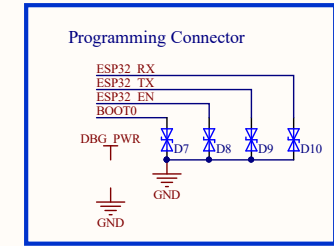
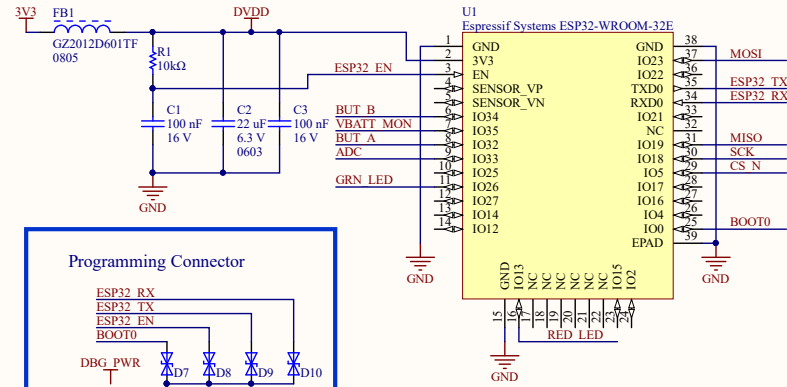


All passive components are 0402 unless specified  
Resistor tolerance = 1%, Capacitor tolerance = 10%

VFB = 495 - 505 mV for TPS63000  
Input voltage range: 1.8 V to 5.5 V  
Efficiency: 70+% @ 1mA - 10 mA, 90+% @ 100mA



Gain =  $5 + 80k / R_G$   
 $R_G = 71.5 \text{ ohm}$ , Gain = 1120  
Input High-pass filter  $f_c = 0.34 \text{ Hz}$   
INAMP High-pass filter  $f_c = 0.48 \text{ Hz}$   
RF1 Low-pass filter  $f_{c\_diff} = 233 \text{ Hz}$   
RF1 Low-pass filter  $f_{c\_cm} = 7.2 \text{ kHz}$

Third order Hourglass low-pass filter  
 $Q = 2.17$ ,  $F_c = 37.4 \text{ Hz}$ ,  $F_n = 50 \text{ Hz}$   
50 Hz Rejection:  
Min = 17 dB, Nom = 35 dB, Max = 55 dB

