

```
gsxr600@GSXR600:~/code/arduino-c/blink-pure-c$ make
avr-gcc -Os -DF_CPU=16000000UL -mmcu=atmega328p -c -o led.o led.c
avr-gcc -o led.bin led.o
avr-objcopy -O ihex -R .eeprom led.bin led.hex
sudo avrdude -v -F -V -c arduino -p atmega328p -P /dev/ttyACM0 -b 115200 -D -U
flash:w:led.hex:i
```

avrdude: Version 6.3-20171130

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System wide configuration file is "/etc/avrdude.conf"

User configuration file is "/root/.avrduderc"

User configuration file does not exist or is not a regular file, skipping

```
Using Port          : /dev/ttyACM0
Using Programmer    : arduino
Overriding Baud Rate : 115200
AVR Part           : ATmega328P
Chip Erase delay    : 9000 us
PAGEL              : PD7
BS2                : PC2
RESET disposition   : dedicated
RETRY pulse         : SCK
serial program mode : yes
parallel program mode : yes
Timeout            : 200
StabDelay          : 100
CmdexeDelay        : 25
SyncLoops          : 32
ByteDelay          : 0
PollIndex          : 3
PollValue          : 0x53
Memory Detail      :
```

	Block Poll				Page		Polled					
Memory Type	Mode	Delay	Size	Indx	Paged	Size	Size	Size	#Pages	MinW	MaxW	
ReadBack												
-----	-----											
eeprom	65	20	4	0	no	1024	4	0	3600	3600	0xff 0xff	
flash	65	6	128	0	yes	32768	128	256	4500	4500	0xff 0xff	
lfuse	0	0	0	0	no	1	0	0	4500	4500	0x00 0x00	
hfuse	0	0	0	0	no	1	0	0	4500	4500	0x00 0x00	
efuse	0	0	0	0	no	1	0	0	4500	4500	0x00 0x00	
lock	0	0	0	0	no	1	0	0	4500	4500	0x00 0x00	
calibration	0	0	0	0	no	1	0	0	0	0	0x00 0x00	
signature	0	0	0	0	no	3	0	0	0	0	0x00 0x00	

Programmer Type : Arduino
Description : Arduino
Hardware Version: 3
Firmware Version: 4.4
Vtarget : 0.3 V
Varef : 0.3 V
Oscillator : 28.800 kHz
SCK period : 3.3 us

avrdude: AVR device initialized and ready to accept instructions

Reading | ##### | 100% 0.00s

avrdude: Device signature = 0x1e950f (probably m328p)
avrdude: safemode: lfuse reads as 0
avrdude: safemode: hfuse reads as 0
avrdude: safemode: efuse reads as 0
avrdude: reading input file "led.hex"
avrdude: writing flash (78 bytes):

Writing | ##### | 100% 0.02s

avrdude: 78 bytes of flash written

avrdude: safemode: lfuse reads as 0
avrdude: safemode: hfuse reads as 0
avrdude: safemode: efuse reads as 0
avrdude: safemode: Fuses OK (E:00, H:00, L:00)

avrdude done. Thank you.