      undefinedFUN_code_000606 ()
code:000e8d 80 ec      ldi       R24,0xc0
code:000e8e 92 e0      ldi       R25,0x2
code:000e8f cc 20      and     R12,R12
code:000e90 29 f0      brbs     LAB_code_000e96,Zf1g
code:000e91 f1 e0      ldi       Zhi,0x1
code:000e92 cf 12      cpse     R12,Zhi
code:000e93 04 c0      rjmp     LAB_code_000e98
code:000e94 8c eb      ldi       R24,0xbc
code:000e95 92 e0      ldi       R25,0x2

LAB_code_000e96
code:000e96 0e 94 9c 02      call     FUN_code_00029c      XREF [1]:  code:000e90(j)
                                                undefinedFUN_code_00029c ()

LAB_code_000e98
code:000e98 d3 94      inc       R13      XREF [2]:  code:000e84(j), code:000e93(j)
code:000e99 0c 5f      subi     R16,0xfc
code:000e9a 1f 4f      sbci     R17,0xff
code:000e9b 90 e1      ldi       R25,0x10
code:000e9c 29 2e      mov      R2,R25
code:000e9d d2 10      cpse     R13,R2
code:000e9e db cf      rjmp     LAB_code_000e7a
code:000e9f 80 91 0a 02      lds     R24,DAT_mem_020a      = ??
code:000ea1 90 91 0b 02      lds     R25,DAT_mem_020b      = ??
code:000ea3 a0 91 0c 02      lds     Xlo,DAT_mem_020c      = ??
code:000ea5 b0 91 0d 02      lds     Xhi,DAT_mem_020d      = ??
code:000ea7 ac 01      movw     R21R20,R25R24
code:000ea8 bd 01      movw     R23R22,X
code:000ea9 4c 59      subi     R20,0x9c
code:000eaa 5f 4f      sbci     R21,0xff
code:000eab 6f 4f      sbci     R22,0xff
code:000eac 7f 4f      sbci     R23,0xff
code:000ead 84 16      cp       R8,R20
code:000eae 95 06      cpc     R9,R21
code:000eaf a6 06      cpc     R10,R22
code:000eb0 b7 06      cpc     R11,R23
code:000eb1 28 f4      brbc     LAB_code_000eb7,Cf1g
code:000eb2 88 16      cp       R8,R24
code:000eb3 99 06      cpc     R9,R25
code:000eb4 aa 06      cpc     R10,Xlo
code:000eb5 bb 06      cpc     R11,Xhi
code:000eb6 60 f4      brbc     LAB_code_000ec3,Cf1g

LAB_code_000eb7
code:000eb7 8a eb      ldi       R24,0xba      XREF [1]:  code:000eb1(j)
code:000eb8 92 e0      ldi       R25,0x2
code:000eb9 0e 94 9c 02      call     FUN_code_00029c      undefinedFUN_code_00029c ()
code:000ebb 80 92 0a 02      sts     DAT_mem_020a,R8      = ??
code:000ebd 90 92 0b 02      sts     DAT_mem_020b,R9      = ??

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code:000ebf a0 92 0c 02 sts DAT_mem_020c,R10 = ??
code:000ec1 b0 92 0d 02 sts DAT_mem_020d,R11 = ??

LAB_code_000ec3 XREF [1]: code:000eb6(j)
code:000ec3 80 91 02 02 lds R24,DAT_mem_0202 = ??
code:000ec5 90 91 03 02 lds R25,DAT_mem_0203 = ??
code:000ec7 a0 91 04 02 lds X10,DAT_mem_0204 = ??
code:000ec9 b0 91 05 02 lds Xhi,DAT_mem_0205 = ??
code:000ecb 83 58 subi R24,0x83
code:000ecc 9f 4f sbci R25,0xff
code:000ecd af 4f sbci X10,0xff
code:000ece bf 4f sbci Xhi,0xff
code:000ecf 88 15 cp R24,R8
code:000ed0 99 05 cpc R25,R9
code:000ed1 aa 05 cpc X10,R10
code:000ed2 bb 05 cpc Xhi,R11
code:000ed3 b8 f5 brbc LAB_code_000f0b,Cflg
code:000ed4 80 91 16 08 lds R24,DAT_mem_0816 = ??
code:000ed6 90 91 17 08 lds R25,DAT_mem_0817 = ??
code:000ed8 01 97 sbiw R25R24,0x1
code:000ed9 89 f5 brbc LAB_code_000f0b,Zflg
code:000eda e0 91 14 08 lds Z10,DAT_mem_0814 = ??
code:000edc f0 91 15 08 lds Zhi,DAT_mem_0815 = ??
code:000ede ee 0f add Z10,Z10
code:000edf ff 1f adc Zhi,Zhi
code:000ee0 ee 0f add Z10,Z10
code:000ee1 ff 1f adc Zhi,Zhi
code:000ee2 e4 55 subi Z10,0x54
code:000ee3 fd 4f sbci Zhi,0xfd
code:000ee4 82 81 ldd R24,Z+0x2
code:000ee5 93 81 ldd R25,Z+0x3
code:000ee6 0e 94 06 06 call FUN_code_000606 undefinedFUN_code_000606()
code:000ee8 80 91 00 02 lds R24,DAT_mem_0200 = ??
code:000eea 90 91 01 02 lds R25,DAT_mem_0201 = ??
code:000eec 00 97 sbiw R25R24,0x0
code:000eed 09 f0 brbs LAB_code_000eef,Zflg
code:000eee d0 c0 rjmp LAB_code_000fbf

LAB_code_000eef XREF [1]: code:000eed(j)
code:000eef 86 eb ldi R24,0xb6
code:000ef0 92 e0 ldi R25,0x2

LAB_code_000ef1 XREF [1]: code:000fc4(j)
code:000ef1 0e 94 9c 02 call FUN_code_00029c undefinedFUN_code_00029c()

LAB_code_000ef3 XREF [1]: code:000fc1(j)
code:000ef3 64 e6 ldi R22,0x64
code:000ef4 70 e0 ldi R23,0x0
code:000ef5 80 e0 ldi R24,0x0
code:000ef6 90 e0 ldi R25,0x0
code:000ef7 0e 94 f6 03 call FUN_code_0003f6 undefinedFUN_code_0003f6()
code:000ef9 80 92 0a 02 sts DAT_mem_020a,R8 = ??
code:000efb 90 92 0b 02 sts DAT_mem_020b,R9 = ??
code:000efd a0 92 0c 02 sts DAT_mem_020c,R10 = ??
code:000eff b0 92 0d 02 sts DAT_mem_020d,R11 = ??
code:000f01 10 92 17 08 sts DAT_mem_0817,R1 = ??
code:000f03 10 92 16 08 sts DAT_mem_0816,R1 = ??
code:000f05 89 e0 ldi R24,0x9
code:000f06 90 e0 ldi R25,0x0
code:000f07 90 93 01 02 sts DAT_mem_0201,R25 = ??
code:000f09 80 93 00 02 sts DAT_mem_0200,R24 = ??

LAB_code_000f0b XREF [2]: code:000ed3(j), code:000ed9(j)
code:000f0b 0e 94 81 06 call FUN_code_000681 undefinedFUN_code_000681()
code:000f0d cd cd rjmp LAB_code_000cdb

LAB_code_000f0e XREF [2]: code:000d3b(j), code:000d3f(j)
code:000f0e 81 e0 ldi R24,0x1
code:000f0f 3d ce rjmp LAB_code_000d4d

LAB_code_000f10 XREF [2]: code:000d4f(j), code:000d52(j)
code:000f10 c8 01 movw R25R24,R17R16
code:000f11 0e 94 fd 04 call FUN_code_0004fd undefinedFUN_code_0004fd()
code:000f13 22 e0 ldi R18,0x2
code:000f14 30 e0 ldi R19,0x0
code:000f15 40 e0 ldi R20,0x0
code:000f16 50 e0 ldi R21,0x0
code:000f17 42 ce rjmp LAB_code_000d5a

LAB_code_000f18 XREF [1]: code:000d68(j)
code:000f18 28 16 cp R2,R24
code:000f19 39 06 cpc R3,R25
code:000f1a 4a 06 cpc R4,X10
code:000f1b 5b 06 cpc R5,Xhi
code:000f1c 0c f0 brbs LAB_code_000f1e,Sflg
code:000f1d 5d ce rjmp LAB_code_000d7b

LAB_code_000f1e XREF [1]: code:000f1c(j)
code:000f1e f8 01 movw Z,R17R16

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code:000f1f 84 85      ldd      R24,Z+0xc=>DAT_mem_0abe      = ??
code:000f20 95 85      ldd      R25,Z+0xd=>DAT_mem_0abf      = ??
code:000f21 0e 94 06 06  call     FUN_code_000606              undefinedFUN_code_000606 ()
code:000f23 84 ed      ldi      R24,0xd4
code:000f24 92 e0      ldi      R25,0x2
code:000f25 4b ce      rjmp     LAB_code_000d71

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LAB_code_000f26
code:000f26 0e 94 28 04  call     FUN_code_000428              XREF [1]:  code:000da8(j)
code:000f28 d8 01      movw    X,R17R16                      undefinedFUN_code_000428 ()
code:000f29 12 96      adiw    X,0x2
code:000f2a 2d 91      ld      R18,X+>DAT_mem_0904          = ??
code:000f2b 3d 91      ld      R19,X+>DAT_mem_0905          = ??
code:000f2c 4d 91      ld      R20,X+>DAT_mem_0906          = ??
code:000f2d 5c 91      ld      R21,X+>DAT_mem_0907          = ??
code:000f2e 15 97      sbiw    X,0x5
code:000f2f 1b 01      movw    R3R2,R23R22
code:000f30 2c 01      movw    R5R4,R25R24
code:000f31 22 1a      sub     R2,R18
code:000f32 33 0a      sbc     R3,R19
code:000f33 44 0a      sbc     R4,R20
code:000f34 55 0a      sbc     R5,R21
code:000f35 b2 01      movw    R23R22,R5R4
code:000f36 a1 01      movw    R21R20,R3R2
code:000f37 16 96      adiw    X,0x6
code:000f38 8d 91      ld      R24,X+>DAT_mem_0908          = ??
code:000f39 9c 91      ld      R25,X+>DAT_mem_0909          = ??
code:000f3a b0 e0      ldi     Xhi,0x0
code:000f3b a0 e0      ldi     Xlo,0x0
code:000f3c 48 17      cp      R20,R24
code:000f3d 59 07      cpc    R21,R25
code:000f3e 6a 07      cpc    R22,Xlo
code:000f3f 7b 07      cpc    R23,Xhi
code:000f40 08 f4      brbc   LAB_code_000f42,Cf1g
code:000f41 76 ce      rjmp     LAB_code_000db8

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LAB_code_000f42
code:000f42 d8 01      movw    X,R17R16
code:000f43 18 96      adiw    X,0x8
code:000f44 8c 91      ld      R24,X+>DAT_mem_090a          = ??
code:000f45 81 70      andi   R24,0x1
code:000f46 28 88      ldd    R2,Y+0x10
code:000f47 28 16      cp      R2,R24
code:000f48 09 f4      brbc   LAB_code_000f4a,Zf1g
code:000f49 6e ce      rjmp     LAB_code_000db8

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```

LAB_code_000f4a
code:000f4a 0e 94 28 04  call     FUN_code_000428              XREF [1]:  code:000f48(j)
code:000f4c d8 01      movw    X,R17R16                      undefinedFUN_code_000428 ()
code:000f4d 12 96      adiw    X,0x2
code:000f4e 6d 93      st      X+>DAT_mem_0904,R22          = ??
code:000f4f 7d 93      st      X+>DAT_mem_0905,R23          = ??
code:000f50 8d 93      st      X+>DAT_mem_0906,R24          = ??
code:000f51 9c 93      st      X,R25=>DAT_mem_0907          = ??
code:000f52 15 97      sbiw    X,0x5
code:000f53 18 96      adiw    X,0x8
code:000f54 8c 91      ld      R24,X+>DAT_mem_090a          = ??
code:000f55 b1 e0      ldi     Xhi,0x1
code:000f56 8b 27      eor    R24,Xhi
code:000f57 84 60      ori    R24,0x4
code:000f58 f8 01      movw    Z,R17R16
code:000f59 80 87      std    Z+0x8=>DAT_mem_090a,R24      = ??
code:000f5a 0e 94 28 04  call     FUN_code_000428              undefinedFUN_code_000428 ()
code:000f5c d8 01      movw    X,R17R16
code:000f5d 19 96      adiw    X,0x9
code:000f5e 2d 91      ld      R18,X+>DAT_mem_090b          = ??
code:000f5f 3d 91      ld      R19,X+>DAT_mem_090c          = ??
code:000f60 4d 91      ld      R20,X+>DAT_mem_090d          = ??
code:000f61 5c 91      ld      R21,X+>DAT_mem_090e          = ??
code:000f62 1c 97      sbiw    X,0xc
code:000f63 62 1b      sub     R22,R18
code:000f64 73 0b      sbc     R23,R19
code:000f65 84 0b      sbc     R24,R20
code:000f66 95 0b      sbc     R25,R21
code:000f67 f8 01      movw    Z,R17R16
code:000f68 65 87      std    Z+0xd=>DAT_mem_090f,R22      = ??
code:000f69 76 87      std    Z+0xe=>DAT_mem_0910,R23      = ??
code:000f6a 87 87      std    Z+0xf=>DAT_mem_0911,R24      = ??
code:000f6b 90 8b      std    Z+0x10=>DAT_mem_0912,R25     = ??
code:000f6c 0e 94 28 04  call     FUN_code_000428              undefinedFUN_code_000428 ()
code:000f6e d8 01      movw    X,R17R16
code:000f6f 19 96      adiw    X,0x9
code:000f70 6d 93      st      X+>DAT_mem_090b,R22          = ??
code:000f71 7d 93      st      X+>DAT_mem_090c,R23          = ??
code:000f72 8d 93      st      X+>DAT_mem_090d,R24          = ??
code:000f73 9c 93      st      X,R25=>DAT_mem_090e          = ??
code:000f74 1c 97      sbiw    X,0xc
code:000f75 42 ce      rjmp     LAB_code_000db8

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	LAB_code_000f76		XREF [1]:	code:000dd2(j)
code:000f76 21 e0	ldi	R18,0x1		
code:000f77 63 ce	rjmp	LAB_code_000ddb		
	LAB_code_000f78		XREF [4]:	code:000dde(j), code:000df7(j), code:000dfe(j), code:000e02(j) = ?? = ?? = ?? = ?? = ?? = ??
code:000f78 80 92 06 02	sts	DAT_mem_0206,R8		
code:000f7a 90 92 07 02	sts	DAT_mem_0207,R9		
code:000f7c a0 92 08 02	sts	DAT_mem_0208,R10		
code:000f7e b0 92 09 02	sts	DAT_mem_0209,R11		
code:000f80 10 92 17 08	sts	DAT_mem_0817,R1		
code:000f82 10 92 16 08	sts	DAT_mem_0816,R1		
	LAB_code_000f84		XREF [1]:	code:000fb5(j)
code:000f84 d6 01	movw	X,R13R12		
code:000f85 12 96	adiw	X,0x2		
code:000f86 8d 91	ld	R24,X=>DAT_mem_02ae		= ??
code:000f87 9c 91	ld	R25,X=>DAT_mem_02af		= ??
code:000f88 0e 94 06 06	call	FUN_code_000606		undefinedFUN_code_000606()
code:000f8a c8 01	movw	R25R24,R17R16		
code:000f8b 0e 94 9b 04	call	FUN_code_00049b		undefinedFUN_code_00049b()
code:000f8d 88 23	and	R24,R24		
code:000f8e 41 f1	brbs	LAB_code_000fb7,Zflg		
code:000f8f 80 ed	ldi	R24,0xd0		
code:000f90 92 e0	ldi	R25,0x2		
	LAB_code_000f91		XREF [1]:	code:000fbe(j) undefinedFUN_code_00029c()
code:000f91 0e 94 9c 02	call	FUN_code_00029c		
	LAB_code_000f93		XREF [1]:	code:000fb(j)  undefinedFUN_code_0003f6() = ?? = ?? = ?? = ??
code:000f93 64 e6	ldi	R22,0x64		
code:000f94 70 e0	ldi	R23,0x0		
code:000f95 80 e0	ldi	R24,0x0		
code:000f96 90 e0	ldi	R25,0x0		
code:000f97 0e 94 f6 03	call	FUN_code_0003f6		
code:000f99 80 92 0a 02	sts	DAT_mem_020a,R8		
code:000f9b 90 92 0b 02	sts	DAT_mem_020b,R9		
code:000f9d a0 92 0c 02	sts	DAT_mem_020c,R10		
code:000f9f b0 92 0d 02	sts	DAT_mem_020d,R11		
	LAB_code_000fa1		XREF [1]:	code:000dc2(j)
code:000fa1 bf ef	ser	Xhi		
code:000fa2 eb 1a	sub	R14,Xhi		
code:000fa3 fb 0a	sbc	R15,Xhi		
code:000fa4 0e 5e	subi	R16,0xee		
code:000fa5 1f 4f	sbci	R17,0xff		
code:000fa6 e4 e0	ldi	Z1c,0x4		
code:000fa7 ce 0e	add	R12,Z1c		
code:000fa8 d1 1c	adc	R13,R1		
code:000fa9 f8 e1	ldi	Zhi,0x18		
code:000faa ef 16	cp	R14,Zhi		
code:000fab f1 04	cpc	R15,R1		
code:000fac 09 f0	brbs	LAB_code_000fae,Zflg		
code:000fad e3 cd	rjmp	LAB_code_000d91		
	LAB_code_000fae		XREF [1]:	code:000fac(j)
code:000fae 92 ce	rjmp	LAB_code_000e41		
	LAB_code_000faf		XREF [2]:	code:000e06(j), code:000e09(j)
code:000faf 82 33	cpi	R24,0x32		
code:000fb0 91 05	cpc	R25,R1		
code:000fb1 11 f4	brbc	LAB_code_000fb4,Zflg		
code:000fb2 31 11	cpse	R19,R1		
code:000fb3 56 ce	rjmp	LAB_code_000e0a		
	LAB_code_000fb4		XREF [1]:	code:000fb1(j)
code:000fb4 4a 97	sbiw	R25R24,0x1a		
code:000fb5 71 f6	brbc	LAB_code_000f84,Zflg		
code:000fb6 53 ce	rjmp	LAB_code_000e0a		
	LAB_code_000fb7		XREF [1]:	code:000f8e(j) undefinedFUN_code_0004a5()
code:000fb7 c8 01	movw	R25R24,R17R16		
code:000fb8 0e 94 a5 04	call	FUN_code_0004a5		
code:000fba 88 23	and	R24,R24		
code:000fbb b9 f2	brbs	LAB_code_000f93,Zflg		
code:000fbc 8c ec	ldi	R24,0xcc		
code:000fbd 92 e0	ldi	R25,0x2		
code:000fbe d2 cf	rjmp	LAB_code_000f91		
	LAB_code_000fbf		XREF [1]:	code:000eee(j)
code:000fbf 01 97	sbiw	R25R24,0x1		
code:000fc0 09 f0	brbs	LAB_code_000fc2,Zflg		
code:000fc1 31 cf	rjmp	LAB_code_000ef3		
	LAB_code_000fc2		XREF [1]:	code:000fc0(j)
code:000fc2 82 eb	ldi	R24,0xb2		
code:000fc3 92 e0	ldi	R25,0x2		
code:000fc4 2c cf	rjmp	LAB_code_000ef1		

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code:000fc5 86      ??      86h
code:000fc5.1 ef    ??      EFh
code:000fc6 98      ??      98h
code:000fc6.1 e0    ??      E0h
code:000fc7 0e      ??      0Eh
code:000fc7.1 94    ??      94h
code:000fc8 88      ??      88h
code:000fc8.1 07    ??      07h
code:000fc9 8c      ??      8Ch
code:000fc9.1 ef    ??      EFh
code:000fca 98      ??      98h
code:000fca.1 e0    ??      E0h
code:000fcb 0c      ??      0Ch
code:000fcb.1 94    ??      94h
code:000fcc 88      ??      88h
code:000fcc.1 07    ??      07h

*****
*                               *
*                               *
*****
undefined FUN_code_000fcd()
R24:1      <RETURN>
FUN_code_000fcd      XREF [1]:      FUN_code_000ae1:000bb5(c)
code:000fcd bb 27    eor      Xhi,Xhi
code:000fce fb 01    movw    Z,R23R22
code:000fcf 55 27    eor      R21,R21

LAB_code_000fd0      XREF [1]:      code:000fe0(j)
code:000fd0 aa 27    eor      Xlo,Xlo

LAB_code_000fd1      XREF [1]:      code:000fd9(j)
code:000fd1 88 0f    add     R24,R24
code:000fd2 99 1f    adc     R25,R25
code:000fd3 aa 1f    adc     Xlo,Xlo
code:000fd4 a4 17    cp      Xlo,R20
code:000fd5 10 f0    brbs   LAB_code_000fd8,Cflg
code:000fd6 a4 1b    sub     Xlo,R20
code:000fd7 83 95    inc     R24

LAB_code_000fd8      XREF [1]:      code:000fd5(j)
code:000fd8 50 51    subi   R21,0x10
code:000fd9 b9 f7    brbc   LAB_code_000fd1,Zflg
code:000fda a0 5d    subi   Xlo,0xd0
code:000fdb aa 33    cpi    Xlo,0x3a
code:000fdc 08 f0    brbs   LAB_code_000fde,Cflg
code:000fdd a9 5d    subi   Xlo,0xd9

LAB_code_000fde      XREF [1]:      code:000fdc(j)
code:000fde a1 93    st      Z+,Xlo
code:000fdf 00 97    sbiw   R25R24,0x0
code:000fe0 79 f7    brbc   LAB_code_000fd0,Zflg
code:000fe1 b1 11    cpse   Xhi,R1
code:000fe2 b1 93    st      Z+,Xhi
code:000fe3 11 92    st      Z+,R1
code:000fe4 cb 01    movw   R25R24,R23R22
code:000fe5 0c 94 e7 0f jmp     LAB_code_000fe7

LAB_code_000fe7      XREF [1]:      code:000fe5(j)
code:000fe7 dc 01    movw   X,R25R24
code:000fe8 fc 01    movw   Z,R25R24

LAB_code_000fe9      XREF [1]:      code:000fec(j)
code:000fe9 67 2f    mov    R22,R23
code:000fea 71 91    ld     R23,Z+
code:000feb 77 23    and    R23,R23
code:000fec e1 f7    brbc   LAB_code_000fe9,Zflg
code:000fed 32 97    sbiw   Z,0x2
code:000fee 04 c0    rjmp   LAB_code_000ff3

LAB_code_000fef      XREF [1]:      code:000ff5(j)
code:000fef 7c 91    ld     R23,X
code:000ff0 6d 93    st     X+,R22
code:000ff1 70 83    st     Z,R23
code:000ff2 62 91    ld     R22,-Z

LAB_code_000ff3      XREF [1]:      code:000fee(j)
code:000ff3 ae 17    cp     Xlo,Zlo
code:000ff4 bf 07    cpc    Xhi,Zhi
code:000ff5 c8 f3    brbs   LAB_code_000fef,Cflg
code:000ff6 08 95    ret

*****
*                               *
*                               *
*****
undefined FUN_code_000ff7()
R24:1      <RETURN>
FUN_code_000ff7      XREF [2]:      FUN_code_0005b1:0005ce(c),
                FUN_code_001019:001021(c)
code:000ff7 a1 e2    ldi    Xlo,0x21

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code:000ff8 1a 2e      mov     R1,Xlo
code:000ff9 aa 1b      sub     Xlo,Xlo
code:000ffa bb 1b      sub     Xhi,Xhi
code:000ffb fd 01      movw   Z,X
code:000ffc 0d c0      rjmp   LAB_code_00100a

LAB_code_000ffd                                XREF[1]:  code:00100f(j)
code:000ffd aa 1f      adc     Xlo,Xlo
code:000ffe bb 1f      adc     Xhi,Xhi
code:000fff ee 1f      adc     Zlo,Zlo
code:001000 ff 1f      adc     Zhi,Zhi
code:001001 a2 17      cp      Xlo,R18
code:001002 b3 07      cpc     Xhi,R19
code:001003 e4 07      cpc     Zlo,R20
code:001004 f5 07      cpc     Zhi,R21
code:001005 20 f0      brbs   LAB_code_00100a,Cflg
code:001006 a2 1b      sub     Xlo,R18
code:001007 b3 0b      sbc     Xhi,R19
code:001008 e4 0b      sbc     Zlo,R20
code:001009 f5 0b      sbc     Zhi,R21

LAB_code_00100a                                XREF[2]:  code:000ffc(j), code:001005(j)
code:00100a 66 1f      adc     R22,R22
code:00100b 77 1f      adc     R23,R23
code:00100c 88 1f      adc     R24,R24
code:00100d 99 1f      adc     R25,R25
code:00100e 1a 94      dec     R1
code:00100f 69 f7      brbc   LAB_code_000ffd,Zflg
code:001010 60 95      com     R22
code:001011 70 95      com     R23
code:001012 80 95      com     R24
code:001013 90 95      com     R25
code:001014 9b 01      movw   R19R18,R23R22
code:001015 ac 01      movw   R21R20,R25R24
code:001016 bd 01      movw   R23R22,X
code:001017 cf 01      movw   R25R24,Z
code:001018 08 95      ret

*****
*                               FUNCTION                               *
*****
undefined FUN_code_001019()
R24:1      <RETURN>
undefined
code:001019 05 2e      mov     R0,R21
code:00101a 97 fb      bst     R25,0x7
code:00101b 1e f4      brbc   LAB_code_00101f,Tflg
code:00101c 00 94      com     R0
code:00101d 0e 94 30 10  call    FUN_code_001030      undefinedFUN_code_001030 ()

LAB_code_00101f                                XREF[1]:  code:00101b(j)
code:00101f 57 fd      sbrc   R21,0x7
code:001020 07 d0      rcall  FUN_code_001028      undefinedFUN_code_001028 ()
code:001021 0e 94 f7 0f  call    FUN_code_000ff7      undefinedFUN_code_000ff7 ()
code:001023 07 fc      sbrc   R0,0x7
code:001024 03 d0      rcall  FUN_code_001028      undefinedFUN_code_001028 ()
code:001025 4e f4      brbc   LAB_code_00102f,Tflg
code:001026 0c 94 30 10  jmp     FUN_code_001030      undefinedFUN_code_001030 ()
-- Flow Override: CALL_RETURN (CALL_TERMINATOR)

*****
*                               FUNCTION                               *
*****
undefined FUN_code_001028()
R24:1      <RETURN>
undefined
code:001028 50 95      com     R21
code:001029 40 95      com     R20
code:00102a 30 95      com     R19
code:00102b 21 95      neg     R18
code:00102c 3f 4f      sbci   R19,0xff
code:00102d 4f 4f      sbci   R20,0xff
code:00102e 5f 4f      sbci   R21,0xff

LAB_code_00102f                                XREF[1]:  FUN_code_001019:001025(j)
code:00102f 08 95      ret

*****
*                               FUNCTION                               *
*****
undefined FUN_code_001030()
R24:1      <RETURN>
undefined
code:001030 90 95      com     R25
code:001031 80 95      com     R24
code:001032 70 95      com     R23
code:001033 61 95      neg     R22

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code:001034 7f 4f      sbci      R23,0xff
code:001035 8f 4f      sbci      R24,0xff
code:001036 9f 4f      sbci      R25,0xff
code:001037 08 95      ret

*****
*                               *
*                               *
*****
undefined FUN_code_001038()
R24:1      <RETURN>
FUN_code_001038      XREF [3]:  FUN_code_00017c:0001a2(c),
                               FUN_code_0002d7:0002e1(c),
                               FUN_code_001263:00126a(c)

code:001038 ee 0f      add      Zlo,Zlo
code:001039 ff 1f      adc      Zhi,Zhi
code:00103a 88 1f      adc      R24,R24
code:00103b 8b bf      out      RAMPZ,R24
code:00103c 07 90      elpm    R0,Z+
code:00103d f6 91      elpm    Zhi,Z
code:00103e e0 2d      mov     Zlo,R0
code:00103f 19 94      ei jmp

*****
*                               *
*                               *
*****
undefined FUN_code_001040()
R24:1      <RETURN>
FUN_code_001040      XREF [3]:  FUN_code_0006ae:0006ba(c),
                               FUN_code_001165:001189(c),
                               FUN_code_001165:001235(c)

code:001040 0f 93      push    R16
code:001041 1f 93      push    R17
code:001042 cf 93      push    Ylo
code:001043 df 93      push    Yhi
code:001044 82 30      cpi     R24,0x2
code:001045 91 05      cpc     R25,R1
code:001046 10 f4      brbc    LAB_code_001049,Zf1g
code:001047 82 e0      ldi     R24,0x2
code:001048 90 e0      ldi     R25,0x0

LAB_code_001049      XREF [1]:  code:001046(j)
code:001049 e0 91 ae 0b      lds     Zlo,DAT_mem_0bae
code:00104b f0 91 af 0b      lds     Zhi,DAT_mem_0baf
code:00104d 30 e0      ldi     R19,0x0
code:00104e 20 e0      ldi     R18,0x0
code:00104f b0 e0      ldi     Xhi,0x0
code:001050 a0 e0      ldi     Xlo,0x0

LAB_code_001051      XREF [1]:  code:00108f(j)
code:001051 30 97      sbiw   Z,0x0
code:001052 99 f4      brbc    LAB_code_001066,Zf1g
code:001053 21 15      cp      R18,R1
code:001054 31 05      cpc     R19,R1
code:001055 09 f4      brbc    LAB_code_001057,Zf1g
code:001056 4a c0      rjmp   LAB_code_0010a1

LAB_code_001057      XREF [1]:  code:001055(j)
code:001057 28 1b      sub     R18,R24
code:001058 39 0b      sbc     R19,R25
code:001059 24 30      cpi     R18,0x4
code:00105a 31 05      cpc     R19,R1
code:00105b d8 f5      brbc    LAB_code_001097,Cf1g
code:00105c 8a 81      ldd     R24,Y+0x2
code:00105d 9b 81      ldd     R25,Y+0x3
code:00105e 61 15      cp      R22,R1
code:00105f 71 05      cpc     R23,R1
code:001060 89 f1      brbs    LAB_code_001092,Zf1g
code:001061 fb 01      movw   Z,R23R22
code:001062 93 83      std     Z+0x3,R25
code:001063 82 83      std     Z+0x2,R24

LAB_code_001064      XREF [1]:  code:001096(j)
code:001064 fe 01      movw   Z,Y
code:001065 11 c0      rjmp   LAB_code_001077

LAB_code_001066      XREF [1]:  code:001052(j)
code:001066 40 81      ld      R20,Z
code:001067 51 81      ldd     R21,Z+0x1
code:001068 02 81      ldd     R16,Z+0x2
code:001069 13 81      ldd     R17,Z+0x3
code:00106a 48 17      cp      R20,R24
code:00106b 59 07      cpc     R21,R25
code:00106c e0 f0      brbs    LAB_code_001089,Cf1g
code:00106d 48 17      cp      R20,R24
code:00106e 59 07      cpc     R21,R25
code:00106f 99 f4      brbc    LAB_code_001083,Zf1g
code:001070 10 97      sbiw   X,0x0
code:001071 61 f0      brbs    LAB_code_00107e,Zf1g
code:001072 12 96      adiw   X,0x2

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code:001073 0c 93	st	X,R16		
code:001074 12 97	sbiw	X,0x2		
code:001075 13 96	adiw	X,0x3		
code:001076 1c 93	st	X,R17		
	LAB_code_001077		XREF [2]:	code:001065(j), code:001082(j)
code:001077 32 96	adiw	Z,0x2		
	LAB_code_001078		XREF [3]:	code:0010a0(j), code:0010d8(j), code:0010db(j)
code:001078 cf 01	movw	R25R24,Z		
code:001079 df 91	pop	Yhi		
code:00107a cf 91	pop	Ylo		
code:00107b 1f 91	pop	R17		
code:00107c 0f 91	pop	R16		
code:00107d 08 95	ret			
	LAB_code_00107e		XREF [1]:	code:001071(j) = ?? = ??
code:00107e 00 93 ae 0b	sts	DAT_mem_Obae,R16		
code:001080 10 93 af 0b	sts	DAT_mem_Obaf,R17		
code:001082 f4 cf	rjmp	LAB_code_001077		
	LAB_code_001083		XREF [1]:	code:00106f(j)
code:001083 21 15	cp	R18,R1		
code:001084 31 05	cpc	R19,R1		
code:001085 51 f0	brbs	LAB_code_001090,Zflg		
code:001086 42 17	cp	R20,R18		
code:001087 53 07	cpc	R21,R19		
code:001088 38 f0	brbs	LAB_code_001090,Cflg		
	LAB_code_001089		XREF [1]:	code:00106c(j)
code:001089 a9 01	movw	R21R20,R19R18		
code:00108a db 01	movw	X,R23R22		
	LAB_code_00108b		XREF [1]:	code:001091(j)
code:00108b 9a 01	movw	R19R18,R21R20		
code:00108c bd 01	movw	R23R22,X		
code:00108d df 01	movw	X,Z		
code:00108e f8 01	movw	Z,R17R16		
code:00108f c1 cf	rjmp	LAB_code_001051		
	LAB_code_001090		XREF [2]:	code:001085(j), code:001088(j)
code:001090 ef 01	movw	Y,Z		
code:001091 f9 cf	rjmp	LAB_code_00108b		
	LAB_code_001092		XREF [1]:	code:001060(j) = ?? = ??
code:001092 90 93 af 0b	sts	DAT_mem_Obaf,R25		
code:001094 80 93 ae 0b	sts	DAT_mem_Obae,R24		
code:001096 cd cf	rjmp	LAB_code_001064		
	LAB_code_001097		XREF [1]:	code:00105b(j)
code:001097 fe 01	movw	Z,Y		
code:001098 e2 0f	add	Zlo,R18		
code:001099 f3 1f	adc	Zhi,R19		
code:00109a 81 93	st	Z+,R24		
code:00109b 91 93	st	Z+,R25		
code:00109c 22 50	subi	R18,0x2		
code:00109d 31 09	sbc	R19,R1		
code:00109e 39 83	std	Y+0x1,R19		
code:00109f 28 83	st	Y,R18		
code:0010a0 d7 cf	rjmp	LAB_code_001078		
	LAB_code_0010a1		XREF [1]:	code:001056(j) = ?? = ??
code:0010a1 20 91 ac 0b	lds	R18,DAT_mem_Obac		
code:0010a3 30 91 ad 0b	lds	R19,DAT_mem_Obad		
code:0010a5 23 2b	or	R18,R19		
code:0010a6 41 f4	brbc	LAB_code_0010af,Zflg		
code:0010a7 20 91 1a 02	lds	R18,DAT_mem_021a		= ??
code:0010a9 30 91 1b 02	lds	R19,DAT_mem_021b		= ??
code:0010ab 30 93 ad 0b	sts	DAT_mem_Obad,R19		= ??
code:0010ad 20 93 ac 0b	sts	DAT_mem_Obac,R18		= ??
	LAB_code_0010af		XREF [1]:	code:0010a6(j) = ?? = ??
code:0010af 20 91 18 02	lds	R18,DAT_mem_0218		
code:0010b1 30 91 19 02	lds	R19,DAT_mem_0219		
code:0010b3 21 15	cp	R18,R1		
code:0010b4 31 05	cpc	R19,R1		
code:0010b5 41 f4	brbc	LAB_code_0010be,Zflg		
code:0010b6 2d b7	in	R18,SPL		
code:0010b7 3e b7	in	R19,SPH		
code:0010b8 40 91 1c 02	lds	R20,DAT_mem_021c		= ??
code:0010ba 50 91 1d 02	lds	R21,DAT_mem_021d		= ??
code:0010bc 24 1b	sub	R18,R20		
code:0010bd 35 0b	sbc	R19,R21		
	LAB_code_0010be		XREF [1]:	code:0010b5(j) = ?? = ??
code:0010be e0 91 ac 0b	lds	Zlo,DAT_mem_Obac		
code:0010c0 f0 91 ad 0b	lds	Zhi,DAT_mem_Obad		
code:0010c2 e2 17	cp	Zlo,R18		

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code:0010c3 f3 07      cpc      Zhi,R19
code:0010c4 a0 f4      brbc    LAB_code_0010d9,Cflg
code:0010c5 2e 1b      sub     R18,Zlo
code:0010c6 3f 0b      sbc     R19,Zhi
code:0010c7 28 17      cp      R18,R24
code:0010c8 39 07      cpc     R19,R25
code:0010c9 78 f0      brbs   LAB_code_0010d9,Cflg
code:0010ca ac 01      movw   R21R20,R25R24
code:0010cb 4e 5f      subi   R20,0xfe
code:0010cc 5f 4f      sbci   R21,0xff
code:0010cd 24 17      cp      R18,R20
code:0010ce 35 07      cpc     R19,R21
code:0010cf 48 f0      brbs   LAB_code_0010d9,Cflg
code:0010d0 4e 0f      add    R20,Zlo
code:0010d1 5f 1f      adc    R21,Zhi
code:0010d2 50 93 ad 0b  sts    DAT_mem_0bad,R21      = ??
code:0010d4 40 93 ac 0b  sts    DAT_mem_0bac,R20    = ??
code:0010d6 81 93      st     Z+,R24
code:0010d7 91 93      st     Z+,R25
code:0010d8 9f cf      rjmp   LAB_code_001078

LAB_code_0010d9                                XREF[3]:  code:0010c4(j), code:0010c9(j),
                                                code:0010cf(j)

code:0010d9 f0 e0      ldi    Zhi,0x0
code:0010da e0 e0      ldi    Zlo,0x0
code:0010db 9c cf      rjmp   LAB_code_001078

*****
*                               *
*                               *
*****
undefined FUN_code_0010dc()
undefined R24:1 <RETURN>
FUN_code_0010dc                                XREF[4]:  FUN_code_00073e:000745(c),
                                                FUN_code_000788:00078d(c),
                                                FUN_code_001165:0011a(c),
                                                FUN_code_001165:00123f(c)

code:0010dc cf 93      push   Ylo
code:0010dd df 93      push   Yhi
code:0010de 00 97      sbiw   R25R24,0x0
code:0010df e9 f0      brbs   LAB_code_0010fd,Zflg
code:0010e0 fc 01      movw   Z,R25R24
code:0010e1 32 97      sbiw   Z,0x2
code:0010e2 13 82      std    Z+0x3,R1
code:0010e3 12 82      std    Z+0x2,R1
code:0010e4 a0 91 ae 0b  lds    Xlo,DAT_mem_0bae    = ??
code:0010e6 b0 91 af 0b  lds    Xhi,DAT_mem_0baf    = ??
code:0010e8 ed 01      movw   Y,X
code:0010e9 30 e0      ldi    R19,0x0
code:0010ea 20 e0      ldi    R18,0x0
code:0010eb 10 97      sbiw   X,0x0
code:0010ec a1 f4      brbc   LAB_code_001101,Zflg
code:0010ed 20 81      ld     R18,Z
code:0010ee 31 81      ldd   R19,Z+0x1
code:0010ef 82 0f      add    R24,R18
code:0010f0 93 1f      adc    R25,R19
code:0010f1 20 91 ac 0b  lds    R18,DAT_mem_0bac    = ??
code:0010f3 30 91 ad 0b  lds    R19,DAT_mem_0bad    = ??
code:0010f5 28 17      cp     R18,R24
code:0010f6 39 07      cpc   R19,R25
code:0010f7 09 f0      brbs   LAB_code_0010fd,Zflg
code:0010f8 61 c0      rjmp   LAB_code_00115a

LAB_code_0010f9                                XREF[1]:  code:0010f7(j)
code:0010f9 f0 93 ad 0b  sts    DAT_mem_0bad,Zhi    = ??
code:0010fb e0 93 ac 0b  sts    DAT_mem_0bac,Zlo    = ??

LAB_code_0010fd                                XREF[4]:  code:0010df(j), code:001135(j),
                                                code:001140(j), code:00115e(j)

code:0010fd df 91      pop    Yhi
code:0010fe cf 91      pop    Ylo
code:0010ff 08 95      ret

LAB_code_001100                                XREF[1]:  code:001109(j)
code:001100 ea 01      movw   Y,R21R20

LAB_code_001101                                XREF[1]:  code:0010ec(j)
code:001101 ce 17      cp     Ylo,Zlo
code:001102 df 07      cpc   Yhi,Zhi
code:001103 e8 f5      brbc   LAB_code_001141,Cflg
code:001104 4a 81      ldd   R20,Y+0x2
code:001105 5b 81      ldd   R21,Y+0x3
code:001106 9e 01      movw   R19R18,Y
code:001107 41 15      cp     R20,R1
code:001108 51 05      cpc   R21,R1
code:001109 b1 f7      brbc   LAB_code_001100,Zflg

LAB_code_00110a                                XREF[1]:  code:001159(j)
code:00110a e9 01      movw   Y,R19R18
code:00110b fb 83      std   Y+0x3,Zhi

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LAB_code_00115f                                XREF [1]:    code:001127(j)
code:00115f fd 01      movw      Z,X
code:001160 dc 01      movw      X,R25R24
code:001161 c0 cf      rjmp     LAB_code_001122

LAB_code_001162                                XREF [1]:    code:001137(j)
code:001162 13 82      std       Z+0x3,R1
code:001163 12 82      std       Z+0x2,R1
code:001164 d7 cf      rjmp     LAB_code_00113c

*****
*                               *
*                               *
*****
undefined FUN_code_001165()
R24:1      <RETURN>
FUN_code_001165                                XREF [1]:    FUN_code_000716:00072d(c)
code:001165 4f 92      push     R4
code:001166 5f 92      push     R5
code:001167 6f 92      push     R6
code:001168 7f 92      push     R7
code:001169 8f 92      push     R8
code:00116a 9f 92      push     R9
code:00116b af 92      push     R10
code:00116c bf 92      push     R11
code:00116d cf 92      push     R12
code:00116e df 92      push     R13
code:00116f ef 92      push     R14
code:001170 ff 92      push     R15
code:001171 0f 93      push     R16
code:001172 1f 93      push     R17
code:001173 cf 93      push     Ylo
code:001174 df 93      push     Yhi
code:001175 8c 01      movw     R17R16,R25R24
code:001176 00 97      sbiw     R25R24,0x0
code:001177 99 f4      brbc    LAB_code_00118b,Zflg
code:001178 cb 01      movw     R25R24,R23R22
code:001179 df 91      pop      Yhi
code:00117a cf 91      pop      Ylo
code:00117b 1f 91      pop      R17
code:00117c 0f 91      pop      R16
code:00117d ff 90      pop      R15
code:00117e ef 90      pop      R14
code:00117f df 90      pop      R13
code:001180 cf 90      pop      R12
code:001181 bf 90      pop      R11
code:001182 af 90      pop      R10
code:001183 9f 90      pop      R9
code:001184 8f 90      pop      R8
code:001185 7f 90      pop      R7
code:001186 6f 90      pop      R6
code:001187 5f 90      pop      R5
code:001188 4f 90      pop      R4
code:001189 0c 94 40 10  jmp     FUN_code_001040      undefined FUN_code_001040 ()
-- Flow Override: CALL_RETURN (CALL_TERMINATOR)

LAB_code_00118b                                XREF [1]:    code:001177(j)
code:00118b fc 01      movw     Z,R25R24
code:00118c e6 0f      add     Zlo,R22
code:00118d f7 1f      adc     Zhi,R23
code:00118e 9c 01      movw     R19R18,R25R24
code:00118f 22 50      subi     R18,0x2
code:001190 31 09      sbc     R19,R1
code:001191 e2 17      cp      Zlo,R18
code:001192 f3 07      cpc     Zhi,R19
code:001193 08 f4      brbc    LAB_code_001195,Cflg
code:001194 ae c0      rjmp     LAB_code_001243

LAB_code_001195                                XREF [1]:    code:001193(j)
code:001195 d9 01      movw     X,R19R18
code:001196 cd 91      ld      Ylo,X+
code:001197 dc 91      ld      Yhi,X
code:001198 11 97      sbiw     X,0x1
code:001199 c6 17      cp      Ylo,R22
code:00119a d7 07      cpc     Yhi,R23
code:00119b 20 f1      brbs    LAB_code_0011c0,Cflg
code:00119c c5 30      cpi     Ylo,0x5
code:00119d d1 05      cpc     Yhi,R1
code:00119e 78 f0      brbs    LAB_code_0011ae,Cflg
code:00119f ce 01      movw     R25R24,Y
code:0011a0 04 97      sbiw     R25R24,0x4
code:0011a1 86 17      cp      R24,R22
code:0011a2 97 07      cpc     R25,R23
code:0011a3 50 f0      brbs    LAB_code_0011ae,Cflg
code:0011a4 c6 1b      sub     Ylo,R22
code:0011a5 d7 0b      sbc     Yhi,R23
code:0011a6 22 97      sbiw     Y,0x2
code:0011a7 c1 93      st      Z+,Ylo
code:0011a8 d1 93      st      Z+,Yhi

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code:0011a9 6d 93      st      X+,R22
code:0011aa 7c 93      st      X,R23
code:0011ab cf 01      movw   R25R24,Z
code:0011ac 0e 94 dc 10 call    FUN_code_0010dc          undefinedFUN_code_0010dc()

LAB_code_0011ae
XREF [7]: code:00119e(j), code:0011a3(j),
code:0011f5(j), code:00121f(j),
code:00122c(j), code:001242(j),
code:001245(j)

code:0011ae c8 01      movw   R25R24,R17R16
code:0011af df 91      pop    Yhi
code:0011b0 cf 91      pop    Ylo
code:0011b1 1f 91      pop    R17
code:0011b2 0f 91      pop    R16
code:0011b3 ff 90      pop    R15
code:0011b4 ef 90      pop    R14
code:0011b5 df 90      pop    R13
code:0011b6 cf 90      pop    R12
code:0011b7 bf 90      pop    R11
code:0011b8 af 90      pop    R10
code:0011b9 9f 90      pop    R9
code:0011ba 8f 90      pop    R8
code:0011bb 7f 90      pop    R7
code:0011bc 6f 90      pop    R6
code:0011bd 5f 90      pop    R5
code:0011be 4f 90      pop    R4
code:0011bf 08 95      ret

LAB_code_0011c0
XREF [1]: code:00119b(j)

code:0011c0 5b 01      movw   R11R10,R23R22
code:0011c1 ac 1a      sub    R10,Ylo
code:0011c2 bd 0a      sbc    R11,Yhi
code:0011c3 4c 01      movw   R9R8,R25R24
code:0011c4 8c 0e      add    R8,Ylo
code:0011c5 9d 1e      adc    R9,Yhi
code:0011c6 a0 91 ae 0b lds    Xlo,DAT_mem_0bae    = ??
code:0011c8 b0 91 af 0b lds    Xhi,DAT_mem_0baf    = ??
code:0011ca 51 2c      mov    R5,R1
code:0011cb 41 2c      mov    R4,R1
code:0011cc f1 2c      mov    R15,R1
code:0011cd e1 2c      mov    R14,R1

LAB_code_0011ce
XREF [1]: code:001233(j)

code:0011ce 10 97      sbiw   X,0x0
code:0011cf 31 f5      brbc   LAB_code_0011f6,Zflg
code:0011d0 80 91 ac 0b lds    R24,DAT_mem_0bac    = ??
code:0011d2 90 91 ad 0b lds    R25,DAT_mem_0bad    = ??
code:0011d4 88 15      cp     R24,R8
code:0011d5 99 05      cpc    R25,R9
code:0011d6 09 f0      brbs   LAB_code_0011d8,Zflg
code:0011d7 5c c0      rjmp   LAB_code_001234

LAB_code_0011d8
XREF [1]: code:0011d6(j)

code:0011d8 46 16      cp     R4,R22
code:0011d9 57 06      cpc    R5,R23
code:0011da 08 f0      brbs   LAB_code_0011dc,Cflg
code:0011db 58 c0      rjmp   LAB_code_001234

LAB_code_0011dc
XREF [1]: code:0011da(j)

code:0011dc 80 91 18 02 lds    R24,DAT_mem_0218    = ??
code:0011de 90 91 19 02 lds    R25,DAT_mem_0219    = ??
code:0011e0 00 97      sbiw   R25R24,0x0
code:0011e1 41 f4      brbc   LAB_code_0011ea,Zflg
code:0011e2 8d b7      in     R24,SPH
code:0011e3 9e b7      in     R25,SPH
code:0011e4 40 91 1c 02 lds    R20,DAT_mem_021c    = ??
code:0011e6 50 91 1d 02 lds    R21,DAT_mem_021d    = ??
code:0011e8 84 1b      sub    R24,R20
code:0011e9 95 0b      sbc    R25,R21

LAB_code_0011ea
XREF [1]: code:0011e1(j)

code:0011ea e8 17      cp     Zlo,R24
code:0011eb f9 07      cpc    Zhi,R25
code:0011ec 08 f0      brbs   LAB_code_0011ee,Cflg
code:0011ed 55 c0      rjmp   LAB_code_001243

LAB_code_0011ee
XREF [1]: code:0011ec(j)

code:0011ee f0 93 ad 0b sts    DAT_mem_0ba4,Zhi    = ??
code:0011f0 e0 93 ac 0b sts    DAT_mem_0ba4,Zlo    = ??
code:0011f2 f9 01      movw   Z,R19R18
code:0011f3 71 83      std    Z+0x1,R23
code:0011f4 60 83      st     Z,R22
code:0011f5 b8 cf      rjmp   LAB_code_0011ae

LAB_code_0011f6
XREF [1]: code:0011cf(j)

code:0011f6 8d 91      ld     R24,X+
code:0011f7 9c 91      ld     R25,X
code:0011f8 11 97      sbiw   X,0x1
code:0011f9 12 96      adiw   X,0x2

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code:0011fa 6c 90      ld      R6,X
code:0011fb 12 97      sbiw   X,0x2
code:0011fc 13 96      adiw   X,0x3
code:0011fd 7c 90      ld      R7,X
code:0011fe 13 97      sbiw   X,0x3
code:0011ff a8 15      cp      X10,R8
code:001200 b9 05      cpc     Xhi,R9
code:001201 59 f5      brbc   LAB_code_00122d,Zflg
code:001202 6c 01      movw   R13R12,R25R24
code:001203 42 e0      ldi    R20,0x2
code:001204 c4 0e      add    R12,R20
code:001205 d1 1c      adc    R13,R1
code:001206 ca 14      cp     R12,R10
code:001207 db 04      cpc    R13,R11
code:001208 20 f1      brbs   LAB_code_00122d,Cflg
code:001209 ac 01      movw   R21R20,R25R24
code:00120a 4a 19      sub    R20,R10
code:00120b 5b 09      sbc    R21,R11
code:00120c da 01      movw   X,R21R20
code:00120d 12 96      adiw   X,0x2
code:00120e 15 97      sbiw   X,0x5
code:00120f 80 f0      brbs   LAB_code_001220,Cflg
code:001210 62 82      std    Z+0x2,R6
code:001211 73 82      std    Z+0x3,R7
code:001212 51 83      std    Z+0x1,R21
code:001213 40 83      st     Z,R20
code:001214 d9 01      movw   X,R19R18
code:001215 6d 93      st     X+,R22
code:001216 7c 93      st     X,R23

LAB_code_001217
code:001217 e1 14      cp      R14,R1
code:001218 f1 04      cpc    R15,R1
code:001219 71 f0      brbs   LAB_code_001228,Zflg
code:00121a d7 01      movw   X,R15R14
code:00121b 13 96      adiw   X,0x3
code:00121c fc 93      st     X,Zhi
code:00121d ee 93      st     -X,Zlo
code:00121e 12 97      sbiw   X,0x2
code:00121f 8e cf      rjmp   LAB_code_0011ae

LAB_code_001220
code:001220 22 96      adiw   Y,0x2
code:001221 8c 0f      add    R24,Y10
code:001222 9d 1f      adc    R25,Yhi
code:001223 f9 01      movw   Z,R19R18
code:001224 91 83      std    Z+0x1,R25
code:001225 80 83      st     Z,R24
code:001226 f3 01      movw   Z,R7R6
code:001227 ef cf      rjmp   LAB_code_001217

LAB_code_001228
code:001228 f0 93 af 0b    sts    DAT_mem_0baF,Zhi
code:00122a e0 93 ae 0b    sts    DAT_mem_0bae,Zlo
code:00122c 81 cf      rjmp   LAB_code_0011ae

LAB_code_00122d
code:00122d 48 16      cp     R4,R24
code:00122e 59 06      cpc    R5,R25
code:00122f 08 f4      brbc   LAB_code_001231,Cflg
code:001230 2c 01      movw   R5R4,R25R24

LAB_code_001231
code:001231 7d 01      movw   R15R14,X
code:001232 d3 01      movw   X,R7R6
code:001233 9a cf      rjmp   LAB_code_0011ce

LAB_code_001234
code:001234 cb 01      movw   R25R24,R23R22
code:001235 0e 94 40 10    call   FUN_code_001040
code:001237 7c 01      movw   R15R14,R25R24
code:001238 00 97      sbiw   R25R24,0x0
code:001239 49 f0      brbs   LAB_code_001243,Zflg
code:00123a ae 01      movw   R21R20,Y
code:00123b b8 01      movw   R23R22,R17R16
code:00123c 0e 94 53 12    call   FUN_code_001253
code:00123e c8 01      movw   R25R24,R17R16
code:00123f 0e 94 dc 10    call   FUN_code_0010dc
code:001241 87 01      movw   R17R16,R15R14
code:001242 6b cf      rjmp   LAB_code_0011ae

LAB_code_001243
code:001243 10 e0      ldi    R17,0x0
code:001244 00 e0      ldi    R16,0x0
code:001245 68 cf      rjmp   LAB_code_0011ae
code:001246 81      ??     81h
code:001246.1 e0      ??     E0h
code:001247 90      ??     90h
XREF [1]: code:001227(j)
XREF [1]: code:00120f(j)
XREF [1]: code:001219(j)
           = ??
           = ??
XREF [2]: code:001201(j), code:001208(j)
XREF [1]: code:00122f(j)
XREF [2]: code:0011d7(j), code:0011db(j)
           undefinedFUN_code_001040 ()
           undefinedFUN_code_001253 ()
           undefinedFUN_code_0010dc ()
XREF [3]: code:001194(j), code:0011ed(j),
           code:001239(j)

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code:001247.1 e0      ??      E0h
code:001248 f8      ??      F8h
code:001248.1 94      ??      94h
code:001249 0c      ??      0Ch
code:001249.1 94      ??      94h
code:00124a 63      ??      63h   c
code:00124a.1 12      ??      12h

*****
*                      FUNCTION                      *
*****
undefined FUN_code_00124b()
R24:1              <RETURN>
FUN_code_00124b          XREF [1]:  FUN_code_000ae1:000c0d(c)
code:00124b 91 11      cpse      R25,R1
code:00124c 08 95      ret
code:00124d 81 56      subi     R24,0x61
code:00124e 8a 51      subi     R24,0x1a
code:00124f 08 f4      brbc     LAB_code_001251,Cflg
code:001250 80 52      subi     R24,0x20

LAB_code_001251          XREF [1]:  code:00124f(j)
code:001251 85 58      subi     R24,0x85
code:001252 08 95      ret

*****
*                      FUNCTION                      *
*****
undefined FUN_code_001253()
R24:1              <RETURN>
FUN_code_001253          XREF [1]:  FUN_code_001165:00123c(c)
code:001253 fb 01      movw     Z,R23R22
code:001254 dc 01      movw     X,R25R24
code:001255 02 c0      rjmp     LAB_code_001258

LAB_code_001256          XREF [1]:  code:00125a(j)
code:001256 01 90      ld       R0,Z+
code:001257 0d 92      st       X+,R0

LAB_code_001258          XREF [1]:  code:001255(j)
code:001258 41 50      subi     R20,0x1
code:001259 50 40      sbci     R21,0x0
code:00125a d8 f7      brbc     LAB_code_001256,Cflg
code:00125b 08 95      ret

*****
*                      FUNCTION                      *
*****
undefined FUN_code_00125c()
R24:1              <RETURN>
FUN_code_00125c          XREF [2]:  FUN_code_000750:00076e(c),
FUN_code_000ae1:000be9(c)
code:00125c fb 01      movw     Z,R23R22
code:00125d dc 01      movw     X,R25R24

LAB_code_00125e          XREF [1]:  code:001261(j)
code:00125e 01 90      ld       R0,Z+
code:00125f 0d 92      st       X+,R0
code:001260 00 20      and     R0,R0
code:001261 e1 f7      brbc     LAB_code_00125e,Zflg
code:001262 08 95      ret

*****
*                      FUNCTION                      *
*****
undefined FUN_code_001263()
R24:1              <RETURN>
FUN_code_001263          XREF [1]:  FUN_code_00017c:0001ab(c)
code:001263 11 e0      ldi     R17,0x1
code:001264 cb e7      ldi     Y10,0x7b
code:001265 d1 e0      ldi     Y11,0x1
code:001266 00 e0      ldi     R16,0x0
code:001267 06 c0      rjmp     LAB_code_00126e

LAB_code_001268          XREF [1]:  code:001272(j)
code:001268 80 2f      mov     R24,R16
code:001269 fe 01      movw    Z,Y
code:00126a 0e 94 38 10  call     FUN_code_001038          undefined FUN_code_001038 ()
code:00126c 21 96      adiw   Y,0x1
code:00126d 01 1d      adc     R16,R1

LAB_code_00126e          XREF [1]:  code:001267(j)
code:00126e cc 37      cpi     Y10,0x7c
code:00126f d1 07      cpc     Y11,R17
code:001270 80 e0      ldi     R24,0x0
code:001271 08 07      cpc     R16,R24
code:001272 a9 f7      brbc     LAB_code_001268,Zflg
code:001273 f8 94      cli

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LAB_code_001274
code:001274 ff cf      xjmp      LAB_code_001274
code:001275 09      ??      09h
code:001275.1 00      ??      00h
code:001276 ff      ??      FFh
code:001276.1 ff      ??      FFh
code:001277 ff      ??      FFh
code:001277.1 ff      ??      FFh
code:001278 ff      ??      FFh
code:001278.1 ff      ??      FFh
code:001279 ff      ??      FFh
code:001279.1 ff      ??      FFh
code:00127a ff      ??      FFh
code:00127a.1 ff      ??      FFh
code:00127b ff      ??      FFh
code:00127b.1 ff      ??      FFh
code:00127c 33      ??      33h      3
code:00127c.1 2e      ??      2Eh      .
code:00127d 32      ??      32h      2
code:00127d.1 2e      ??      2Eh      .
code:00127e 34      ??      34h      4
code:00127e.1 00      ??      00h
code:00127f ff      ??      FFh
code:00127f.1 ff      ??      FFh
code:001280 ff      ??      FFh
code:001280.1 ff      ??      FFh
code:001281 00      ??      00h
code:001281.1 00      ??      00h
code:001282 b0      ??      B0h
code:001282.1 0b      ??      0Bh
code:001283 80      ??      80h
code:001283.1 00      ??      00h
code:001284 09      ??      09h
code:001284.1 00      ??      00h
code:001285 0a      ??      0Ah
code:001285.1 00      ??      00h
code:001286 0b      ??      0Bh
code:001286.1 00      ??      00h
code:001287 08      ??      08h
code:001287.1 00      ??      00h
code:001288 10      ??      10h
code:001288.1 00      ??      00h
code:001289 0f      ??      0Fh
code:001289.1 00      ??      00h
code:00128a 0c      ??      0Ch
code:00128a.1 00      ??      00h
code:00128b 0d      ??      0Dh
code:00128b.1 00      ??      00h
code:00128c 0e      ??      0Eh
code:00128c.1 00      ??      00h
code:00128d 00      ??      00h
code:00128d.1 00      ??      00h
code:00128e 4b      ??      4Bh      K
code:00128e.1 05      ??      05h
code:00128f 01      ??      01h
code:00128f.1 00      ??      00h
code:001290 54      ??      54h      T
code:001290.1 05      ??      05h
code:001291 02      ??      02h
code:001291.1 00      ??      00h
code:001292 5c      ??      5Ch      \
code:001292.1 05      ??      05h
code:001293 03      ??      03h
code:001293.1 00      ??      00h
code:001294 65      ??      65h      e
code:001294.1 05      ??      05h
code:001295 04      ??      04h
code:001295.1 00      ??      00h
code:001296 6d      ??      6Dh      m
code:001296.1 05      ??      05h
code:001297 05      ??      05h
code:001297.1 00      ??      00h
code:001298 76      ??      76h      v
code:001298.1 05      ??      05h
code:001299 06      ??      06h
code:001299.1 00      ??      00h
code:00129a 7f      ??      7Fh
code:00129a.1 05      ??      05h
code:00129b 07      ??      07h
code:00129b.1 00      ??      00h
code:00129c 87      ??      87h
code:00129c.1 05      ??      05h
code:00129d 08      ??      08h
code:00129d.1 00      ??      00h
code:00129e 90      ??      90h
code:00129e.1 05      ??      05h
code:00129f 09      ??      09h
code:00129f.1 00      ??      00h

```

XREF[1]: code:001274(j)

code:0012a0 99	??	99h	
code:0012a0.1 05	??	05h	
code:0012a1 0a	??	0Ah	
code:0012a1.1 00	??	00h	
code:0012a2 a7	??	A7h	
code:0012a2.1 05	??	05h	
code:0012a3 0b	??	0Bh	
code:0012a3.1 00	??	00h	
code:0012a4 af	??	AFh	
code:0012a4.1 05	??	05h	
code:0012a5 0c	??	0Ch	
code:0012a5.1 00	??	00h	
code:0012a6 b7	??	B7h	
code:0012a6.1 05	??	05h	
code:0012a7 0d	??	0Dh	
code:0012a7.1 00	??	00h	
code:0012a8 c2	??	C2h	
code:0012a8.1 05	??	05h	
code:0012a9 0e	??	0Eh	
code:0012a9.1 00	??	00h	
code:0012aa ca	??	CAh	
code:0012aa.1 05	??	05h	
code:0012ab 0f	??	0Fh	
code:0012ab.1 00	??	00h	
code:0012ac d3	??	D3h	
code:0012ac.1 05	??	05h	
code:0012ad 00	??	00h	
code:0012ad.1 00	??	00h	
code:0012ae dc	??	DCh	
code:0012ae.1 05	??	05h	
code:0012af 01	??	01h	
code:0012af.1 00	??	00h	
code:0012b0 e8	??	E8h	
code:0012b0.1 05	??	05h	
code:0012b1 02	??	02h	
code:0012b1.1 00	??	00h	
code:0012b2 f3	??	F3h	
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code:0012b3 03	??	03h	
code:0012b3.1 00	??	00h	
code:0012b4 fe	??	FEh	
code:0012b4.1 05	??	05h	
code:0012b5 04	??	04h	
code:0012b5.1 00	??	00h	
code:0012b6 0b	??	0Bh	
code:0012b6.1 06	??	06h	
code:0012b7 05	??	05h	
code:0012b7.1 00	??	00h	
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code:0012ba 23	??	23h	#
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code:0012bb.1 00	??	00h	
code:0012bc 2f	??	2Fh	/
code:0012bc.1 06	??	06h	
code:0012bd 08	??	08h	
code:0012bd.1 00	??	00h	
code:0012be 3a	??	3Ah	:
code:0012be.1 06	??	06h	
code:0012bf 09	??	09h	
code:0012bf.1 00	??	00h	
code:0012c0 45	??	45h	E
code:0012c0.1 06	??	06h	
code:0012c1 0a	??	0Ah	
code:0012c1.1 00	??	00h	
code:0012c2 50	??	50h	P
code:0012c2.1 06	??	06h	
code:0012c3 0b	??	0Bh	
code:0012c3.1 00	??	00h	
code:0012c4 5b	??	5Bh	[
code:0012c4.1 06	??	06h	
code:0012c5 0c	??	0Ch	
code:0012c5.1 00	??	00h	
code:0012c6 66	??	66h	f
code:0012c6.1 06	??	06h	
code:0012c7 0d	??	0Dh	
code:0012c7.1 00	??	00h	
code:0012c8 72	??	72h	r
code:0012c8.1 06	??	06h	
code:0012c9 0e	??	0Eh	
code:0012c9.1 00	??	00h	
code:0012ca 7e	??	7Eh	~
code:0012ca.1 06	??	06h	
code:0012cb 15	??	15h	
code:0012cb.1 00	??	00h	
code:0012cc 8a	??	8Ah	

code:0012cc.1 06	??	06h	
code:0012cd 1c	??	1Ch	
code:0012cd.1 00	??	00h	
code:0012ce 95	??	95h	
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code:0012cf 13	??	13h	
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code:0012d0 a3	??	A3h	
code:0012d0.1 06	??	06h	
code:0012d1 14	??	14h	
code:0012d1.1 00	??	00h	
code:0012d2 ae	??	Aeh	
code:0012d2.1 06	??	06h	
code:0012d3 1a	??	1Ah	
code:0012d3.1 00	??	00h	
code:0012d4 bb	??	Bbh	
code:0012d4.1 06	??	06h	
code:0012d5 11	??	11h	
code:0012d5.1 00	??	00h	
code:0012d6 c8	??	C8h	
code:0012d6.1 06	??	06h	
code:0012d7 1b	??	1Bh	
code:0012d7.1 00	??	00h	
code:0012d8 d4	??	D4h	
code:0012d8.1 06	??	06h	
code:0012d9 12	??	12h	
code:0012d9.1 00	??	00h	
code:0012da dc	??	DCh	
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code:0012dc.1 06	??	06h	
code:0012dd 3c	??	3Ch	<
code:0012dd.1 00	??	00h	
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code:0012de.1 06	??	06h	
code:0012df 37	??	37h	7
code:0012df.1 00	??	00h	
code:0012e0 f7	??	F7h	
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code:0012e1 3d	??	3Dh	=
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code:0012e2 ff	??	FFh	
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code:0012e3.1 00	??	00h	
code:0012e4 07	??	07h	
code:0012e4.1 07	??	07h	
code:0012e5 3e	??	3Eh	>
code:0012e5.1 00	??	00h	
code:0012e6 0f	??	0Fh	
code:0012e6.1 07	??	07h	
code:0012e7 39	??	39h	9
code:0012e7.1 00	??	00h	
code:0012e8 18	??	18h	
code:0012e8.1 07	??	07h	
code:0012e9 3f	??	3Fh	?
code:0012e9.1 00	??	00h	
code:0012ea 20	??	20h	
code:0012ea.1 07	??	07h	
code:0012eb 3a	??	3Ah	:
code:0012eb.1 00	??	00h	
code:0012ec 27	??	27h	'
code:0012ec.1 07	??	07h	
code:0012ed 40	??	40h	@
code:0012ed.1 00	??	00h	
code:0012ee 2e	??	2Eh	.
code:0012ee.1 07	??	07h	
code:0012ef 3b	??	3Bh	;
code:0012ef.1 00	??	00h	
code:0012f0 3a	??	3Ah	:
code:0012f0.1 07	??	07h	
code:0012f1 41	??	41h	A
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code:0012f2 42	??	42h	B
code:0012f2.1 07	??	07h	
code:0012f3 42	??	42h	B
code:0012f3.1 00	??	00h	
code:0012f4 4e	??	4Eh	N
code:0012f4.1 07	??	07h	
code:0012f5 43	??	43h	C
code:0012f5.1 00	??	00h	
code:0012f6 59	??	59h	Y
code:0012f6.1 07	??	07h	
code:0012f7 44	??	44h	D
code:0012f7.1 00	??	00h	
code:0012f8 64	??	64h	d
code:0012f8.1 07	??	07h	

code:0012f9	45	??	45h	E
code:0012f9.1	00	??	00h	
code:0012fa	6f	??	6Fh	o
code:0012fa.1	07	??	07h	
code:0012fb	00	??	00h	
code:0012fb.1	00	??	00h	
code:0012fc	00	??	00h	
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code:0012ff	00	??	00h	
code:0012ff.1	00	??	00h	
code:001300	4f	??	4Fh	O
code:001300.1	02	??	02h	
code:001301	af	??	AFh	
code:001301.1	01	??	01h	
code:001302	e6	??	E6h	
code:001302.1	01	??	01h	
code:001303	b7	??	B7h	
code:001303.1	02	??	02h	
code:001304	17	??	17h	
code:001304.1	02	??	02h	
code:001305	f5	??	F5h	
code:001305.1	01	??	01h	
code:001306	09	??	09h	
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code:001307	00	??	00h	
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code:001308	00	??	00h	
code:001308.1	00	??	00h	
code:001309	14	??	14h	
code:001309.1	07	??	07h	
code:00130a	00	??	00h	
code:00130a.1	00	??	00h	
code:00130b	00	??	00h	
code:00130b.1	00	??	00h	
code:00130c	b1	??	B1h	
code:00130c.1	04	??	04h	
code:00130d	ad	??	ADh	
code:00130d.1	04	??	04h	
code:00130e	52 65 61	ds		"RealSimGear-G1000XFD"
	6c 53 69			
	6d 47 65 ...			
code:001318.1	45 4e 43	ds		"ENC_ALT_OUTER_UP"
	5f 41 4c			
	54 5f 4f ...			
code:001321	45 4e 43	ds		"ENC_ALT_OUTER_DN"
	5f 41 4c			
	54 5f 4f ...			
code:001329.1	45 4e 43	ds		"ENC_ALT_INNER_UP"
	5f 41 4c			
	54 5f 49 ...			
code:001332	45 4e 43	ds		"ENC_ALT_INNER_DN"
	5f 41 4c			
	54 5f 49 ...			
code:00133a.1	45 4e 43	ds		"ENC_NAV_INNER_UP"
	5f 4e 41			
	56 5f 49 ...			
code:001343	45 4e 43	ds		"ENC_NAV_INNER_DN"
	5f 4e 41			
	56 5f 49 ...			
code:00134b.1	45 4e 43	ds		"ENC_NAV_OUTER_UP"
	5f 4e 41			
	56 5f 4f ...			
code:001354	45 4e 43	ds		"ENC_NAV_OUTER_DN"
	5f 4e 41			
	56 5f 4f ...			
code:00135c.1	45	??	45h	E
code:00135d	4e	??	4Eh	N
code:00135d.1	43	??	43h	C
code:00135e	5f	??	5Fh	_
code:00135e.1	48	??	48h	H
code:00135f	44	??	44h	D
code:00135f.1	47	??	47h	G
code:001360	5f	??	5Fh	_
code:001360.1	55	??	55h	U
code:001361	50	??	50h	P
code:001361.1	00	??	00h	
code:001362	45	??	45h	E
code:001362.1	4e	??	4Eh	N
code:001363	43	??	43h	C
code:001363.1	5f	??	5Fh	_
code:001364	48	??	48h	H
code:001364.1	44	??	44h	D
code:001365	47	??	47h	G
code:001365.1	5f	??	5Fh	_
code:001366	44	??	44h	D



code:001366.1	4e	??	4Eh	N
code:001367	00	??	00h	
code:001367.1	45 4e 43	ds	"ENC_RANGE_DN"	
	5f 52 41			
	4e 47 45 ...			
code:00136e	45 4e 43	ds	"ENC_RANGE_UP"	
	5f 52 41			
	4e 47 45 ...			
code:001374.1	45 4e 43	ds	"ENC_COM_OUTER_UP"	
	5f 43 4f			
	4d 5f 4f ...			
code:00137d	45 4e 43	ds	"ENC_COM_OUTER_DN"	
	5f 43 4f			
	4d 5f 4f ...			
code:001385.1	45 4e 43	ds	"ENC_COM_INNER_UP"	
	5f 43 4f			
	4d 5f 49 ...			
code:00138e	45 4e 43	ds	"ENC_COM_INNER_DN"	
	5f 43 4f			
	4d 5f 49 ...			
code:001396.1	45 4e 43	ds	"ENC_CRS_UP"	
	5f 43 52			
	53 5f 55 ...			
code:00139c	45	??	45h	E
code:00139c.1	4e	??	4Eh	N
code:00139d	43	??	43h	C
code:00139d.1	5f	??	5Fh	_
code:00139e	43	??	43h	C
code:00139e.1	52	??	52h	R
code:00139f	53	??	53h	S
code:00139f.1	5f	??	5Fh	_
code:0013a0	44	??	44h	D
code:0013a0.1	4e	??	4Eh	N
code:0013a1	00	??	00h	
code:0013a1.1	45 4e 43	ds	"ENC_BARO_UP"	
	5f 42 41			
	52 4f 5f ...			
code:0013a7.1	45 4e 43	ds	"ENC_BARO_DN"	
	5f 42 41			
	52 4f 5f ...			
code:0013ad.1	45 4e 43	ds	"ENC_FMS_OUTER_UP"	
	5f 46 4d			
	53 5f 4f ...			
code:0013b6	45 4e 43	ds	"ENC_FMS_OUTER_DN"	
	5f 46 4d			
	53 5f 4f ...			
code:0013be.1	45 4e 43	ds	"ENC_FMS_INNER_UP"	
	5f 46 4d			
	53 5f 49 ...			
code:0013c7	45 4e 43	ds	"ENC_FMS_INNER_DN"	
	5f 46 4d			
	53 5f 49 ...			
code:0013cf.1	45 4e 43	ds	"ENC_NAV_VOL_DN"	
	5f 4e 41			
	56 5f 56 ...			
code:0013d7	45 4e 43	ds	"ENC_NAV_VOL_UP"	
	5f 4e 41			
	56 5f 56 ...			
code:0013de.1	45 4e 43	ds	"ENC_COM_VOL_DN"	
	5f 43 4f			
	4d 5f 56 ...			
code:0013e6	45 4e 43	ds	"ENC_COM_VOL_UP"	
	5f 43 4f			
	4d 5f 56 ...			
code:0013ed.1	37	??	37h	7
code:0013ee	35	??	35h	5
code:0013ee.1	36	??	36h	6
code:0013ef	45	??	45h	E
code:0013ef.1	36	??	36h	6
code:0013f0	42	??	42h	B
code:0013f0.1	37	??	37h	7
code:0013f1	37	??	37h	7
code:0013f1.1	36	??	36h	6
code:0013f2	39	??	39h	9
code:0013f2.1	39	??	39h	9
code:0013f3	39	??	39h	9
code:0013f3.1	39	??	39h	9
code:0013f4	00	??	00h	
code:0013f4.1	52 65 61	ds	"RealSimGear-GFC500"	
	6c 53 69			
	6d 47 65 ...			
code:0013fe	45 4e 43	ds	"ENC_ALT_UP"	
	5f 41 4c			
	54 5f 55 ...			
code:001403.1	45 4e 43	ds	"ENC_ALT_DN"	
	5f 41 4c			
	54 5f 44 ...			

code:001409	52 65 61	ds	"RealSimGear-GCU"
	6c 53 69		
	6d 47 65 ...		
code:001411	52 65 61	ds	"RealSimGear-GCU479"
	6c 53 69		
	6d 47 65 ...		
code:00141a.1	42	??	42h B
code:00141b	54	??	54h T
code:00141b.1	4e	??	4Eh N
code:00141c	5f	??	5Fh -
code:00141c.1	4d	??	4Dh M
code:00141d	49	??	49h I
code:00141d.1	43	??	43h C
code:00141e	32	??	32h 2
code:00141e.1	00	??	00h
code:00141f	42	??	42h B
code:00141f.1	54	??	54h T
code:001420	4e	??	4Eh N
code:001420.1	5f	??	5Fh -
code:001421	44	??	44h D
code:001421.1	4d	??	4Dh M
code:001422	45	??	45h E
code:001422.1	00	??	00h
code:001423	42	??	42h B
code:001423.1	54	??	54h T
code:001424	4e	??	4Eh N
code:001424.1	5f	??	5Fh -
code:001425	4d	??	4Dh M
code:001425.1	49	??	49h I
code:001426	43	??	43h C
code:001426.1	31	??	31h 1
code:001427	00	??	00h
code:001427.1	42	??	42h B
code:001428	54	??	54h T
code:001428.1	4e	??	4Eh N
code:001429	5f	??	5Fh -
code:001429.1	41	??	41h A
code:00142a	44	??	44h D
code:00142a.1	46	??	46h F
code:00142b	00	??	00h
code:00142b.1	42	??	42h B
code:00142c	54	??	54h T
code:00142c.1	4e	??	4Eh N
code:00142d	5f	??	5Fh -
code:00142d.1	4e	??	4Eh N
code:00142e	41	??	41h A
code:00142e.1	56	??	56h V
code:00142f	31	??	31h 1
code:00142f.1	00	??	00h
code:001430	42	??	42h B
code:001430.1	54	??	54h T
code:001431	4e	??	4Eh N
code:001431.1	5f	??	5Fh -
code:001432	4e	??	4Eh N
code:001432.1	41	??	41h A
code:001433	56	??	56h V
code:001433.1	32	??	32h 2
code:001434	00	??	00h
code:001434.1	42	??	42h B
code:001435	54	??	54h T
code:001435.1	4e	??	4Eh N
code:001436	5f	??	5Fh -
code:001436.1	4d	??	4Dh M
code:001437	4b	??	4Bh K
code:001437.1	52	??	52h R
code:001438	00	??	00h
code:001438.1	42	??	42h B
code:001439	54	??	54h T
code:001439.1	4e	??	4Eh N
code:00143a	5f	??	5Fh -
code:00143a.1	43	??	43h C
code:00143b	4f	??	4Fh O
code:00143b.1	4d	??	4Dh M
code:00143c	31	??	31h 1
code:00143c.1	00	??	00h
code:00143d	42	??	42h B
code:00143d.1	54	??	54h T
code:00143e	4e	??	4Eh N
code:00143e.1	5f	??	5Fh -
code:00143f	43	??	43h C
code:00143f.1	4f	??	4Fh O
code:001440	4d	??	4Dh M
code:001440.1	32	??	32h 2
code:001441	00	??	00h
code:001441.1	42 54 4e	ds	"BIN_REVERSION"
	5f 52 45		
	56 45 52 ...		
code:001448.1	42	??	42h B
code:001449	54	??	54h T

code:001449.1 4e	??	4Eh	N
code:00144a 5f	??	5Fh	—
code:00144a.1 43	??	43h	C
code:00144b 4c	??	4Ch	L
code:00144b.1 52	??	52h	R
code:00144c 00	??	00h	
code:00144c.1 42	??	42h	B
code:00144d 54	??	54h	T
code:00144d.1 4e	??	4Eh	N
code:00144e 5f	??	5Fh	—
code:00144e.1 46	??	46h	F
code:00144f 50	??	50h	P
code:00144f.1 4c	??	4Ch	L
code:001450 00	??	00h	
code:001450.1 42 54 4e	ds	"BTN_DIRECT"	
5f 44 49			
52 45 43 ...			
code:001456 42 54 4e	ds	"BIN_ENT"	
5f 45 4e			
54 00			
code:00145a 42 54 4e	ds	"BTN_PROC"	
5f 50 52			
4f 43 00			
code:00145e.1 42 54 4e	ds	"BTN_MENU"	
5f 4d 45			
4e 55 00			
code:001463 42 54 4e	ds	"BTN_ALT_SEL"	
5f 41 4c			
54 5f 53 ...			
code:001469 42 54 4e	ds	"BTN_COM_FF"	
5f 43 4f			
4d 5f 46 ...			
code:00146e.1 42 54 4e	ds	"BTN_NAV_FF"	
5f 4e 41			
56 5f 46 ...			
code:001474 42	??	42h	B
code:001474.1 54	??	54h	T
code:001475 4e	??	4Eh	N
code:001475.1 5f	??	5Fh	—
code:001476 48	??	48h	H
code:001476.1 44	??	44h	D
code:001477 47	??	47h	G
code:001477.1 5f	??	5Fh	—
code:001478 53	??	53h	S
code:001478.1 59	??	59h	Y
code:001479 4e	??	4Eh	N
code:001479.1 43	??	43h	C
code:00147a 00	??	00h	
code:00147a.1 42 54 4e	ds	"BTN_NAV_VOL"	
5f 4e 41			
56 5f 56 ...			
code:001480.1 42 54 4e	ds	"BTN_COM_VOL"	
5f 43 4f			
4d 5f 56 ...			
code:001486.1 42 54 4e	ds	"BIN_SOFT_10"	
5f 53 4f			
46 54 5f ...			
code:00148c.1 42	??	42h	B
code:00148d 54	??	54h	T
code:00148d.1 4e	??	4Eh	N
code:00148e 5f	??	5Fh	—
code:00148e.1 53	??	53h	S
code:00148f 4f	??	4Fh	O
code:00148f.1 46	??	46h	F
code:001490 54	??	54h	T
code:001490.1 5f	??	5Fh	—
code:001491 39	??	39h	9
code:001491.1 00	??	00h	
code:001492 42	??	42h	B
code:001492.1 54	??	54h	T
code:001493 4e	??	4Eh	N
code:001493.1 5f	??	5Fh	—
code:001494 53	??	53h	S
code:001494.1 4f	??	4Fh	O
code:001495 46	??	46h	F
code:001495.1 54	??	54h	T
code:001496 5f	??	5Fh	—
code:001496.1 38	??	38h	8
code:001497 00	??	00h	
code:001497.1 42	??	42h	B
code:001498 54	??	54h	T
code:001498.1 4e	??	4Eh	N
code:001499 5f	??	5Fh	—
code:001499.1 53	??	53h	S
code:00149a 4f	??	4Fh	O
code:00149a.1 46	??	46h	F
code:00149b 54	??	54h	T
code:00149b.1 5f	??	5Fh	—
code:00149c 37	??	37h	7

code:00149c.1	00	??	00h	
code:00149d	42	??	42h	B
code:00149d.1	54	??	54h	T
code:00149e	4e	??	4Eh	N
code:00149e.1	5f	??	5Fh	—
code:00149f	53	??	53h	S
code:00149f.1	4f	??	4Fh	O
code:0014a0	46	??	46h	F
code:0014a0.1	54	??	54h	T
code:0014a1	5f	??	5Fh	—
code:0014a1.1	36	??	36h	6
code:0014a2	00	??	00h	
code:0014a2.1	42	??	42h	B
code:0014a3	54	??	54h	T
code:0014a3.1	4e	??	4Eh	N
code:0014a4	5f	??	5Fh	—
code:0014a4.1	53	??	53h	S
code:0014a5	4f	??	4Fh	O
code:0014a5.1	46	??	46h	F
code:0014a6	54	??	54h	T
code:0014a6.1	5f	??	5Fh	—
code:0014a7	35	??	35h	5
code:0014a7.1	00	??	00h	
code:0014a8	42 54 4e	ds	"BTN_SOFT_11"	
	5f 53 4f			
	46 54 5f ...			
code:0014ae	42 54 4e	ds	"BTN_SOFT_12"	
	5f 53 4f			
	46 54 5f ...			
code:0014b4	42 54 4e	ds	"BTN_NAV_TOG"	
	5f 4e 41			
	56 5f 54 ...			
code:0014ba	42	??	42h	B
code:0014ba.1	54	??	54h	T
code:0014bb	4e	??	4Eh	N
code:0014bb.1	5f	??	5Fh	—
code:0014bc	50	??	50h	P
code:0014bc.1	41	??	41h	A
code:0014bd	4e	??	4Eh	N
code:0014bd.1	5f	??	5Fh	—
code:0014be	44	??	44h	D
code:0014be.1	4e	??	4Eh	N
code:0014bf	00	??	00h	
code:0014bf.1	42 54 4e	ds	"BTN_PAN_RIGHT"	
	5f 50 41			
	4e 5f 52 ...			
code:0014c6.1	42 54 4e	ds	"BTN_PAN_UP"	
	5f 50 41			
	4e 5f 55 ...			
code:0014cc	42 54 4e	ds	"BTN_PAN_LEFT"	
	5f 50 41			
	4e 5f 4c ...			
code:0014d2.1	42 54 4e	ds	"BTN_PAN_SYNC"	
	5f 50 41			
	4e 5f 53 ...			
code:0014d9	42 54 4e	ds	"BTN_COM_TOG"	
	5f 43 4f			
	4d 5f 54 ...			
code:0014df	42	??	42h	B
code:0014df.1	54	??	54h	T
code:0014e0	4e	??	4Eh	N
code:0014e0.1	5f	??	5Fh	—
code:0014e1	46	??	46h	F
code:0014e1.1	4d	??	4Dh	M
code:0014e2	53	??	53h	S
code:0014e2.1	00	??	00h	
code:0014e3	42 54 4e	ds	"BTN_CRS_SYNC"	
	5f 43 52			
	53 5f 53 ...			
code:0014e9.1	42	??	42h	B
code:0014ea	54	??	54h	T
code:0014ea.1	4e	??	4Eh	N
code:0014eb	5f	??	5Fh	—
code:0014eb.1	41	??	41h	A
code:0014ec	50	??	50h	P
code:0014ec.1	00	??	00h	
code:0014ed	42	??	42h	B
code:0014ed.1	54	??	54h	T
code:0014ee	4e	??	4Eh	N
code:0014ee.1	5f	??	5Fh	—
code:0014ef	46	??	46h	F
code:0014ef.1	44	??	44h	D
code:0014f0	00	??	00h	
code:0014f0.1	42	??	42h	B
code:0014f1	54	??	54h	T
code:0014f1.1	4e	??	4Eh	N
code:0014f2	5f	??	5Fh	—
code:0014f2.1	48	??	48h	H
code:0014f3	44	??	44h	D

code:0014f3.1 47	??	47h	G
code:0014f4 00	??	00h	
code:0014f4.1 42	??	42h	B
code:0014f5 54	??	54h	T
code:0014f5.1 4e	??	4Eh	N
code:0014f6 5f	??	5Fh	_
code:0014f6.1 41	??	41h	A
code:0014f7 4c	??	4Ch	L
code:0014f7.1 54	??	54h	T
code:0014f8 00	??	00h	
code:0014f8.1 42	??	42h	B
code:0014f9 54	??	54h	T
code:0014f9.1 4e	??	4Eh	N
code:0014fa 5f	??	5Fh	_
code:0014fa.1 4e	??	4Eh	N
code:0014fb 41	??	41h	A
code:0014fb.1 56	??	56h	V
code:0014fc 00	??	00h	
code:0014fc.1 42	??	42h	B
code:0014fd 54	??	54h	T
code:0014fd.1 4e	??	4Eh	N
code:0014fe 5f	??	5Fh	_
code:0014fe.1 56	??	56h	V
code:0014ff 4e	??	4Eh	N
code:0014ff.1 41	??	41h	A
code:001500 56	??	56h	V
code:001500.1 00	??	00h	
code:001501 42	??	42h	B
code:001501.1 54	??	54h	T
code:001502 4e	??	4Eh	N
code:001502.1 5f	??	5Fh	_
code:001503 41	??	41h	A
code:001503.1 50	??	50h	P
code:001504 52	??	52h	R
code:001504.1 00	??	00h	
code:001505 42	??	42h	B
code:001505.1 54	??	54h	T
code:001506 4e	??	4Eh	N
code:001506.1 5f	??	5Fh	_
code:001507 42	??	42h	B
code:001507.1 43	??	43h	C
code:001508 00	??	00h	
code:001508.1 42	??	42h	B
code:001509 54	??	54h	T
code:001509.1 4e	??	4Eh	N
code:00150a 5f	??	5Fh	_
code:00150a.1 56	??	56h	V
code:00150b 53	??	53h	S
code:00150b.1 00	??	00h	
code:00150c 42 54 4e	ds		"BTN_NOSE_UP"
code:00150c 5f 4e 4f			
code:00150c 53 45 5f ...			
code:001512 42	??	42h	B
code:001512.1 54	??	54h	T
code:001513 4e	??	4Eh	N
code:001513.1 5f	??	5Fh	_
code:001514 46	??	46h	F
code:001514.1 4c	??	4Ch	L
code:001515 43	??	43h	C
code:001515.1 00	??	00h	
code:001516 42 54 4e	ds		"BTN_NOSE_DN"
code:001516 5f 4e 4f			
code:001516 53 45 5f ...			
code:00151c 42 54 4e	ds		"BTN_SOFT_1"
code:00151c 5f 53 4f			
code:00151c 46 54 5f ...			
code:001521.1 42 54 4e	ds		"BTN_SOFT_2"
code:001521.1 5f 53 4f			
code:001521.1 46 54 5f ...			
code:001527 42 54 4e	ds		"BTN_SOFT_3"
code:001527 5f 53 4f			
code:001527 46 54 5f ...			
code:00152c.1 42	??	42h	B
code:00152d 54	??	54h	T
code:00152d.1 4e	??	4Eh	N
code:00152e 5f	??	5Fh	_
code:00152e.1 53	??	53h	S
code:00152f 4f	??	4Fh	O
code:00152f.1 46	??	46h	F
code:001530 54	??	54h	T
code:001530.1 5f	??	5Fh	_
code:001531 34	??	34h	4
code:001531.1 00	??	00h	

.....

```
//  
// regalias  
// mem:0000-mem:001f  
//
```

```
assume R1 = <UNKNOWN>  
  ↗ R1R0  
  ↗ R0  
  ↗ R7R6R5R4R3R2R1R0  
mem:0000      ??      ??  
  
  ↗ R1  
mem:0001      ??      ??  
  
  ↗ R2  
  ↗ R3R2  
mem:0002      ??      ??  
  
  ↗ R3  
mem:0003      ??      ??  
  
  ↗ R4  
  ↗ R5R4  
mem:0004      ??      ??  
  
  ↗ R5  
mem:0005      ??      ??  
  
  ↗ R6  
  ↗ R7R6  
mem:0006      ??      ??  
  
  ↗ R7  
mem:0007      ??      ??  
  
  ↗ R9R8  
  ↗ R8  
  ↗ R15R14R13R12R11R10R9R8  
mem:0008      ??      ??  
  
  ↗ R9  
mem:0009      ??      ??  
  
  ↗ R10  
  ↗ R11R10  
mem:000a      ??      ??  
  
  ↗ R11  
mem:000b      ??      ??  
  
  ↗ R12  
  ↗ R13R12  
mem:000c      ??      ??  
  
  ↗ R13  
mem:000d      ??      ??  
  
  ↗ R14  
  ↗ R15R14  
mem:000e      ??      ??  
  
  ↗ R15  
mem:000f      ??      ??  
  
  ↗ R16  
  ↗ R17R16  
mem:0010      ??      ??  
  
  ↗ R17  
mem:0011      ??      ??  
  
  ↗ R19R18  
  ↗ R18  
  ↗ R25R24R23R22R21R20R19R18  
mem:0012      ??      ??  
  
  ↗ R19  
mem:0013      ??      ??  
  
  ↗ R20  
  ↗ R21R20  
mem:0014      ??      ??  
  
  ↗ R21  
mem:0015      ??      ??
```