

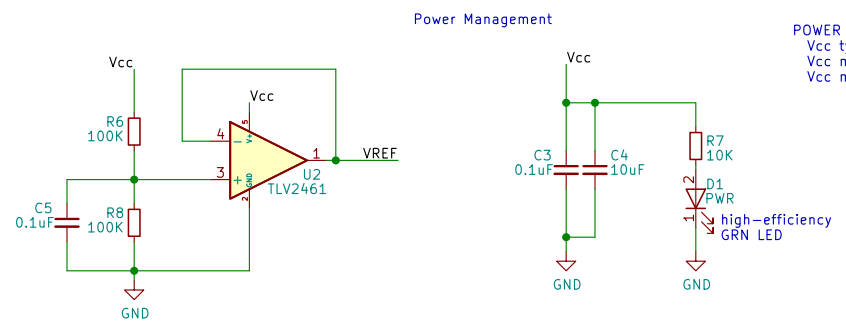
STANDARD SPEAKER LOADS (INPUTS):  
 4 ohm + 33uH 3.3W max  
 8 ohm + 68uH 1.8W max

Custom Loads:  
 R / L ratio = approx 120K

18 ohm + 150uH 1.4W max (18-ohm #352118RFT, 150uH #732-10761-1)  
 120 ohm + 1000uH 0.2W max (12-ohm #3521120RFT, 100uH #SRR7045-102M)

INTEGRATION AMPLIFIER  
 Vin = 0 to +5  
 Vout = 0 to + 5  
 Gain = 0.2  
 Voffset = 0.5 Vcc (+2.5 typical)  
 Fcutoff = 17.0kHz  
 V+, V- = +5, GND

47uF cap: DigiKey EEV476M025A9GAA



POWER INPUT RANGE  
 Vcc typical = 5.0v  
 Vcc minimum = 2.5v  
 Vcc maximum = 6.0v

Typical MAX98357A I2S Class-D  
 amplifier PWM frequency is 330kHz

Cedar Grove Studios	
Sheet: /	
File: breakout.kicad_sch	
<b>Title: Mono Reintegrator Breakout</b>	
Size: USLetter	Date: 2023-05-30
KiCad E.D.A. kicad (6.0.0-0)	Rev: 0.2.0
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