

;fw_119_7_mit_bootloader.hex

; PIC-Assembler-Listing by sprut 2002..2011

; 14-bit-core

; D:\DOWNLOAD FIREFOX\fw_119_7_mit_bootloader.hex

; Adr. Code Marke Mnemonic

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                                ORG      0x0000
                                START
0000 300F      MOVLW  0x0F
0001 008A      MOVWF  PCLATH
0002 2F0C      GOTO   M070C

                                ORG      0x0004
                                INT
0004 00F2      MOVWF  0x72
0005 0E03      SWAPF STATUS,w
0006 0183      CLRF   STATUS
0007 00F5      MOVWF  0x75
0008 080A      MOVF   PCLATH,w
0009 00F4      MOVWF  0x74
000A 018A      CLRF   PCLATH
000B 0804      MOVF   FSR,w
000C 00F3      MOVWF  0x73
                                M000D
000D 1283      BCF    STATUS,RP0
000E 1303      BCF    STATUS,RP1
000F 1E8C      BTFSS 0x0C,5
0010 2827      GOTO   M0027
0011 081A      MOVF   0x1A,w
0012 1C98      BTFSS 0x18,1
0013 2818      GOTO   M0018
```

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; 14-bit-core

; PIC-Assembler-Listing by sprut 2002..2011

; 14-bit-core

; D:\DOWNLOAD FIREFOX\119_7_von_def_PIC_gelesen.hex

; Adr. Code Marke Mnemonic

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                                START
0000 3FFF      MOVWI  -1[FSR1]
0001 3FFF      MOVWI  -1[FSR1]
0002 3FFF      MOVWI  -1[FSR1]
0003 3FFF      MOVWI  -1[FSR1]
0004 3FFF      MOVWI  -1[FSR1]
0005 3FFF      MOVWI  -1[FSR1]
0006 3FFF      MOVWI  -1[FSR1]
0007 3FFF      MOVWI  -1[FSR1]
0008 3FFF      MOVWI  -1[FSR1]
0009 3FFF      MOVWI  -1[FSR1]
000A 3FFF      MOVWI  -1[FSR1]
000B 3FFF      MOVWI  -1[FSR1]
000C 3FFF      MOVWI  -1[FSR1]
                                M000D
000D 3FFF      MOVWI  -1[FSR1]
000E 3FFF      MOVWI  -1[FSR1]
000F 3FFF      MOVWI  -1[FSR1]
0010 2827      GOTO   M0027
0011 081A      MOVF   0x1A,w
0012 1C98      BTFSS 0x18,1
0013 2818      GOTO   M0018
0014 081A      MOVF   0x1A,w
0015 1218      BCF    0x18,4
0016 1618      BSF    0x18,4
0017 280D      GOTO   M000D
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0031 1683	BSF	STATUS,RP0		0037 3000	MOVLW	0x00	
0032 1303	BCF	STATUS,RP1		0038 008D	MOVWF	0x0D	
0033 3027	MOVLW	0x27	; ""	0039 300B	MOVLW	0x0B	
0034 0081	MOVWF	0x01	; TMR0/OPTI	003A 0085	MOVWF	0x05	; PORTA/TRISA
0035 3000	MOVLW	0x00		003B 3000	MOVLW	0x00	
0036 008C	MOVWF	0x0C		003C 0086	MOVWF	0x06	; PORTB/TRISB
0037 3000	MOVLW	0x00		003D 30B0	MOVLW	0xB0	
0038 008D	MOVWF	0x0D		003E 0087	MOVWF	0x07	; PORTC/TRISC
0039 300B	MOVLW	0x0B		003F 3004	MOVLW	0x04	
003A 0085	MOVWF	0x05	; PORTA/TRIS	0040 3FFF	MOVWI	-1[FSR1]	
003B 3000	MOVLW	0x00		0041 3FFF	MOVWI	-1[FSR1]	
003C 0086	MOVWF	0x06	; PORTB/TRIS	0042 3FFF	MOVWI	-1[FSR1]	
003D 30B0	MOVLW	0xB0		0043 3FFF	MOVWI	-1[FSR1]	
003E 0087	MOVWF	0x07	; PORTC/TRIS	0044 3FFF	MOVWI	-1[FSR1]	
003F 3004	MOVLW	0x04		0045 3FFF	MOVWI	-1[FSR1]	
0040 009F	MOVWF	0x1F		0046 3FFF	MOVWI	-1[FSR1]	
0041 1283	BCF	STATUS,RP0		0047 3FFF	MOVWI	-1[FSR1]	
0042 1303	BCF	STATUS,RP1		0048 3FFF	MOVWI	-1[FSR1]	
0043 3000	MOVLW	0x00		0049 3FFF	MOVWI	-1[FSR1]	
0044 0085	MOVWF	0x05	; PORTA/TRIS	004A 3FFF	MOVWI	-1[FSR1]	
0045 3000	MOVLW	0x00		004B 3FFF	MOVWI	-1[FSR1]	
0046 0086	MOVWF	0x06	; PORTB/TRIS	004C 3FFF	MOVWI	-1[FSR1]	
0047 3000	MOVLW	0x00		004D 3FFF	MOVWI	-1[FSR1]	
0048 0087	MOVWF	0x07	; PORTC/TRIS	004E 3FFF	MOVWI	-1[FSR1]	
0049 30C0	MOVLW	0xC0		004F 3FFF	MOVWI	-1[FSR1]	
004A 008B	MOVWF	INTCON		0050 3020	MOVLW	0x20	; ''
004B 3000	MOVLW	0x00		0051 0084	MOVWF	FSR	
004C 0090	MOVWF	0x10				M0052	
004D 018C	CLRF	0x0C		0052 0180	CLRF	INDF	
004E 0197	CLRF	0x17		0053 0A84	INCF	FSR,f	
004F 019D	CLRF	0x1D		0054 306D	MOVLW	0x6D	; 'm'
0050 3020	MOVLW	0x20	; ''	0055 0204	SUBWF	FSR,w	
0051 0084	MOVWF	FSR		0056 1C03	BTFSS	STATUS,C	
		M0052		0057 2852	GOTO	M0052	
0052 0180	CLRF	INDF		0058 23C7	CALL	M03C7	
0053 0A84	INCF	FSR,f		0059 2429	CALL	M0429	

0054 306D	MOVLW	0x6D	; 'm'	005A 2104	CALL	M0104
0055 0204	SUBWF	FSR,w		005B 1683	BSF	STATUS,RP0
0056 1C03	BTFSS	STATUS,C		005C 1303	BCF	STATUS,RP1
0057 2852	GOTO	M0052		005D 30A2	MOVLW	0xA2
0058 23C7	CALL	M03C7		005E 00A1	MOVWF	0x21
0059 2429	CALL	M0429		005F 00A0	MOVWF	0x20
005A 2104	CALL	M0104		0060 3FFF	MOVWI	-1[FSR1]
005B 1683	BSF	STATUS,RP0		0061 3FFF	MOVWI	-1[FSR1]
005C 1303	BCF	STATUS,RP1		0062 3FFF	MOVWI	-1[FSR1]
005D 30A2	MOVLW	0xA2		0063 3FFF	MOVWI	-1[FSR1]
005E 00A1	MOVWF	0x21		0064 3FFF	MOVWI	-1[FSR1]
005F 00A0	MOVWF	0x20		0065 3FFF	MOVWI	-1[FSR1]
0060 168C	BSF	0x0C,5		0066 3FFF	MOVWI	-1[FSR1]
0061 1283	BCF	STATUS,RP0		0067 3FFF	MOVWI	-1[FSR1]
0062 1303	BCF	STATUS,RP1		0068 3FFF	MOVWI	-1[FSR1]
0063 1407	BSF	0x07,0	; PORTC/TRISB	0069 3FFF	MOVWI	-1[FSR1]
0064 3028	MOVLW	0x28	; '('	006A 3FFF	MOVWI	-1[FSR1]
0065 00A5	MOVWF	0x25		006B 3FFF	MOVWI	-1[FSR1]
0066 305C	MOVLW	0x5C	; '\'	006C 3FFF	MOVWI	-1[FSR1]
0067 00A6	MOVWF	0x26		006D 3FFF	MOVWI	-1[FSR1]
0068 308F	MOVLW	0x8F				M006E
0069 00A7	MOVWF	0x27		006E 3FFF	MOVWI	-1[FSR1]
006A 3002	MOVLW	0x02		006F 3FFF	MOVWI	-1[FSR1]
006B 00A8	MOVWF	0x28		0070 286E	GOTO	M006E
006C 2133	CALL	M0133				
006D 2157	CALL	M0157		0071 00A8	MOVWF	0x28
		M006E		0072 1BA8	BTFSC	0x28,7
006E 2175	CALL	M0175		0073 28BE	GOTO	M00BE
006F 1C03	BTFSS	STATUS,C				M0074
0070 286E	GOTO	M006E		0074 2175	CALL	M0175
0071 00A8	MOVWF	0x28		0075 1C03	BTFSS	STATUS,C
0072 1BA8	BTFSC	0x28,7		0076 2874	GOTO	M0074
0073 28BE	GOTO	M00BE		0077 00A7	MOVWF	0x27
		M0074				M0078
0074 2175	CALL	M0175		0078 2175	CALL	M0175
0075 1C03	BTFSS	STATUS,C		0079 1C03	BTFSS	STATUS,C

0076 2874	GOTO	M0074		007A 2878	GOTO	M0078
0077 00A7	MOVWF	0x27		007B 00A6	MOVWF	0x26
		M0078				M007C
0078 2175	CALL	M0175		007C 2175	CALL	M0175
0079 1C03	BTFSS	STATUS,C		007D 1C03	BTFSS	STATUS,C
007A 2878	GOTO	M0078		007E 287C	GOTO	M007C
007B 00A6	MOVWF	0x26		007F 00A5	MOVWF	0x25
		M007C		0080 3FFF	MOVWI	-1[FSR1]
007C 2175	CALL	M0175		0081 3FFF	MOVWI	-1[FSR1]
007D 1C03	BTFSS	STATUS,C		0082 3FFF	MOVWI	-1[FSR1]
007E 287C	GOTO	M007C		0083 3FFF	MOVWI	-1[FSR1]
007F 00A5	MOVWF	0x25		0084 3FFF	MOVWI	-1[FSR1]
0080 2157	CALL	M0157		0085 3FFF	MOVWI	-1[FSR1]
		M0081		0086 3FFF	MOVWI	-1[FSR1]
0081 2175	CALL	M0175		0087 3FFF	MOVWI	-1[FSR1]
0082 1C03	BTFSS	STATUS,C		0088 3FFF	MOVWI	-1[FSR1]
0083 2881	GOTO	M0081		0089 3FFF	MOVWI	-1[FSR1]
0084 00A0	MOVWF	0x20		008A 3FFF	MOVWI	-1[FSR1]
0085 3970	ANDLW	0x70	; 'p'	008B 3FFF	MOVWI	-1[FSR1]
0086 00A1	MOVWF	0x21		008C 3FFF	MOVWI	-1[FSR1]
0087 0C21	RRF	0x21,w		008D 3FFF	MOVWI	-1[FSR1]
0088 3938	ANDLW	0x38	; '8'	008E 3FFF	MOVWI	-1[FSR1]
0089 0086	MOVWF	0x06	; PORTB/TRISB	008F 3FFF	MOVWI	-1[FSR1]
008A 0820	MOVF	0x20,w		0090 28A2	GOTO	M00A2
008B 3907	ANDLW	0x07				
008C 0782	ADDWF	PCL,f		0091 28A6	GOTO	M00A6
008D 2896	GOTO	M0096				
				0092 28AC	GOTO	M00AC
008E 289A	GOTO	M009A				
				0093 28B2	GOTO	M00B2
008F 289E	GOTO	M009E				
				0094 28B8	GOTO	M00B8
0090 28A2	GOTO	M00A2				
				0095 286E	GOTO	M006E
0091 28A6	GOTO	M00A6				
				0096 30C9	MOVLW	0xC9

0092 28AC	GOTO	M00AC	0097 2120	CALL	M0120
0093 28B2	GOTO	M00B2	0098 211B	CALL	M011B
0094 28B8	GOTO	M00B8	0099 286E	GOTO	M006E
0095 286E	GOTO	M006E	009A 30C1	MOVLW	0xC1
			009B 2120	CALL	M0120
			009C 211B	CALL	M011B
			009D 286E	GOTO	M006E
		M0096	009E 30D1	MOVLW	0xD1
0096 30C9	MOVLW	0xC9	009F 2120	CALL	M0120
0097 2120	CALL	M0120	00A0 3FFF	MOVWI	-1[FSR1]
0098 211B	CALL	M011B	00A1 3FFF	MOVWI	-1[FSR1]
0099 286E	GOTO	M006E		M00A2	
			00A2 3FFF	MOVWI	-1[FSR1]
		M009A	00A3 3FFF	MOVWI	-1[FSR1]
009A 30C1	MOVLW	0xC1	00A4 3FFF	MOVWI	-1[FSR1]
009B 2120	CALL	M0120	00A5 3FFF	MOVWI	-1[FSR1]
009C 211B	CALL	M011B		M00A6	
009D 286E	GOTO	M006E	00A6 3FFF	MOVWI	-1[FSR1]
			00A7 3FFF	MOVWI	-1[FSR1]
		M009E	00A8 3FFF	MOVWI	-1[FSR1]
009E 30D1	MOVLW	0xD1	00A9 3FFF	MOVWI	-1[FSR1]
009F 2120	CALL	M0120	00AA 3FFF	MOVWI	-1[FSR1]
00A0 211B	CALL	M011B	00AB 3FFF	MOVWI	-1[FSR1]
00A1 286E	GOTO	M006E		M00AC	
			00AC 3FFF	MOVWI	-1[FSR1]
		M00A2	00AD 3FFF	MOVWI	-1[FSR1]
00A2 30D9	MOVLW	0xD9	00AE 3FFF	MOVWI	-1[FSR1]
00A3 2120	CALL	M0120	00AF 3FFF	MOVWI	-1[FSR1]
00A4 211B	CALL	M011B	00B0 211B	CALL	M011B
00A5 286E	GOTO	M006E	00B1 286E	GOTO	M006E
				M00B2	
		M00A6	00B2 30D1	MOVLW	0xD1
00A6 30C9	MOVLW	0xC9	00B3 2120	CALL	M0120
00A7 2120	CALL	M0120			
00A8 211B	CALL	M011B			

00A9 0824	MOVF	0x24,w	00B4 211B	CALL	M011B
00AA 211B	CALL	M011B	00B5 0824	MOVF	0x24,w
00AB 286E	GOTO	M006E	00B6 211B	CALL	M011B
			00B7 286E	GOTO	M006E
	M00AC			M00B8	
00AC 30C1	MOVLW	0xC1	00B8 30D9	MOVLW	0xD9
00AD 2120	CALL	M0120	00B9 2120	CALL	M0120
00AE 211B	CALL	M011B	00BA 211B	CALL	M011B
00AF 0824	MOVF	0x24,w	00BB 0824	MOVF	0x24,w
00B0 211B	CALL	M011B	00BC 211B	CALL	M011B
00B1 286E	GOTO	M006E	00BD 286E	GOTO	M006E
	M00B2			M00BE	
00B2 30D1	MOVLW	0xD1	00BE 0828	MOVF	0x28,w
00B3 2120	CALL	M0120	00BF 390F	ANDLW	0x0F
00B4 211B	CALL	M011B	00C0 3FFF	MOVWI	-1[FSR1]
00B5 0824	MOVF	0x24,w	00C1 3FFF	MOVWI	-1[FSR1]
00B6 211B	CALL	M011B	00C2 3FFF	MOVWI	-1[FSR1]
00B7 286E	GOTO	M006E	00C3 3FFF	MOVWI	-1[FSR1]
	M00B8		00C4 3FFF	MOVWI	-1[FSR1]
00B8 30D9	MOVLW	0xD9	00C5 3FFF	MOVWI	-1[FSR1]
00B9 2120	CALL	M0120	00C6 3FFF	MOVWI	-1[FSR1]
00BA 211B	CALL	M011B	00C7 3FFF	MOVWI	-1[FSR1]
00BB 0824	MOVF	0x24,w	00C8 3FFF	MOVWI	-1[FSR1]
00BC 211B	CALL	M011B	00C9 3FFF	MOVWI	-1[FSR1]
00BD 286E	GOTO	M006E	00CA 3FFF	MOVWI	-1[FSR1]
	M00BE		00CB 3FFF	MOVWI	-1[FSR1]
00BE 0828	MOVF	0x28,w	00CC 3FFF	MOVWI	-1[FSR1]
00BF 390F	ANDLW	0x0F	00CD 3FFF	MOVWI	-1[FSR1]
00C0 0782	ADDWF	PCL,f	00CE 3FFF	MOVWI	-1[FSR1]
00C1 28D2	GOTO	M00D2	00CF 3FFF	MOVWI	-1[FSR1]
			00D0 298F	GOTO	M018F
00C2 28D3	GOTO	M00D3	00D1 286E	GOTO	M006E

	M00D4			M00F0	
00D4 28B2	GOTO	M00B2		00F0 2175	CALL M0175
				00F1 1C03	BTFSS STATUS,C
	M00D5			00F2 28F0	GOTO M00F0
00D5 28B8	GOTO	M00B8		00F3 00A8	MOVWF 0x28
				M00F4	
	M00D6			00F4 2175	CALL M0175
00D6 3061	MOVLW	0x61	; 'a'	00F5 1C03	BTFSS STATUS,C
00D7 2120	CALL	M0120		00F6 28F4	GOTO M00F4
00D8 211B	CALL	M011B		00F7 00A7	MOVWF 0x27
00D9 0824	MOVF	0x24,w		M00F8	
00DA 211B	CALL	M011B		00F8 2175	CALL M0175
00DB 286E	GOTO	M006E		00F9 1C03	BTFSS STATUS,C
				00FA 28F8	GOTO M00F8
	M00DC			00FB 00A6	MOVWF 0x26
00DC 2175	CALL	M0175		M00FC	
00DD 1C03	BTFSS	STATUS,C		00FC 2175	CALL M0175
00DE 28DC	GOTO	M00DC		00FD 1C03	BTFSS STATUS,C
00DF 00A7	MOVWF	0x27		00FE 28FC	GOTO M00FC
	M00E0			00FF 00A5	MOVWF 0x25
00E0 2175	CALL	M0175		0100 3FFF	MOVWI -1[FSR1]
00E1 1C03	BTFSS	STATUS,C		0101 3FFF	MOVWI -1[FSR1]
00E2 28E0	GOTO	M00E0		0102 3FFF	MOVWI -1[FSR1]
00E3 00A6	MOVWF	0x26		0103 3FFF	MOVWI -1[FSR1]
	M00E4			M0104	
00E4 2175	CALL	M0175		0104 3FFF	MOVWI -1[FSR1]
00E5 1C03	BTFSS	STATUS,C		0105 3FFF	MOVWI -1[FSR1]
00E6 28E4	GOTO	M00E4		0106 3FFF	MOVWI -1[FSR1]
00E7 00A5	MOVWF	0x25		0107 3FFF	MOVWI -1[FSR1]
00E8 2174	CALL	M0174		0108 3FFF	MOVWI -1[FSR1]
00E9 286E	GOTO	M006E		0109 3FFF	MOVWI -1[FSR1]
				010A 3FFF	MOVWI -1[FSR1]
	M00EA			010B 3FFF	MOVWI -1[FSR1]
00EA 2175	CALL	M0175		010C 3FFF	MOVWI -1[FSR1]
00EB 1C03	BTFSS	STATUS,C		010D 3FFF	MOVWI -1[FSR1]
00EC 28EA	GOTO	M00EA		010E 3FFF	MOVWI -1[FSR1]

00ED 0086	MOVWF 0x06		; PORTB/TRIS	010F 3FFF	MOVWI	-1[FSR1]	
00EE 211B	CALL M011B			0110 1618	BSF	0x18,4	
00EF 286E	GOTO M006E			0111 1798	BSF	0x18,7	
				0112 1207	BCF	0x07,4	; PORTC/TRISC
	M00F0			0113 0008	RETURN		
00F0 2175	CALL M0175						
00F1 1C03	BTFSS STATUS,C			0114 1207	BCF	0x07,4	; PORTC/TRISC
00F2 28F0	GOTO M00F0				M0115		
00F3 00A8	MOVWF 0x28			0115 1E8C	BTFSS	0x0C,5	
	M00F4			0116 2915	GOTO	M0115	
00F4 2175	CALL M0175			0117 081A	MOVF	0x1A,w	
00F5 1C03	BTFSS STATUS,C			0118 0008	RETURN		
00F6 28F4	GOTO M00F4						
00F7 00A7	MOVWF 0x27				M0119		
	M00F8			0119 1A87	BTFSC	0x07,5	; PORTC/TRISC
00F8 2175	CALL M0175			011A 2919	GOTO	M0119	
00F9 1C03	BTFSS STATUS,C				M011B		
00FA 28F8	GOTO M00F8			011B 1E0C	BTFSS	0x0C,4	
00FB 00A6	MOVWF 0x26			011C 291B	GOTO	M011B	
	M00FC			011D 0099	MOVWF	0x19	
00FC 2175	CALL M0175			011E 0008	RETURN		
00FD 1C03	BTFSS STATUS,C						
00FE 28FC	GOTO M00FC			011F 30C1	MOVLW	0xC1	
00FF 00A5	MOVWF 0x25				M0120		
0100 2157	CALL M0157			0120 3FFF	MOVWI	-1[FSR1]	
0101 30AA	MOVLW 0xAA			0121 3FFF	MOVWI	-1[FSR1]	
0102 211B	CALL M011B			0122 3FFF	MOVWI	-1[FSR1]	
0103 286E	GOTO M006E			0123 3FFF	MOVWI	-1[FSR1]	
				0124 3FFF	MOVWI	-1[FSR1]	
	M0104			0125 3FFF	MOVWI	-1[FSR1]	
0104 1283	BCF STATUS,RP0			0126 3FFF	MOVWI	-1[FSR1]	
0105 1303	BCF STATUS,RP1			0127 3FFF	MOVWI	-1[FSR1]	
0106 1607	BSF 0x07,4		; PORTC/TRIS	0128 3FFF	MOVWI	-1[FSR1]	
0107 1683	BSF STATUS,RP0			0129 3FFF	MOVWI	-1[FSR1]	
0108 1303	BCF STATUS,RP1			012A 3FFF	MOVWI	-1[FSR1]	
0109 1207	BCF 0x07,4		; PORTC/TRIS	012B 3FFF	MOVWI	-1[FSR1]	

010A 3014	MOVLW	0x14		012C 3FFF	MOVWI	-1[FSR1]	
010B 0099	MOVWF	0x19		012D 3FFF	MOVWI	-1[FSR1]	
010C 1518	BSF	0x18,2		012E 3FFF	MOVWI	-1[FSR1]	
010D 1698	BSF	0x18,5		012F 3FFF	MOVWI	-1[FSR1]	
010E 1283	BCF	STATUS,RP0			M0130		
010F 1303	BCF	STATUS,RP1		0130 0BA0	DECFSZ	0x20,f	
0110 1618	BSF	0x18,4		0131 2930	GOTO	M0130	
0111 1798	BSF	0x18,7		0132 0008	RETURN		
0112 1207	BCF	0x07,4	; PORTC/TRISC				
0113 0008	RETURN			0133 3028	MOVLW	0x28	; '('
				0134 00A5	MOVWF	0x25	
0114 1207	BCF	0x07,4	; PORTC/TRISC	0135 305C	MOVLW	0x5C	; '\'
	M0115			0136 00A6	MOVWF	0x26	
0115 1E8C	BTFSS	0x0C,5		0137 308F	MOVLW	0x8F	
0116 2915	GOTO	M0115		0138 00A7	MOVWF	0x27	
0117 081A	MOVF	0x1A,w		0139 3002	MOVLW	0x02	
0118 0008	RETURN			013A 00A8	MOVWF	0x28	
				013B 1487	BSF	0x07,1	; PORTC/TRISC
	M0119			013C 0000	NOP		
0119 1A87	BTFSC	0x07,5	; PORTC/TRISC	013D 0000	NOP		
011A 2919	GOTO	M0119		013E 0000	NOP		
	M011B			013F 0000	NOP		
011B 1E0C	BTFSS	0x0C,4		0140 3FFF	MOVWI	-1[FSR1]	
011C 291B	GOTO	M011B		0141 3FFF	MOVWI	-1[FSR1]	
011D 0099	MOVWF	0x19		0142 3FFF	MOVWI	-1[FSR1]	
011E 0008	RETURN			0143 3FFF	MOVWI	-1[FSR1]	
				0144 3FFF	MOVWI	-1[FSR1]	
011F 30C1	MOVLW	0xC1		0145 3FFF	MOVWI	-1[FSR1]	
	M0120			0146 3FFF	MOVWI	-1[FSR1]	
0120 009F	MOVWF	0x1F		0147 3FFF	MOVWI	-1[FSR1]	
0121 212E	CALL	M012E		0148 3FFF	MOVWI	-1[FSR1]	
0122 151F	BSF	0x1F,2		0149 3FFF	MOVWI	-1[FSR1]	
	M0123			014A 3FFF	MOVWI	-1[FSR1]	
0123 191F	BTFSC	0x1F,2		014B 3FFF	MOVWI	-1[FSR1]	
0124 2923	GOTO	M0123		014C 3FFF	MOVWI	-1[FSR1]	
0125 1683	BSF	STATUS,RP0		014D 3FFF	MOVWI	-1[FSR1]	

0145 0000	NOP			016E 3FFF	MOVWI	-1[FSR1]	
0146 0000	NOP			016F 3FFF	MOVWI	-1[FSR1]	
0147 0000	NOP			0170 1187	BCF	0x07,3	; PORTC/TRISC
0148 1587	BSF	0x07,3	; PORTC/TRISC	0171 0BAD	DECFSZ	0x2D,f	
0149 0000	NOP			0172 2969	GOTO	M0169	
014A 0000	NOP			0173 0008	RETURN		
014B 1187	BCF	0x07,3	; PORTC/TRISC	0174 0008	RETURN		
014C 0000	NOP						
014D 0000	NOP						
014E 1507	BSF	0x07,2	; PORTC/TRISC		M0175		
014F 0000	NOP			0175 1683	BSF	STATUS,RP0	
0150 0000	NOP			0176 1303	BCF	STATUS,RP1	
0151 1107	BCF	0x07,2	; PORTC/TRISC	0177 0821	MOVF	0x21,w	
0152 0000	NOP			0178 0220	SUBWF	0x20,w	
0153 0000	NOP			0179 1283	BCF	STATUS,RP0	
0154 2157	CALL	M0157		017A 1303	BCF	STATUS,RP1	
0155 2157	CALL	M0157		017B 1D03	BTFSS	STATUS,Z	
0156 0008	RETURN			017C 297F	GOTO	M017F	
				017D 1003	BCF	STATUS,C	
				017E 0008	RETURN		
	M0157						
0157 3025	MOVLW	0x25	; '%'				
0158 0084	MOVWF	FSR			M017F		
0159 3004	MOVLW	0x04		017F 1683	BSF	STATUS,RP0	
015A 00AC	MOVWF	0x2C		0180 3FFF	MOVWI	-1[FSR1]	
	M015B			0181 3FFF	MOVWI	-1[FSR1]	
015B 0800	MOVF	INDF,w		0182 3FFF	MOVWI	-1[FSR1]	
015C 00AE	MOVWF	0x2E		0183 3FFF	MOVWI	-1[FSR1]	
015D 2167	CALL	M0167		0184 3FFF	MOVWI	-1[FSR1]	
015E 0A84	INCF	FSR,f		0185 3FFF	MOVWI	-1[FSR1]	
015F 0BAC	DECFSZ	0x2C,f		0186 3FFF	MOVWI	-1[FSR1]	
0160 295B	GOTO	M015B		0187 3FFF	MOVWI	-1[FSR1]	
0161 01AE	CLRF	0x2E		0188 3FFF	MOVWI	-1[FSR1]	
0162 142E	BSF	0x2E,0		0189 3FFF	MOVWI	-1[FSR1]	
0163 2167	CALL	M0167		018A 3FFF	MOVWI	-1[FSR1]	
0164 1507	BSF	0x07,2	; PORTC/TRISC	018B 3FFF	MOVWI	-1[FSR1]	
0165 1107	BCF	0x07,2	; PORTC/TRISC	018C 3FFF	MOVWI	-1[FSR1]	

0166 0008	RETURN			018D 3FFF	MOVWI	-1[FSR1]	
				018E 3FFF	MOVWI	-1[FSR1]	
	M0167				M018F		
0167 3008	MOVLW	0x08		018F 3FFF	MOVWI	-1[FSR1]	
0168 00AD	MOVWF	0x2D			M0190		
	M0169			0190 2175	CALL	M0175	
0169 0CAE	RRF	0x2E,f		0191 1C03	BTFSS	STATUS,C	
016A 1C03	BTFSS	STATUS,C		0192 2990	GOTO	M0190	
016B 296E	GOTO	M016E		0193 00E8	MOVWF	0x68	
016C 1407	BSF	0x07,0	; PORTC/TRI:	0194 3060	MOVLW	0x60	; ''
016D 296F	GOTO	M016F		0195 0268	SUBWF	0x68,w	
				0196 1803	BTFSC	STATUS,C	
	M016E			0197 2214	CALL	M0214	
016E 1007	BCF	0x07,0	; PORTC/TRI:	0198 304F	MOVLW	0x4F	; 'O'
	M016F			0199 0084	MOVWF	FSR	
016F 1587	BSF	0x07,3	; PORTC/TRI:	019A 084E	MOVF	0x4E,w	
0170 1187	BCF	0x07,3	; PORTC/TRI:	019B 0784	ADDWF	FSR,f	
0171 0BAD	DECFSZ	0x2D,f		019C 0868	MOVF	0x68,w	
0172 2969	GOTO	M0169		019D 0080	MOVWF	INDF	
0173 0008	RETURN			019E 0ACE	INCF	0x4E,f	
				019F 084F	MOVF	0x4F,w	
	M0174			01A0 3FFF	MOVWI	-1[FSR1]	
0174 0008	RETURN			01A1 3FFF	MOVWI	-1[FSR1]	
				01A2 3FFF	MOVWI	-1[FSR1]	
	M0175			01A3 3FFF	MOVWI	-1[FSR1]	
0175 1683	BSF	STATUS,RP0		01A4 3FFF	MOVWI	-1[FSR1]	
0176 1303	BCF	STATUS,RP1		01A5 3FFF	MOVWI	-1[FSR1]	
0177 0821	MOVF	0x21,w		01A6 3FFF	MOVWI	-1[FSR1]	
0178 0220	SUBWF	0x20,w		01A7 3FFF	MOVWI	-1[FSR1]	
0179 1283	BCF	STATUS,RP0		01A8 3FFF	MOVWI	-1[FSR1]	
017A 1303	BCF	STATUS,RP1		01A9 3FFF	MOVWI	-1[FSR1]	
017B 1D03	BTFSS	STATUS,Z		01AA 3FFF	MOVWI	-1[FSR1]	
017C 297F	GOTO	M017F		01AB 3FFF	MOVWI	-1[FSR1]	
017D 1003	BCF	STATUS,C		01AC 3FFF	MOVWI	-1[FSR1]	
017E 0008	RETURN			01AD 3FFF	MOVWI	-1[FSR1]	
				01AE 3FFF	MOVWI	-1[FSR1]	

	M017F			01AF 3FFF	MOVWI	-1[FSR1]	
017F 1683	BSF	STATUS,RP0		01B0 1D03	BTFSS	STATUS,Z	
0180 1303	BCF	STATUS,RP1		01B1 29B4	GOTO	M01B4	
0181 0AA0	INCF	0x20,f		01B2 2377	CALL	M0377	
0182 30E3	MOVLW	0xE3		01B3 2A12	GOTO	M0212	
0183 0220	SUBWF	0x20,w					
0184 1D03	BTFSS	STATUS,Z					
0185 2988	GOTO	M0188					
0186 30A2	MOVLW	0xA2		01B4 084F	MOVF	0x4F,w	
0187 00A0	MOVWF	0x20		01B5 3A78	XORLW	0x78	; 'x'
	M0188			01B6 1D03	BTFSS	STATUS,Z	
0188 0820	MOVF	0x20,w		01B7 29BF	GOTO	M01BF	
0189 0084	MOVWF	FSR		01B8 084E	MOVF	0x4E,w	
018A 0800	MOVF	INDF,w		01B9 3A16	XORLW	0x16	
018B 1283	BCF	STATUS,RP0		01BA 1D03	BTFSS	STATUS,Z	
018C 1303	BCF	STATUS,RP1		01BB 29BF	GOTO	M01BF	
018D 1403	BSF	STATUS,C		01BC 102B	BCF	0x2B,0	
018E 0008	RETURN			01BD 230E	CALL	M030E	
				01BE 2A12	GOTO	M0212	
	M018F						
018F 2214	CALL	M0214					
	M0190						
0190 2175	CALL	M0175		01BF 084F	MOVF	0x4F,w	
0191 1C03	BTFSS	STATUS,C		01C0 3FFF	MOVWI	-1[FSR1]	
0192 2990	GOTO	M0190		01C1 3FFF	MOVWI	-1[FSR1]	
0193 00E8	MOVWF	0x68		01C2 3FFF	MOVWI	-1[FSR1]	
0194 3060	MOVLW	0x60	; ''	01C3 3FFF	MOVWI	-1[FSR1]	
0195 0268	SUBWF	0x68,w		01C4 3FFF	MOVWI	-1[FSR1]	
0196 1803	BTFSC	STATUS,C		01C5 3FFF	MOVWI	-1[FSR1]	
0197 2214	CALL	M0214		01C6 3FFF	MOVWI	-1[FSR1]	
0198 304F	MOVLW	0x4F	; 'O'	01C7 3FFF	MOVWI	-1[FSR1]	
0199 0084	MOVWF	FSR		01C8 3FFF	MOVWI	-1[FSR1]	
019A 084E	MOVF	0x4E,w		01C9 3FFF	MOVWI	-1[FSR1]	
019B 0784	ADDWF	FSR,f		01CA 3FFF	MOVWI	-1[FSR1]	
019C 0868	MOVF	0x68,w		01CB 3FFF	MOVWI	-1[FSR1]	
019D 0080	MOVWF	INDF		01CC 3FFF	MOVWI	-1[FSR1]	
				01CD 3FFF	MOVWI	-1[FSR1]	
				01CE 3FFF	MOVWI	-1[FSR1]	

019E 0ACE	INCF	0x4E,f		01CF 3FFF	MOVWI	-1[FSR1]	
019F 084F	MOVF	0x4F,w		01D0 29D3	GOTO	M01D3	
01A0 3A77	XORLW	0x77	; 'w'				
01A1 1D03	BTFSS	STATUS,Z		01D1 2387	CALL	M0387	
01A2 29AA	GOTO	M01AA		01D2 2A12	GOTO	M0212	
01A3 084E	MOVF	0x4E,w					
01A4 3A16	XORLW	0x16			M01D3		
01A5 1D03	BTFSS	STATUS,Z		01D3 084F	MOVF	0x4F,w	
01A6 29AA	GOTO	M01AA		01D4 3A76	XORLW	0x76	; 'v'
01A7 142B	BSF	0x2B,0		01D5 1D03	BTFSS	STATUS,Z	
01A8 230E	CALL	M030E		01D6 29DD	GOTO	M01DD	
01A9 2A12	GOTO	M0212		01D7 084E	MOVF	0x4E,w	
				01D8 3A01	XORLW	0x01	
	M01AA			01D9 1D03	BTFSS	STATUS,Z	
01AA 084F	MOVF	0x4F,w		01DA 29DD	GOTO	M01DD	
01AB 3A66	XORLW	0x66	; 'f'	01DB 23C3	CALL	M03C3	
01AC 1D03	BTFSS	STATUS,Z		01DC 2A12	GOTO	M0212	
01AD 29B4	GOTO	M01B4					
01AE 084E	MOVF	0x4E,w			M01DD		
01AF 3A0A	XORLW	0x0A		01DD 084F	MOVF	0x4F,w	
01B0 1D03	BTFSS	STATUS,Z		01DE 3A72	XORLW	0x72	; 'r'
01B1 29B4	GOTO	M01B4		01DF 1D03	BTFSS	STATUS,Z	
01B2 2377	CALL	M0377		01E0 3FFF	MOVWI	-1[FSR1]	
01B3 2A12	GOTO	M0212		01E1 3FFF	MOVWI	-1[FSR1]	
				01E2 3FFF	MOVWI	-1[FSR1]	
	M01B4			01E3 3FFF	MOVWI	-1[FSR1]	
01B4 084F	MOVF	0x4F,w		01E4 3FFF	MOVWI	-1[FSR1]	
01B5 3A78	XORLW	0x78	; 'x'	01E5 3FFF	MOVWI	-1[FSR1]	
01B6 1D03	BTFSS	STATUS,Z		01E6 3FFF	MOVWI	-1[FSR1]	
01B7 29BF	GOTO	M01BF		01E7 3FFF	MOVWI	-1[FSR1]	
01B8 084E	MOVF	0x4E,w		01E8 3FFF	MOVWI	-1[FSR1]	
01B9 3A16	XORLW	0x16		01E9 3FFF	MOVWI	-1[FSR1]	
01BA 1D03	BTFSS	STATUS,Z		01EA 3FFF	MOVWI	-1[FSR1]	
01BB 29BF	GOTO	M01BF		01EB 3FFF	MOVWI	-1[FSR1]	
01BC 102B	BCF	0x2B,0		01EC 3FFF	MOVWI	-1[FSR1]	
01BD 230E	CALL	M030E		01ED 3FFF	MOVWI	-1[FSR1]	

01DC 2A12	GOTO	M0212		020F 3FFF	MOVWI	-1[FSR1]
				0210 2A12	GOTO	M0212
		M01DD				
01DD 084F	MOVF	0x4F,w		0211 2990	GOTO	M0190
01DE 3A72	XORLW	0x72	; 'r'			
01DF 1D03	BTFSS	STATUS,Z			M0212	
01E0 29E7	GOTO	M01E7		0212 2214	CALL	M0214
01E1 084E	MOVF	0x4E,w		0213 286E	GOTO	M006E
01E2 3A02	XORLW	0x02				
01E3 1D03	BTFSS	STATUS,Z			M0214	
01E4 29E7	GOTO	M01E7		0214 229E	CALL	M029E
01E5 23C8	CALL	M03C8		0215 0008	RETURN	
01E6 2A12	GOTO	M0212				
		M01E7		0216 01D2	CLRF	0x52
				0217 01D3	CLRF	0x53
01E7 084F	MOVF	0x4F,w		0218 01D4	CLRF	0x54
01E8 3A61	XORLW	0x61	; 'a'	0219 01D5	CLRF	0x55
01E9 1D03	BTFSS	STATUS,Z		021A 01D6	CLRF	0x56
01EA 29F2	GOTO	M01F2		021B 01D7	CLRF	0x57
01EB 084E	MOVF	0x4E,w		021C 01CE	CLRF	0x4E
01EC 3A19	XORLW	0x19		021D 01CF	CLRF	0x4F
01ED 1D03	BTFSS	STATUS,Z		021E 01D0	CLRF	0x50
01EE 29F2	GOTO	M01F2		021F 01D1	CLRF	0x51
01EF 102B	BCF	0x2B,0		0220 3FFF	MOVWI	-1[FSR1]
01F0 230C	CALL	M030C			M0221	
01F1 2A12	GOTO	M0212		0221 3FFF	MOVWI	-1[FSR1]
		M01F2		0222 3FFF	MOVWI	-1[FSR1]
				0223 3FFF	MOVWI	-1[FSR1]
01F2 084F	MOVF	0x4F,w		0224 3FFF	MOVWI	-1[FSR1]
01F3 3A62	XORLW	0x62	; 'b'	0225 3FFF	MOVWI	-1[FSR1]
01F4 1D03	BTFSS	STATUS,Z		0226 3FFF	MOVWI	-1[FSR1]
01F5 29FD	GOTO	M01FD		0227 3FFF	MOVWI	-1[FSR1]
01F6 084E	MOVF	0x4E,w		0228 3FFF	MOVWI	-1[FSR1]
01F7 3A19	XORLW	0x19		0229 3FFF	MOVWI	-1[FSR1]
01F8 1D03	BTFSS	STATUS,Z		022A 3FFF	MOVWI	-1[FSR1]
01F9 29FD	GOTO	M01FD		022B 3FFF	MOVWI	-1[FSR1]

01FA 142B	BSF	0x2B,0		022C 3FFF	MOVWI	-1[FSR1]	
01FB 230C	CALL	M030C		022D 3FFF	MOVWI	-1[FSR1]	
01FC 2A12	GOTO	M0212		022E 3FFF	MOVWI	-1[FSR1]	
				022F 3FFF	MOVWI	-1[FSR1]	
	M01FD			0230 0800	MOVF	INDF,w	
01FD 084F	MOVF	0x4F,w		0231 00D2	MOVWF	0x52	
01FE 3A73	XORLW	0x73	; 's'	0232 3028	MOVLW	0x28	; '('
01FF 1D03	BTFSS	STATUS,Z		0233 00AC	MOVWF	0x2C	
0200 2A07	GOTO	M0207		0234 1003	BCF	STATUS,C	
0201 084E	MOVF	0x4E,w		0235 0CD2	RRF	0x52,f	
0202 3A01	XORLW	0x01		0236 0CD1	RRF	0x51,f	
0203 1D03	BTFSS	STATUS,Z		0237 0CD0	RRF	0x50,f	
0204 2A07	GOTO	M0207		0238 0CCF	RRF	0x4F,f	
0205 23B3	CALL	M03B3		0239 0CCE	RRF	0x4E,f	
0206 2A12	GOTO	M0212		023A 0CD7	RRF	0x57,f	
				023B 0CD6	RRF	0x56,f	
	M0207			023C 0CD5	RRF	0x55,f	
0207 084F	MOVF	0x4F,w		023D 0CD4	RRF	0x54,f	
0208 3A6F	XORLW	0x6F	; 'o'	023E 0CD3	RRF	0x53,f	
0209 1D03	BTFSS	STATUS,Z		023F 304E	MOVLW	0x4E	; 'N'
020A 2A11	GOTO	M0211		0240 3FFF	MOVWI	-1[FSR1]	
020B 084E	MOVF	0x4E,w		0241 3FFF	MOVWI	-1[FSR1]	
020C 3A02	XORLW	0x02		0242 3FFF	MOVWI	-1[FSR1]	
020D 1D03	BTFSS	STATUS,Z		0243 3FFF	MOVWI	-1[FSR1]	
020E 2A11	GOTO	M0211		0244 3FFF	MOVWI	-1[FSR1]	
020F 23C6	CALL	M03C6		0245 3FFF	MOVWI	-1[FSR1]	
0210 2A12	GOTO	M0212		0246 3FFF	MOVWI	-1[FSR1]	
				0247 3FFF	MOVWI	-1[FSR1]	
	M0211			0248 3FFF	MOVWI	-1[FSR1]	
0211 2990	GOTO	M0190		0249 3FFF	MOVWI	-1[FSR1]	
				024A 3FFF	MOVWI	-1[FSR1]	
	M0212			024B 3FFF	MOVWI	-1[FSR1]	
0212 2214	CALL	M0214		024C 3FFF	MOVWI	-1[FSR1]	
0213 286E	GOTO	M006E		024D 3FFF	MOVWI	-1[FSR1]	
				024E 3FFF	MOVWI	-1[FSR1]	
	M0214			024F 3FFF	MOVWI	-1[FSR1]	

0214 229E	CALL	M029E	0250 0848	MOVF	0x48,w
0215 0008	RETURN		0251 0084	MOVWF	FSR
			0252 0853	MOVF	0x53,w
	M0216		0253 0080	MOVWF	INDF
0216 01D2	CLRF	0x52	0254 0A84	INCF	FSR,f
0217 01D3	CLRF	0x53	0255 0854	MOVF	0x54,w
0218 01D4	CLRF	0x54	0256 0080	MOVWF	INDF
0219 01D5	CLRF	0x55	0257 0A84	INCF	FSR,f
021A 01D6	CLRF	0x56	0258 0855	MOVF	0x55,w
021B 01D7	CLRF	0x57	0259 0080	MOVWF	INDF
021C 01CE	CLRF	0x4E	025A 0A84	INCF	FSR,f
021D 01CF	CLRF	0x4F	025B 0856	MOVF	0x56,w
021E 01D0	CLRF	0x50	025C 0080	MOVWF	INDF
021F 01D1	CLRF	0x51	025D 0A84	INCF	FSR,f
0220 0008	RETURN		025E 0857	MOVF	0x57,w
			025F 0080	MOVWF	INDF
	M0221		0260 3FFF	MOVWI	-1[FSR1]
0221 2216	CALL	M0216	0261 3FFF	MOVWI	-1[FSR1]
0222 0848	MOVF	0x48,w	0262 3FFF	MOVWI	-1[FSR1]
0223 0084	MOVWF	FSR	0263 3FFF	MOVWI	-1[FSR1]
0224 0800	MOVF	INDF,w	0264 3FFF	MOVWI	-1[FSR1]
0225 00CE	MOVWF	0x4E	0265 3FFF	MOVWI	-1[FSR1]
0226 0A84	INCF	FSR,f	0266 3FFF	MOVWI	-1[FSR1]
0227 0800	MOVF	INDF,w	0267 3FFF	MOVWI	-1[FSR1]
0228 00CF	MOVWF	0x4F	0268 3FFF	MOVWI	-1[FSR1]
0229 0A84	INCF	FSR,f	0269 3FFF	MOVWI	-1[FSR1]
022A 0800	MOVF	INDF,w	026A 3FFF	MOVWI	-1[FSR1]
022B 00D0	MOVWF	0x50	026B 3FFF	MOVWI	-1[FSR1]
022C 0A84	INCF	FSR,f	026C 3FFF	MOVWI	-1[FSR1]
022D 0800	MOVF	INDF,w		M026D	
022E 00D1	MOVWF	0x51	026D 3FFF	MOVWI	-1[FSR1]
022F 0A84	INCF	FSR,f	026E 3FFF	MOVWI	-1[FSR1]
0230 0800	MOVF	INDF,w	026F 3FFF	MOVWI	-1[FSR1]
0231 00D2	MOVWF	0x52	0270 00C9	MOVWF	0x49
0232 3028	MOVLW	0x28	0271 01CF	CLRF	0x4F
0233 00AC	MOVWF	0x2C	0272 1003	BCF	STATUS,C

; '('

	M0234			0273 0CD5 RRF	0x55,f
0234 1003	BCF	STATUS,C		0274 0CD4 RRF	0x54,f
0235 0CD2	RRF	0x52,f		0275 0CD3 RRF	0x53,f
0236 0CD1	RRF	0x51,f		0276 0CD2 RRF	0x52,f
0237 0CD0	RRF	0x50,f		0277 1C03 BTFSS	STATUS,C
0238 0CCF	RRF	0x4F,f		0278 2A92 GOTO	M0292
0239 0CCE	RRF	0x4E,f		0279 3008 MOVLW	0x08
023A 0CD7	RRF	0x57,f		027A 00D0 MOVWF	0x50
023B 0CD6	RRF	0x56,f			M027B
023C 0CD5	RRF	0x55,f		027B 0848 MOVF	0x48,w
023D 0CD4	RRF	0x54,f		027C 0084 MOVWF	FSR
023E 0CD3	RRF	0x53,f		027D 0800 MOVF	INDF,w
023F 304E	MOVLW	0x4E	; 'N'	027E 00CE MOVWF	0x4E
0240 0084	MOVWF	FSR		027F 0849 MOVF	0x49,w
0241 3005	MOVLW	0x05		0280 3FFF MOVWI	-1[FSR1]
0242 00AD	MOVWF	0x2D		0281 3FFF MOVWI	-1[FSR1]
	M0243			0282 3FFF MOVWI	-1[FSR1]
0243 1F80	BTFSS	INDF,7		0283 3FFF MOVWI	-1[FSR1]
0244 2A47	GOTO	M0247		0284 3FFF MOVWI	-1[FSR1]
0245 3030	MOVLW	0x30	; '0'	0285 3FFF MOVWI	-1[FSR1]
0246 0280	SUBWF	INDF,f		0286 3FFF MOVWI	-1[FSR1]
	M0247			0287 3FFF MOVWI	-1[FSR1]
0247 1D80	BTFSS	INDF,3		0288 3FFF MOVWI	-1[FSR1]
0248 2A4B	GOTO	M024B		0289 3FFF MOVWI	-1[FSR1]
0249 3003	MOVLW	0x03		028A 3FFF MOVWI	-1[FSR1]
024A 0280	SUBWF	INDF,f		028B 3FFF MOVWI	-1[FSR1]
	M024B			028C 3FFF MOVWI	-1[FSR1]
024B 0A84	INCF	FSR,f		028D 3FFF MOVWI	-1[FSR1]
024C 0BAD	DECFSZ	0x2D,f		028E 3FFF MOVWI	-1[FSR1]
024D 2A43	GOTO	M0243		028F 3FFF MOVWI	-1[FSR1]
024E 0BAC	DECFSZ	0x2C,f		0290 0BD0 DECFSZ	0x50,f
024F 2A34	GOTO	M0234		0291 2A7B GOTO	M027B
0250 0848	MOVF	0x48,w			M0292
0251 0084	MOVWF	FSR		0292 1003 BCF	STATUS,C
0252 0853	MOVF	0x53,w		0293 0DD8 RLF	0x58,f
0253 0080	MOVWF	INDF		0294 0DD9 RLF	0x59,f

0275 0CD3	RRF	0x53,f	02B6 04B6	IORWF	0x36,f
0276 0CD2	RRF	0x52,f	02B7 0E55	SWAPF	0x55,w
0277 1C03	BTFSS	STATUS,C	02B8 39F0	ANDLW	0xF0
0278 2A92	GOTO	M0292	02B9 00B5	MOVWF	0x35
0279 3008	MOVLW	0x08	02BA 0856	MOVF	0x56,w
027A 00D0	MOVWF	0x50	02BB 390F	ANDLW	0x0F
	M027B		02BC 04B5	IORWF	0x35,f
027B 0848	MOVF	0x48,w	02BD 0E57	SWAPF	0x57,w
027C 0084	MOVWF	FSR	02BE 39F0	ANDLW	0xF0
027D 0800	MOVF	INDF,w	02BF 00B4	MOVWF	0x34
027E 00CE	MOVWF	0x4E	02C0 3FFF	MOVWI	-1[FSR1]
027F 0849	MOVF	0x49,w	02C1 3FFF	MOVWI	-1[FSR1]
0280 0084	MOVWF	FSR	02C2 3FFF	MOVWI	-1[FSR1]
0281 084F	MOVF	0x4F,w	02C3 3FFF	MOVWI	-1[FSR1]
0282 01CF	CLRF	0x4F		M02C4	
0283 0780	ADDWF	INDF,f	02C4 3FFF	MOVWI	-1[FSR1]
0284 1C03	BTFSS	STATUS,C	02C5 3FFF	MOVWI	-1[FSR1]
0285 2A88	GOTO	M0288	02C6 3FFF	MOVWI	-1[FSR1]
0286 3001	MOVLW	0x01	02C7 3FFF	MOVWI	-1[FSR1]
0287 00CF	MOVWF	0x4F	02C8 3FFF	MOVWI	-1[FSR1]
	M0288		02C9 3FFF	MOVWI	-1[FSR1]
0288 084E	MOVF	0x4E,w	02CA 3FFF	MOVWI	-1[FSR1]
0289 0780	ADDWF	INDF,f	02CB 3FFF	MOVWI	-1[FSR1]
028A 1C03	BTFSS	STATUS,C	02CC 3FFF	MOVWI	-1[FSR1]
028B 2A8E	GOTO	M028E	02CD 3FFF	MOVWI	-1[FSR1]
028C 3001	MOVLW	0x01	02CE 3FFF	MOVWI	-1[FSR1]
028D 00CF	MOVWF	0x4F	02CF 3FFF	MOVWI	-1[FSR1]
	M028E		02D0 04BB	IORWF	0x3B,f
028E 0AC8	INCF	0x48,f	02D1 0E5D	SWAPF	0x5D,w
028F 0AC9	INCF	0x49,f	02D2 39F0	ANDLW	0xF0
0290 0BD0	DECFSZ	0x50,f	02D3 00BA	MOVWF	0x3A
0291 2A7B	GOTO	M027B	02D4 085E	MOVF	0x5E,w
	M0292		02D5 390F	ANDLW	0x0F
0292 1003	BCF	STATUS,C	02D6 04BA	IORWF	0x3A,f
0293 0DD8	RLF	0x58,f	02D7 0E5F	SWAPF	0x5F,w
0294 0DD9	RLF	0x59,f	02D8 39F0	ANDLW	0xF0

0295 0DDA	RLF	0x5A,f		02D9 00B9	MOVWF	0x39
0296 0ddb	RLF	0x5B,f		02DA 0860	MOVF	0x60,w
0297 0DDC	RLF	0x5C,f		02DB 390F	ANDLW	0x0F
0298 0DDD	RLF	0x5D,f		02DC 04B9	IORWF	0x39,f
0299 0DDE	RLF	0x5E,f		02DD 0008	RETURN	
029A 0DDF	RLF	0x5F,f				
029B 0BD6	DECFSZ	0x56,f			M02DE	
029C 2A6D	GOTO	M026D		02DE 01C0	CLRF	0x40
029D 0008	RETURN			02DF 01C1	CLRF	0x41
				02E0 3FFF	MOVWI	-1[FSR1]
	M029E			02E1 3FFF	MOVWI	-1[FSR1]
029E 304E	MOVLW	0x4E	; 'N'	02E2 3FFF	MOVWI	-1[FSR1]
029F 0084	MOVWF	FSR		02E3 3FFF	MOVWI	-1[FSR1]
	M02A0			02E4 3FFF	MOVWI	-1[FSR1]
02A0 0180	CLRF	INDF		02E5 3FFF	MOVWI	-1[FSR1]
02A1 3067	MOVLW	0x67	; 'g'	02E6 3FFF	MOVWI	-1[FSR1]
02A2 0204	SUBWF	FSR,w		02E7 3FFF	MOVWI	-1[FSR1]
02A3 1903	BTFSC	STATUS,Z		02E8 3FFF	MOVWI	-1[FSR1]
02A4 2AA7	GOTO	M02A7		02E9 3FFF	MOVWI	-1[FSR1]
02A5 0A84	INCF	FSR,f		02EA 3FFF	MOVWI	-1[FSR1]
02A6 2AA0	GOTO	M02A0		02EB 3FFF	MOVWI	-1[FSR1]
				02EC 3FFF	MOVWI	-1[FSR1]
	M02A7			02ED 3FFF	MOVWI	-1[FSR1]
02A7 0008	RETURN			02EE 3FFF	MOVWI	-1[FSR1]
				02EF 3FFF	MOVWI	-1[FSR1]
	M02A8			02F0 01C6	CLRF	0x46
02A8 0850	MOVF	0x50,w		02F1 01C7	CLRF	0x47
02A9 390F	ANDLW	0x0F		02F2 0865	MOVF	0x65,w
02AA 00B8	MOVWF	0x38		02F3 390F	ANDLW	0x0F
02AB 0E51	SWAPF	0x51,w		02F4 04C4	IORWF	0x44,f
02AC 39F0	ANDLW	0xF0		02F5 0E66	SWAPF	0x66,w
02AD 00B7	MOVWF	0x37		02F6 39F0	ANDLW	0xF0
02AE 0852	MOVF	0x52,w		02F7 00C3	MOVWF	0x43
02AF 390F	ANDLW	0x0F		02F8 0867	MOVF	0x67,w
02B0 04B7	IORWF	0x37,f		02F9 390F	ANDLW	0x0F
02B1 0E53	SWAPF	0x53,w		02FA 04C3	IORWF	0x43,f

02B2 39F0	ANDLW	0xF0	02FB 0008	RETURN	
02B3 00B6	MOVWF	0x36			
02B4 0854	MOVF	0x54,w		M02FC	
02B5 390F	ANDLW	0x0F	02FC 0843	MOVF	0x43,w
02B6 04B6	IORWF	0x36,f	02FD 00EB	MOVWF	0x6B
02B7 0E55	SWAPF	0x55,w	02FE 0844	MOVF	0x44,w
02B8 39F0	ANDLW	0xF0	02FF 00EC	MOVWF	0x6C
02B9 00B5	MOVWF	0x35	0300 3FFF	MOVWI	-1[FSR1]
02BA 0856	MOVF	0x56,w	0301 3FFF	MOVWI	-1[FSR1]
02BB 390F	ANDLW	0x0F	0302 3FFF	MOVWI	-1[FSR1]
02BC 04B5	IORWF	0x35,f	0303 3FFF	MOVWI	-1[FSR1]
02BD 0E57	SWAPF	0x57,w	0304 3FFF	MOVWI	-1[FSR1]
02BE 39F0	ANDLW	0xF0	0305 3FFF	MOVWI	-1[FSR1]
02BF 00B4	MOVWF	0x34	0306 3FFF	MOVWI	-1[FSR1]
02C0 0858	MOVF	0x58,w	0307 3FFF	MOVWI	-1[FSR1]
02C1 390F	ANDLW	0x0F	0308 3FFF	MOVWI	-1[FSR1]
02C2 04B4	IORWF	0x34,f	0309 3FFF	MOVWI	-1[FSR1]
02C3 0008	RETURN		030A 3FFF	MOVWI	-1[FSR1]
			030B 3FFF	MOVWI	-1[FSR1]
	M02C4			M030C	
02C4 01BD	CLRF	0x3D	030C 3FFF	MOVWI	-1[FSR1]
02C5 0E59	SWAPF	0x59,w	030D 3FFF	MOVWI	-1[FSR1]
02C6 39F0	ANDLW	0xF0		M030E	
02C7 00BC	MOVWF	0x3C	030E 3FFF	MOVWI	-1[FSR1]
02C8 085A	MOVF	0x5A,w	030F 3FFF	MOVWI	-1[FSR1]
02C9 390F	ANDLW	0x0F	0310 1683	BSF	STATUS,RP0
02CA 04BC	IORWF	0x3C,f	0311 1303	BCF	STATUS,RP1
02CB 0E5B	SWAPF	0x5B,w	0312 3084	MOVLW	0x84
02CC 39F0	ANDLW	0xF0	0313 009F	MOVWF	0x1F
02CD 00BB	MOVWF	0x3B	0314 1283	BCF	STATUS,RP0
02CE 085C	MOVF	0x5C,w	0315 1303	BCF	STATUS,RP1
02CF 390F	ANDLW	0x0F	0316 22A8	CALL	M02A8
02D0 04BB	IORWF	0x3B,f	0317 22C4	CALL	M02C4
02D1 0E5D	SWAPF	0x5D,w	0318 22DE	CALL	M02DE
02D2 39F0	ANDLW	0xF0	0319 3034	MOVLW	0x34
02D3 00BA	MOVWF	0x3A	031A 00C8	MOVWF	0x48

; '4'

02D4 085E	MOVF	0x5E,w	031B 2221	CALL	M0221	
02D5 390F	ANDLW	0x0F	031C 3039	MOVLW	0x39	; '9'
02D6 04BA	IORWF	0x3A,f	031D 00C8	MOVWF	0x48	
02D7 0E5F	SWAPF	0x5F,w	031E 2221	CALL	M0221	
02D8 39F0	ANDLW	0xF0	031F 303E	MOVLW	0x3E	; '>'
02D9 00B9	MOVWF	0x39	0320 3FFF	MOVWI	-1[FSR1]	
02DA 0860	MOVF	0x60,w	0321 3FFF	MOVWI	-1[FSR1]	
02DB 390F	ANDLW	0x0F	0322 3FFF	MOVWI	-1[FSR1]	
02DC 04B9	IORWF	0x39,f	0323 3FFF	MOVWI	-1[FSR1]	
02DD 0008	RETURN		0324 3FFF	MOVWI	-1[FSR1]	
			0325 3FFF	MOVWI	-1[FSR1]	
	M02DE		0326 3FFF	MOVWI	-1[FSR1]	
02DE 01C0	CLRF	0x40	0327 3FFF	MOVWI	-1[FSR1]	
02DF 01C1	CLRF	0x41	0328 3FFF	MOVWI	-1[FSR1]	
02E0 01C2	CLRF	0x42	0329 3FFF	MOVWI	-1[FSR1]	
02E1 0E61	SWAPF	0x61,w	032A 3FFF	MOVWI	-1[FSR1]	
02E2 39F0	ANDLW	0xF0	032B 3FFF	MOVWI	-1[FSR1]	
02E3 00BF	MOVWF	0x3F	032C 3FFF	MOVWI	-1[FSR1]	
02E4 0862	MOVF	0x62,w	032D 3FFF	MOVWI	-1[FSR1]	
02E5 390F	ANDLW	0x0F	032E 3FFF	MOVWI	-1[FSR1]	
02E6 04BF	IORWF	0x3F,f	032F 3FFF	MOVWI	-1[FSR1]	
02E7 0E63	SWAPF	0x63,w	0330 08C3	MOVF	0x43,f	
02E8 39F0	ANDLW	0xF0	0331 1D03	BTFSS	STATUS,Z	
02E9 00BE	MOVWF	0x3E	0332 2B37	GOTO	M0337	
02EA 0864	MOVF	0x64,w	0333 08C4	MOVF	0x44,f	
02EB 390F	ANDLW	0x0F	0334 1D03	BTFSS	STATUS,Z	
02EC 04BE	IORWF	0x3E,f	0335 2B37	GOTO	M0337	
02ED 0008	RETURN		0336 2B38	GOTO	M0338	
	M02EE			M0337		
02EE 01C4	CLRF	0x44	0337 22FC	CALL	M02FC	
02EF 01C5	CLRF	0x45		M0338		
02F0 01C6	CLRF	0x46	0338 0839	MOVF	0x39,w	
02F1 01C7	CLRF	0x47	0339 07B4	ADDWF	0x34,f	
02F2 0865	MOVF	0x65,w	033A 083A	MOVF	0x3A,w	
02F3 390F	ANDLW	0x0F	033B 1803	BTFSC	STATUS,C	

02F4 04C4	IORWF	0x44,f	033C 0F3A	INCFSZ	0x3A,w
02F5 0E66	SWAPF	0x66,w	033D 07B5	ADDWF	0x35,f
02F6 39F0	ANDLW	0xF0	033E 083B	MOVF	0x3B,w
02F7 00C3	MOVWF	0x43	033F 1803	BTFSC	STATUS,C
02F8 0867	MOVF	0x67,w	0340 3FFF	MOVWI	-1[FSR1]
02F9 390F	ANDLW	0x0F	0341 3FFF	MOVWI	-1[FSR1]
02FA 04C3	IORWF	0x43,f	0342 3FFF	MOVWI	-1[FSR1]
02FB 0008	RETURN		0343 3FFF	MOVWI	-1[FSR1]
	M02FC		0344 3FFF	MOVWI	-1[FSR1]
02FC 0843	MOVF	0x43,w	0345 3FFF	MOVWI	-1[FSR1]
02FD 00EB	MOVWF	0x6B	0346 3FFF	MOVWI	-1[FSR1]
02FE 0844	MOVF	0x44,w	0347 3FFF	MOVWI	-1[FSR1]
02FF 00EC	MOVWF	0x6C	0348 3FFF	MOVWI	-1[FSR1]
	M0300		0349 3FFF	MOVWI	-1[FSR1]
0300 300F	MOVLW	0x0F	034A 3FFF	MOVWI	-1[FSR1]
0301 00EA	MOVWF	0x6A	034B 3FFF	MOVWI	-1[FSR1]
	M0302		034C 3FFF	MOVWI	-1[FSR1]
0302 0BEA	DECFSZ	0x6A,f	034D 3FFF	MOVWI	-1[FSR1]
0303 2B02	GOTO	M0302	034E 3FFF	MOVWI	-1[FSR1]
0304 0BEB	DECFSZ	0x6B,f	034F 3FFF	MOVWI	-1[FSR1]
0305 2B00	GOTO	M0300	0350 23EA	CALL	M03EA
0306 08EC	MOVF	0x6C,f	0351 0824	MOVF	0x24,w
0307 1903	BTFSC	STATUS,Z	0352 211B	CALL	M011B
0308 2B0B	GOTO	M030B	0353 0823	MOVF	0x23,w
0309 03EC	DECF	0x6C,f	0354 211B	CALL	M011B
030A 2B00	GOTO	M0300	0355 23E8	CALL	M03E8
	M030B		0356 0824	MOVF	0x24,w
030B 0008	RETURN		0357 211B	CALL	M011B
	M030C		0358 0823	MOVF	0x23,w
030C 22EE	CALL	M02EE	0359 211B	CALL	M011B
030D 2B10	GOTO	M0310	035A 23DC	CALL	M03DC
	M030E		035B 03BE	DECF	0x3E,f
			035C 0A3E	INCF	0x3E,w
			035D 1903	BTFSC	STATUS,Z
			035E 03BF	DECF	0x3F,f
			035F 08BE	MOVF	0x3E,f

030E 01C3	CLRF	0x43		0360 3FFF	MOVWI	-1[FSR1]	
030F 01C4	CLRF	0x44		0361 3FFF	MOVWI	-1[FSR1]	
	M0310			0362 3FFF	MOVWI	-1[FSR1]	
0310 1683	BSF	STATUS,RP0		0363 3FFF	MOVWI	-1[FSR1]	
0311 1303	BCF	STATUS,RP1		0364 3FFF	MOVWI	-1[FSR1]	
0312 3084	MOVLW	0x84		0365 3FFF	MOVWI	-1[FSR1]	
0313 009F	MOVWF	0x1F		0366 3FFF	MOVWI	-1[FSR1]	
0314 1283	BCF	STATUS,RP0		0367 3FFF	MOVWI	-1[FSR1]	
0315 1303	BCF	STATUS,RP1		0368 3FFF	MOVWI	-1[FSR1]	
0316 22A8	CALL	M02A8		0369 3FFF	MOVWI	-1[FSR1]	
0317 22C4	CALL	M02C4		036A 3FFF	MOVWI	-1[FSR1]	
0318 22DE	CALL	M02DE		036B 3FFF	MOVWI	-1[FSR1]	
0319 3034	MOVLW	0x34	; '4'	036C 3FFF	MOVWI	-1[FSR1]	
031A 00C8	MOVWF	0x48		036D 3FFF	MOVWI	-1[FSR1]	
031B 2221	CALL	M0221		036E 3FFF	MOVWI	-1[FSR1]	
031C 3039	MOVLW	0x39	; '9'	036F 3FFF	MOVWI	-1[FSR1]	
031D 00C8	MOVWF	0x48		0370 211B	CALL	M011B	
031E 2221	CALL	M0221		0371 23E8	CALL	M03E8	
031F 303E	MOVLW	0x3E	; '>'	0372 0824	MOVF	0x24,w	
0320 00C8	MOVWF	0x48		0373 211B	CALL	M011B	
0321 2221	CALL	M0221		0374 0823	MOVF	0x23,w	
0322 3043	MOVLW	0x43	; 'C'	0375 211B	CALL	M011B	
0323 00C8	MOVWF	0x48		0376 0008	RETURN		
0324 2221	CALL	M0221					
0325 229E	CALL	M029E			M0377		
0326 0835	MOVF	0x35,w		0377 22A8	CALL	M02A8	
0327 00D3	MOVWF	0x53		0378 3034	MOVLW	0x34	; '4'
0328 0834	MOVF	0x34,w		0379 00C8	MOVWF	0x48	
0329 00D2	MOVWF	0x52		037A 2221	CALL	M0221	
032A 0836	MOVF	0x36,w		037B 229E	CALL	M029E	
032B 00D4	MOVWF	0x54		037C 0835	MOVF	0x35,w	
032C 0837	MOVF	0x37,w		037D 00D3	MOVWF	0x53	
032D 00D5	MOVWF	0x55		037E 0834	MOVF	0x34,w	
032E 2261	CALL	M0261		037F 00D2	MOVWF	0x52	
032F 23DC	CALL	M03DC		0380 3FFF	MOVWI	-1[FSR1]	
	M0330			0381 3FFF	MOVWI	-1[FSR1]	

0330 08C3	MOVF	0x43,f	0382 3FFF	MOVWI	-1[FSR1]
0331 1D03	BTFSS	STATUS,Z	0383 3FFF	MOVWI	-1[FSR1]
0332 2B37	GOTO	M0337	0384 3FFF	MOVWI	-1[FSR1]
0333 08C4	MOVF	0x44,f	0385 3FFF	MOVWI	-1[FSR1]
0334 1D03	BTFSS	STATUS,Z	0386 3FFF	MOVWI	-1[FSR1]
0335 2B37	GOTO	M0337		M0387	
0336 2B38	GOTO	M0338	0387 3FFF	MOVWI	-1[FSR1]
			0388 3FFF	MOVWI	-1[FSR1]
			0389 3FFF	MOVWI	-1[FSR1]
	M0337		038A 3FFF	MOVWI	-1[FSR1]
0337 22FC	CALL	M02FC	038B 3FFF	MOVWI	-1[FSR1]
			038C 3FFF	MOVWI	-1[FSR1]
	M0338		038D 3FFF	MOVWI	-1[FSR1]
0338 0839	MOVF	0x39,w	038E 3FFF	MOVWI	-1[FSR1]
0339 07B4	ADDWF	0x34,f	038F 3FFF	MOVWI	-1[FSR1]
033A 083A	MOVF	0x3A,w	0390 00B1	MOVWF	0x31
033B 1803	BTFSC	STATUS,C	0391 0EB1	SWAPF	0x31,f
033C 0F3A	INCFSZ	0x3A,w	0392 0853	MOVF	0x53,w
033D 07B5	ADDWF	0x35,f	0393 23D4	CALL	M03D4
033E 083B	MOVF	0x3B,w	0394 04B1	IORWF	0x31,f
033F 1803	BTFSC	STATUS,C	0395 0854	MOVF	0x54,w
0340 0F3B	INCFSZ	0x3B,w	0396 23D4	CALL	M03D4
0341 07B6	ADDWF	0x36,f	0397 00B0	MOVWF	0x30
0342 083C	MOVF	0x3C,w	0398 0EB0	SWAPF	0x30,f
0343 1803	BTFSC	STATUS,C	0399 0855	MOVF	0x55,w
0344 0F3C	INCFSZ	0x3C,w	039A 23D4	CALL	M03D4
0345 07B7	ADDWF	0x37,f	039B 04B0	IORWF	0x30,f
0346 229E	CALL	M029E	039C 0856	MOVF	0x56,w
0347 0835	MOVF	0x35,w	039D 23D4	CALL	M03D4
0348 00D3	MOVWF	0x53	039E 00AF	MOVWF	0x2F
0349 0834	MOVF	0x34,w	039F 0EAF	SWAPF	0x2F,f
034A 00D2	MOVWF	0x52	03A0 3FFF	MOVWI	-1[FSR1]
034B 0836	MOVF	0x36,w	03A1 3FFF	MOVWI	-1[FSR1]
034C 00D4	MOVWF	0x54	03A2 3FFF	MOVWI	-1[FSR1]
034D 0837	MOVF	0x37,w	03A3 3FFF	MOVWI	-1[FSR1]
034E 00D5	MOVWF	0x55	03A4 3FFF	MOVWI	-1[FSR1]
034F 2261	CALL	M0261			
0350 23EA	CALL	M03EA			

0351 0824	MOVF	0x24,w	03A5 3FFF	MOVWI	-1[FSR1]
0352 211B	CALL	M011B	03A6 3FFF	MOVWI	-1[FSR1]
0353 0823	MOVF	0x23,w	03A7 3FFF	MOVWI	-1[FSR1]
0354 211B	CALL	M011B	03A8 3FFF	MOVWI	-1[FSR1]
0355 23E8	CALL	M03E8	03A9 3FFF	MOVWI	-1[FSR1]
0356 0824	MOVF	0x24,w	03AA 3FFF	MOVWI	-1[FSR1]
0357 211B	CALL	M011B	03AB 3FFF	MOVWI	-1[FSR1]
0358 0823	MOVF	0x23,w	03AC 3FFF	MOVWI	-1[FSR1]
0359 211B	CALL	M011B	03AD 3FFF	MOVWI	-1[FSR1]
035A 23DC	CALL	M03DC	03AE 3FFF	MOVWI	-1[FSR1]
035B 03BE	DECF	0x3E,f	03AF 3FFF	MOVWI	-1[FSR1]
035C 0A3E	INCF	0x3E,w	03B0 04B3	IORWF	0x33,f
035D 1903	BTFSC	STATUS,Z	03B1 2436	CALL	M0436
035E 03BF	DECF	0x3F,f	03B2 2830	GOTO	M0030
035F 08BE	MOVF	0x3E,f			
0360 1D03	BTFSS	STATUS,Z	03B3 3007	MOVLW	0x07
0361 2B30	GOTO	M0330	03B4 211B	CALL	M011B
0362 08BF	MOVF	0x3F,f	03B5 0869	MOVF	0x69,w
0363 1D03	BTFSS	STATUS,Z	03B6 211B	CALL	M011B
0364 2B30	GOTO	M0330	03B7 1683	BSF	STATUS,RP0
0365 0008	RETURN		03B8 1303	BCF	STATUS,RP1
			03B9 3084	MOVLW	0x84
			03BA 009F	MOVWF	0x1F
	M0366		03BB 1283	BCF	STATUS,RP0
0366 1683	BSF	STATUS,RP0	03BC 1303	BCF	STATUS,RP1
0367 1303	BCF	STATUS,RP1	03BD 23E5	CALL	M03E5
0368 3084	MOVLW	0x84	03BE 0824	MOVF	0x24,w
0369 009F	MOVWF	0x1F	03BF 211B	CALL	M011B
036A 1283	BCF	STATUS,RP0	03C0 3FFF	MOVWI	-1[FSR1]
036B 1303	BCF	STATUS,RP1	03C1 3FFF	MOVWI	-1[FSR1]
036C 23EC	CALL	M03EC	03C2 3FFF	MOVWI	-1[FSR1]
036D 0824	MOVF	0x24,w			
036E 211B	CALL	M011B		M03C3	
036F 0823	MOVF	0x23,w	03C3 3FFF	MOVWI	-1[FSR1]
0370 211B	CALL	M011B	03C4 3FFF	MOVWI	-1[FSR1]
0371 23E8	CALL	M03E8	03C5 3FFF	MOVWI	-1[FSR1]
0372 0824	MOVF	0x24,w	03C6 3FFF	MOVWI	-1[FSR1]

03B5 0869	MOVF	0x69,w		0403 3FFF	MOVWI	-1[FSR1]	
03B6 211B	CALL	M011B		0404 3FFF	MOVWI	-1[FSR1]	
03B7 1683	BSF	STATUS,RP0		0405 3FFF	MOVWI	-1[FSR1]	
03B8 1303	BCF	STATUS,RP1		0406 3FFF	MOVWI	-1[FSR1]	
03B9 3084	MOVLW	0x84		0407 3FFF	MOVWI	-1[FSR1]	
03BA 009F	MOVWF	0x1F		0408 3FFF	MOVWI	-1[FSR1]	
03BB 1283	BCF	STATUS,RP0		0409 3FFF	MOVWI	-1[FSR1]	
03BC 1303	BCF	STATUS,RP1		040A 3FFF	MOVWI	-1[FSR1]	
03BD 23E5	CALL	M03E5		040B 3FFF	MOVWI	-1[FSR1]	
03BE 0824	MOVF	0x24,w		040C 3FFF	MOVWI	-1[FSR1]	
03BF 211B	CALL	M011B		040D 3FFF	MOVWI	-1[FSR1]	
03C0 0823	MOVF	0x23,w		040E 3FFF	MOVWI	-1[FSR1]	
03C1 211B	CALL	M011B		040F 3FFF	MOVWI	-1[FSR1]	
03C2 0008	RETURN			0410 138B	BCF	INTCON,GIE	
				0411 3055	MOVLW	0x55	; 'U'
	M03C3			0412 008D	MOVWF	0x0D	
03C3 3077	MOVLW	0x77	; 'w'	0413 30AA	MOVLW	0xAA	
03C4 211B	CALL	M011B		0414 008D	MOVWF	0x0D	
03C5 0008	RETURN			0415 148C	BSF	0x0C,1	
				0416 178B	BSF	INTCON,GIE	
	M03C6			0417 110C	BCF	0x0C,2	
03C6 0008	RETURN			0418 1283	BCF	STATUS,RP0	
				0419 1303	BCF	STATUS,RP1	
	M03C7			041A 0008	RETURN		
03C7 0008	RETURN						
				041B 1283	BCF	STATUS,RP0	
	M03C8			041C 1703	BSF	STATUS,RP1	
03C8 0850	MOVF	0x50,w		041D 0870	MOVF	0x70,w	
03C9 00E9	MOVWF	0x69		041E 008D	MOVWF	0x0D	
03CA 1205	BCF	0x05,4	; PORTA/TRIS	041F 1683	BSF	STATUS,RP0	
03CB 1285	BCF	0x05,5	; PORTA/TRIS	0420 3FFF	MOVWI	-1[FSR1]	
03CC 1105	BCF	0x05,2	; PORTA/TRIS	0421 3FFF	MOVWI	-1[FSR1]	
03CD 1869	BTFSC	0x69,0		0422 3FFF	MOVWI	-1[FSR1]	
03CE 1605	BSF	0x05,4	; PORTA/TRIS	0423 3FFF	MOVWI	-1[FSR1]	
03CF 18E9	BTFSC	0x69,1		0424 3FFF	MOVWI	-1[FSR1]	
03D0 1685	BSF	0x05,5	; PORTA/TRIS	0425 3FFF	MOVWI	-1[FSR1]	

03D1 1969	BTFSC	0x69,2		0426 3FFF	MOVWI	-1[FSR1]
03D2 1505	BSF	0x05,2	; PORTA/TRIS	0427 3FFF	MOVWI	-1[FSR1]
03D3 0008	RETURN			0428 3FFF	MOVWI	-1[FSR1]
					M0429	
	M03D4			0429 3FFF	MOVWI	-1[FSR1]
03D4 00CE	MOVWF	0x4E		042A 3FFF	MOVWI	-1[FSR1]
03D5 3041	MOVLW	0x41	; 'A'	042B 3FFF	MOVWI	-1[FSR1]
03D6 024E	SUBWF	0x4E,w		042C 3FFF	MOVWI	-1[FSR1]
03D7 3030	MOVLW	0x30	; '0'	042D 3FFF	MOVWI	-1[FSR1]
03D8 1803	BTFSC	STATUS,C		042E 3FFF	MOVWI	-1[FSR1]
03D9 3037	MOVLW	0x37	; '7'		M042F	
03DA 024E	SUBWF	0x4E,w		042F 3FFF	MOVWI	-1[FSR1]
03DB 0008	RETURN			0430 0080	MOVWF	INDF
				0431 0A84	INCF	FSR,f
	M03DC			0432 0AF0	INCF	0x70,f
03DC 0865	MOVF	0x65,w		0433 0BAC	DECFSZ	0x2C,f
03DD 00A6	MOVWF	0x26		0434 2C2F	GOTO	M042F
03DE 0864	MOVF	0x64,w		0435 0008	RETURN	
03DF 00A5	MOVWF	0x25			M0436	
03E0 0866	MOVF	0x66,w		0436 3006	MOVLW	0x06
03E1 00A7	MOVWF	0x27		0437 00AC	MOVWF	0x2C
03E2 0867	MOVF	0x67,w		0438 3000	MOVLW	0x00
03E3 00A8	MOVWF	0x28		0439 00F0	MOVWF	0x70
03E4 2957	GOTO	M0157		043A 302E	MOVLW	0x2E ; '!
	M03E5			043B 0084	MOVWF	FSR
03E5 01A4	CLRF	0x24		043C 0800	MOVF	INDF,w
03E6 01A3	CLRF	0x23		043D 00F1	MOVWF	0x71
03E7 0008	RETURN			043E 2402	CALL	M0402
				043F 0A84	INCF	FSR,f
	M03E8			0440 3FFF	MOVWI	-1[FSR1]
03E8 3099	MOVLW	0x99		0441 3FFF	MOVWI	-1[FSR1]
03E9 2BEF	GOTO	M03EF		0442 3FFF	MOVWI	-1[FSR1]
				0443 3FFF	MOVWI	-1[FSR1]
	M03EA			0444 3FFF	MOVWI	-1[FSR1]
03EA 182B	BTFSC	0x2B,0		0445 3FFF	MOVWI	-1[FSR1]

03EB 2BEE	GOTO	M03EE	0446 3FFF	MOVWI	-1[FSR1]
		M03EC	0447 3FFF	MOVWI	-1[FSR1]
03EC 3089	MOVLW	0x89	0448 3FFF	MOVWI	-1[FSR1]
03ED 2BEF	GOTO	M03EF	0449 3FFF	MOVWI	-1[FSR1]
		M03EE	044A 3FFF	MOVWI	-1[FSR1]
03EE 3081	MOVLW	0x81	044B 3FFF	MOVWI	-1[FSR1]
		M03EF	044C 3FFF	MOVWI	-1[FSR1]
03EF 009F	MOVWF	0x1F	044D 3FFF	MOVWI	-1[FSR1]
03F0 23FD	CALL	M03FD	044E 3FFF	MOVWI	-1[FSR1]
03F1 151F	BSF	0x1F,2	044F 3FFF	MOVWI	-1[FSR1]
		M03F2	0450 0008	RETURN	
03F2 191F	BTFSC	0x1F,2	0451 3FFF	MOVWI	-1[FSR1]
03F3 2BF2	GOTO	M03F2	0452 3FFF	MOVWI	-1[FSR1]
03F4 1683	BSF	STATUS,RP0	0453 3FFF	MOVWI	-1[FSR1]
03F5 1303	BCF	STATUS,RP1	0454 3FFF	MOVWI	-1[FSR1]
03F6 081E	MOVF	0x1E,w	0455 3FFF	MOVWI	-1[FSR1]
03F7 1283	BCF	STATUS,RP0	0456 3FFF	MOVWI	-1[FSR1]
03F8 1303	BCF	STATUS,RP1	0457 3FFF	MOVWI	-1[FSR1]
03F9 00A4	MOVWF	0x24	0458 3FFF	MOVWI	-1[FSR1]
03FA 081E	MOVF	0x1E,w	0459 3FFF	MOVWI	-1[FSR1]
03FB 00A3	MOVWF	0x23	045A 3FFF	MOVWI	-1[FSR1]
03FC 0008	RETURN		045B 3FFF	MOVWI	-1[FSR1]
		M03FD	045C 3FFF	MOVWI	-1[FSR1]
03FD 30C8	MOVLW	0xC8	045D 3FFF	MOVWI	-1[FSR1]
03FE 00CE	MOVWF	0x4E	045E 3FFF	MOVWI	-1[FSR1]
		M03FF	045F 3FFF	MOVWI	-1[FSR1]
03FF 0BCE	DECFSZ	0x4E,f	0460 3FFF	MOVWI	-1[FSR1]
0400 2BFF	GOTO	M03FF	0461 3FFF	MOVWI	-1[FSR1]
0401 0008	RETURN		0462 3FFF	MOVWI	-1[FSR1]
		M0402	0463 3FFF	MOVWI	-1[FSR1]
0402 1683	BSF	STATUS,RP0	0464 3FFF	MOVWI	-1[FSR1]
0403 1703	BSF	STATUS,RP1	0465 3FFF	MOVWI	-1[FSR1]
		M0404	0466 3FFF	MOVWI	-1[FSR1]
			0467 3FFF	MOVWI	-1[FSR1]
			0468 3FFF	MOVWI	-1[FSR1]

0404 188C	BTFSC	0x0C,1		0469 3FFF	MOVWI	-1[FSR1]
0405 2C04	GOTO	M0404		046A 3FFF	MOVWI	-1[FSR1]
0406 1283	BCF	STATUS,RP0		046B 3FFF	MOVWI	-1[FSR1]
0407 1703	BSF	STATUS,RP1		046C 3FFF	MOVWI	-1[FSR1]
0408 0870	MOVF	0x70,w		046D 3FFF	MOVWI	-1[FSR1]
0409 008D	MOVWF	0x0D		046E 3FFF	MOVWI	-1[FSR1]
040A 0871	MOVF	0x71,w		046F 3FFF	MOVWI	-1[FSR1]
040B 008C	MOVWF	0x0C		0470 3FFF	MOVWI	-1[FSR1]
040C 1683	BSF	STATUS,RP0		0471 3FFF	MOVWI	-1[FSR1]
040D 1703	BSF	STATUS,RP1		0472 3FFF	MOVWI	-1[FSR1]
040E 138C	BCF	0x0C,7		0473 3FFF	MOVWI	-1[FSR1]
040F 150C	BSF	0x0C,2		0474 3FFF	MOVWI	-1[FSR1]
0410 138B	BCF	INTCON,GIE		0475 3FFF	MOVWI	-1[FSR1]
0411 3055	MOVLW	0x55	; 'U'	0476 3FFF	MOVWI	-1[FSR1]
0412 008D	MOVWF	0x0D		0477 3FFF	MOVWI	-1[FSR1]
0413 30AA	MOVLW	0xAA		0478 3FFF	MOVWI	-1[FSR1]
0414 008D	MOVWF	0x0D		0479 3FFF	MOVWI	-1[FSR1]
0415 148C	BSF	0x0C,1		047A 3FFF	MOVWI	-1[FSR1]
0416 178B	BSF	INTCON,GIE		047B 3FFF	MOVWI	-1[FSR1]
0417 110C	BCF	0x0C,2		047C 3FFF	MOVWI	-1[FSR1]
0418 1283	BCF	STATUS,RP0		047D 3FFF	MOVWI	-1[FSR1]
0419 1303	BCF	STATUS,RP1		047E 3FFF	MOVWI	-1[FSR1]
041A 0008	RETURN			047F 3FFF	MOVWI	-1[FSR1]
				0480 3FFF	MOVWI	-1[FSR1]
	M041B			0481 3FFF	MOVWI	-1[FSR1]
041B 1283	BCF	STATUS,RP0		0482 3FFF	MOVWI	-1[FSR1]
041C 1703	BSF	STATUS,RP1		0483 3FFF	MOVWI	-1[FSR1]
041D 0870	MOVF	0x70,w		0484 3FFF	MOVWI	-1[FSR1]
041E 008D	MOVWF	0x0D		0485 3FFF	MOVWI	-1[FSR1]
041F 1683	BSF	STATUS,RP0		0486 3FFF	MOVWI	-1[FSR1]
0420 1703	BSF	STATUS,RP1		0487 3FFF	MOVWI	-1[FSR1]
0421 138C	BCF	0x0C,7		0488 3FFF	MOVWI	-1[FSR1]
0422 140C	BSF	0x0C,0		0489 3FFF	MOVWI	-1[FSR1]
0423 1283	BCF	STATUS,RP0		048A 3FFF	MOVWI	-1[FSR1]
0424 1703	BSF	STATUS,RP1		048B 3FFF	MOVWI	-1[FSR1]
0425 080C	MOVF	0x0C,w		048C 3FFF	MOVWI	-1[FSR1]

0426 1283	BCF	STATUS,RP0		048D 3FFF	MOVWI	-1[FSR1]
0427 1303	BCF	STATUS,RP1		048E 3FFF	MOVWI	-1[FSR1]
0428 0008	RETURN			048F 3FFF	MOVWI	-1[FSR1]
				0490 3FFF	MOVWI	-1[FSR1]
	M0429			0491 3FFF	MOVWI	-1[FSR1]
0429 3006	MOVLW	0x06		0492 3FFF	MOVWI	-1[FSR1]
042A 00AC	MOVWF	0x2C		0493 3FFF	MOVWI	-1[FSR1]
042B 302E	MOVLW	0x2E	;''	0494 3FFF	MOVWI	-1[FSR1]
042C 0084	MOVWF	FSR		0495 3FFF	MOVWI	-1[FSR1]
042D 3000	MOVLW	0x00		0496 3FFF	MOVWI	-1[FSR1]
042E 00F0	MOVWF	0x70		0497 3FFF	MOVWI	-1[FSR1]
	M042F			0498 3FFF	MOVWI	-1[FSR1]
042F 241B	CALL	M041B		0499 3FFF	MOVWI	-1[FSR1]
0430 0080	MOVWF	INDF		049A 3FFF	MOVWI	-1[FSR1]
0431 0A84	INCF	FSR,f		049B 3FFF	MOVWI	-1[FSR1]
0432 0AF0	INCF	0x70,f		049C 3FFF	MOVWI	-1[FSR1]
0433 0BAC	DECFSZ	0x2C,f		049D 3FFF	MOVWI	-1[FSR1]
0434 2C2F	GOTO	M042F		049E 3FFF	MOVWI	-1[FSR1]
0435 0008	RETURN			049F 3FFF	MOVWI	-1[FSR1]
				04A0 3FFF	MOVWI	-1[FSR1]
	M0436			04A1 3FFF	MOVWI	-1[FSR1]
0436 3006	MOVLW	0x06		04A2 3FFF	MOVWI	-1[FSR1]
0437 00AC	MOVWF	0x2C		04A3 3FFF	MOVWI	-1[FSR1]
0438 3000	MOVLW	0x00		04A4 3FFF	MOVWI	-1[FSR1]
0439 00F0	MOVWF	0x70		04A5 3FFF	MOVWI	-1[FSR1]
043A 302E	MOVLW	0x2E	;''	04A6 3FFF	MOVWI	-1[FSR1]
043B 0084	MOVWF	FSR		04A7 3FFF	MOVWI	-1[FSR1]
	M043C			04A8 3FFF	MOVWI	-1[FSR1]
043C 0800	MOVF	INDF,w		04A9 3FFF	MOVWI	-1[FSR1]
043D 00F1	MOVWF	0x71		04AA 3FFF	MOVWI	-1[FSR1]
043E 2402	CALL	M0402		04AB 3FFF	MOVWI	-1[FSR1]
043F 0A84	INCF	FSR,f		04AC 3FFF	MOVWI	-1[FSR1]
0440 0AF0	INCF	0x70,f		04AD 3FFF	MOVWI	-1[FSR1]
0441 0BAC	DECFSZ	0x2C,f		04AE 3FFF	MOVWI	-1[FSR1]
0442 2C3C	GOTO	M043C		04AF 3FFF	MOVWI	-1[FSR1]
0443 0008	RETURN			04B0 3FFF	MOVWI	-1[FSR1]

0444 301A	MOVLW 0x1A		04B1 3FFF	MOVWI	-1[FSR1]
0445 00EC	MOVWF 0x6C		04B2 3FFF	MOVWI	-1[FSR1]
0446 3077	MOVLW 0x77	; 'w'	04B3 3FFF	MOVWI	-1[FSR1]
0447 00EB	MOVWF 0x6B		04B4 3FFF	MOVWI	-1[FSR1]
0448 3055	MOVLW 0x55	; 'U'	04B5 3FFF	MOVWI	-1[FSR1]
0449 00EA	MOVWF 0x6A		04B6 3FFF	MOVWI	-1[FSR1]
	M044A		04B7 3FFF	MOVWI	-1[FSR1]
044A 0BEA	DECFSZ 0x6A,f		04B8 3FFF	MOVWI	-1[FSR1]
044B 2C4A	GOTO M044A		04B9 3FFF	MOVWI	-1[FSR1]
044C 0BEB	DECFSZ 0x6B,f		04BA 3FFF	MOVWI	-1[FSR1]
044D 2C4A	GOTO M044A		04BB 3FFF	MOVWI	-1[FSR1]
044E 0BEC	DECFSZ 0x6C,f		04BC 3FFF	MOVWI	-1[FSR1]
044F 2C4A	GOTO M044A		04BD 3FFF	MOVWI	-1[FSR1]
0450 0008	RETURN		04BE 3FFF	MOVWI	-1[FSR1]
			04BF 3FFF	MOVWI	-1[FSR1]
			04C0 3FFF	MOVWI	-1[FSR1]
	END.		04C1 3FFF	MOVWI	-1[FSR1]
; end of file			04C2 3FFF	MOVWI	-1[FSR1]
			04C3 3FFF	MOVWI	-1[FSR1]
			04C4 3FFF	MOVWI	-1[FSR1]
			04C5 3FFF	MOVWI	-1[FSR1]
			04C6 3FFF	MOVWI	-1[FSR1]
			04C7 3FFF	MOVWI	-1[FSR1]
			04C8 3FFF	MOVWI	-1[FSR1]
			04C9 3FFF	MOVWI	-1[FSR1]
			04CA 3FFF	MOVWI	-1[FSR1]
			04CB 3FFF	MOVWI	-1[FSR1]
			04CC 3FFF	MOVWI	-1[FSR1]
			04CD 3FFF	MOVWI	-1[FSR1]
			04CE 3FFF	MOVWI	-1[FSR1]
			04CF 3FFF	MOVWI	-1[FSR1]
			04D0 3FFF	MOVWI	-1[FSR1]
			04D1 3FFF	MOVWI	-1[FSR1]
			04D2 3FFF	MOVWI	-1[FSR1]
			04D3 3FFF	MOVWI	-1[FSR1]
			04D4 3FFF	MOVWI	-1[FSR1]

04D5	3FFF	MOVWI	-1[FSR1]
04D6	3FFF	MOVWI	-1[FSR1]
04D7	3FFF	MOVWI	-1[FSR1]
04D8	3FFF	MOVWI	-1[FSR1]
04D9	3FFF	MOVWI	-1[FSR1]
04DA	3FFF	MOVWI	-1[FSR1]
04DB	3FFF	MOVWI	-1[FSR1]
04DC	3FFF	MOVWI	-1[FSR1]
04DD	3FFF	MOVWI	-1[FSR1]
04DE	3FFF	MOVWI	-1[FSR1]
04DF	3FFF	MOVWI	-1[FSR1]
04E0	3FFF	MOVWI	-1[FSR1]
04E1	3FFF	MOVWI	-1[FSR1]
04E2	3FFF	MOVWI	-1[FSR1]
04E3	3FFF	MOVWI	-1[FSR1]
04E4	3FFF	MOVWI	-1[FSR1]
04E5	3FFF	MOVWI	-1[FSR1]
04E6	3FFF	MOVWI	-1[FSR1]
04E7	3FFF	MOVWI	-1[FSR1]
04E8	3FFF	MOVWI	-1[FSR1]
04E9	3FFF	MOVWI	-1[FSR1]
04EA	3FFF	MOVWI	-1[FSR1]
04EB	3FFF	MOVWI	-1[FSR1]
04EC	3FFF	MOVWI	-1[FSR1]
04ED	3FFF	MOVWI	-1[FSR1]
04EE	3FFF	MOVWI	-1[FSR1]
04EF	3FFF	MOVWI	-1[FSR1]
04F0	3FFF	MOVWI	-1[FSR1]
04F1	3FFF	MOVWI	-1[FSR1]
04F2	3FFF	MOVWI	-1[FSR1]
04F3	3FFF	MOVWI	-1[FSR1]
04F4	3FFF	MOVWI	-1[FSR1]
04F5	3FFF	MOVWI	-1[FSR1]
04F6	3FFF	MOVWI	-1[FSR1]
04F7	3FFF	MOVWI	-1[FSR1]
04F8	3FFF	MOVWI	-1[FSR1]

04F9	3FFF	MOVWI	-1[FSR1]
04FA	3FFF	MOVWI	-1[FSR1]
04FB	3FFF	MOVWI	-1[FSR1]
04FC	3FFF	MOVWI	-1[FSR1]
04FD	3FFF	MOVWI	-1[FSR1]
04FE	3FFF	MOVWI	-1[FSR1]
04FF	3FFF	MOVWI	-1[FSR1]
0500	3FFF	MOVWI	-1[FSR1]
0501	3FFF	MOVWI	-1[FSR1]
0502	3FFF	MOVWI	-1[FSR1]
0503	3FFF	MOVWI	-1[FSR1]
0504	3FFF	MOVWI	-1[FSR1]
0505	3FFF	MOVWI	-1[FSR1]
0506	3FFF	MOVWI	-1[FSR1]
0507	3FFF	MOVWI	-1[FSR1]
0508	3FFF	MOVWI	-1[FSR1]
0509	3FFF	MOVWI	-1[FSR1]
050A	3FFF	MOVWI	-1[FSR1]
050B	3FFF	MOVWI	-1[FSR1]
050C	3FFF	MOVWI	-1[FSR1]
050D	3FFF	MOVWI	-1[FSR1]
050E	3FFF	MOVWI	-1[FSR1]
050F	3FFF	MOVWI	-1[FSR1]
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06BA	3FFF	MOVWI	-1[FSR1]
06BB	3FFF	MOVWI	-1[FSR1]
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06BD	3FFF	MOVWI	-1[FSR1]
06BE	3FFF	MOVWI	-1[FSR1]
06BF	3FFF	MOVWI	-1[FSR1]
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06C2	3FFF	MOVWI	-1[FSR1]
06C3	3FFF	MOVWI	-1[FSR1]
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06C5	3FFF	MOVWI	-1[FSR1]
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06CB	3FFF	MOVWI	-1[FSR1]
06CC	3FFF	MOVWI	-1[FSR1]

06CD	3FFF	MOVWI	-1[FSR1]
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06DD	3FFF	MOVWI	-1[FSR1]
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END.
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; end of file
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