

C:\Eigene Dateien\Coden\AUR\Displayadapter

F:\Eigene Dateien\Coden\AUR\Displayadapter>make

```
set -e; avr-gcc -MM -mmcu=at90s2313 -I. -g -O0 -funsigned-char -funsigned-bitfields
ld -fpack-struct -fshort-enums -Wall -Wstrict-prototypes -Wa,-ahlms=test.lst test.c \
| sed 's,\(.*\)\\.o[ :]*,\\1.o \\1.d : ,g' > test.d; \
[ -s test.d ] || rm -f test.d
```

-----  
begin

avr-gcc --version

avr-gcc (GCC) 3.3 20030421 (prerelease)

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Size before:

```
test.elf :
section      size      addr
.text        4874      0
.data         6      8388704
.bss          4      8388710
.noinit       0      8388714
.eeprom       0      8454144
.stab         480      0
.stabstr      1092     0
Total        6456
```

```
avr-gcc -c -mmcu=at90s2313 -I. -g -O0 -funsigned-char -funsigned-bitfields -fpack-struct
k-struct -fshort-enums -Wall -Wstrict-prototypes -Wa,-ahlms=test.lst test.c -o test.o
```

test.c:10:2: warning: no newline at end of file

```
avr-gcc -mmcu=at90s2313 -I. -g -O0 -funsigned-char -funsigned-bitfields -fpack-struct
-struct -fshort-enums -Wall -Wstrict-prototypes -Wa,-ahlms=test.o test.o --output
test.elf -Wl,-Map=test.map,--cref -Wl,-u,vfprintf -lprintf_flt -lm
```

```
avr-objcopy -O ihex -R .eeprom test.elf test.hex
```

```
avr-objcopy -j .eeprom --set-section-flags=.eeprom="alloc,load" --change-section
-lma .eeprom=0 -O ihex test.elf test.eep
```

```
avr-objdump -h -S test.elf > test.lss
```

Size after:

```
test.elf :
section      size      addr
.text        4874      0
.data         6      8388704
.bss          4      8388710
.noinit       0      8388714
.eeprom       0      8454144
.stab         480      0
.stabstr      1092     0
Total        6456
```

Errors: none

-----  
end