

+9V

78L05

GPS LEA6t
1PPS Out

OCXO
26 MHz

TTL Freq. Output

Lowpass 1,6 Hz

PWM Frequency
 $26\text{MHz}/2^{16} = 397\text{Hz}$

LM258

74HC14

100uF/1kOhm
to LM256

100uF/1kOhm

7805

to OCXO

78L05

to 74HC14

74HC14 has its own
75L08 regulator, because
that's our "DAC
reference voltage"

PB6/TOSC1
System Clock

PB0/ICP1
Timer1 Input Capture

PB2/OC1B
PWM Out

PD5/OC0B
1 MHz Output (clkIO/26)

ATmega168

Vcc

"Clean Supply Area", on PCB

"Breadboard Area"

