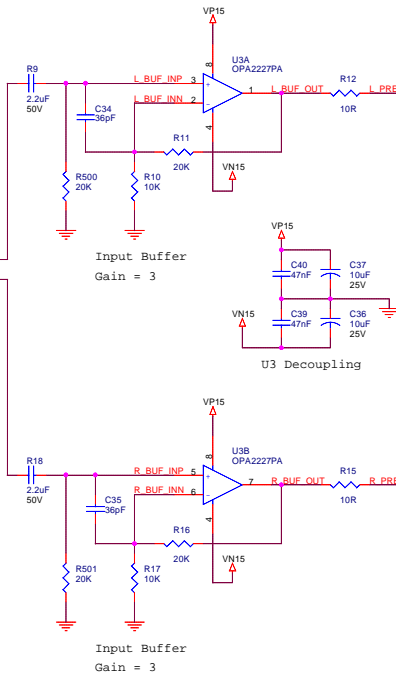


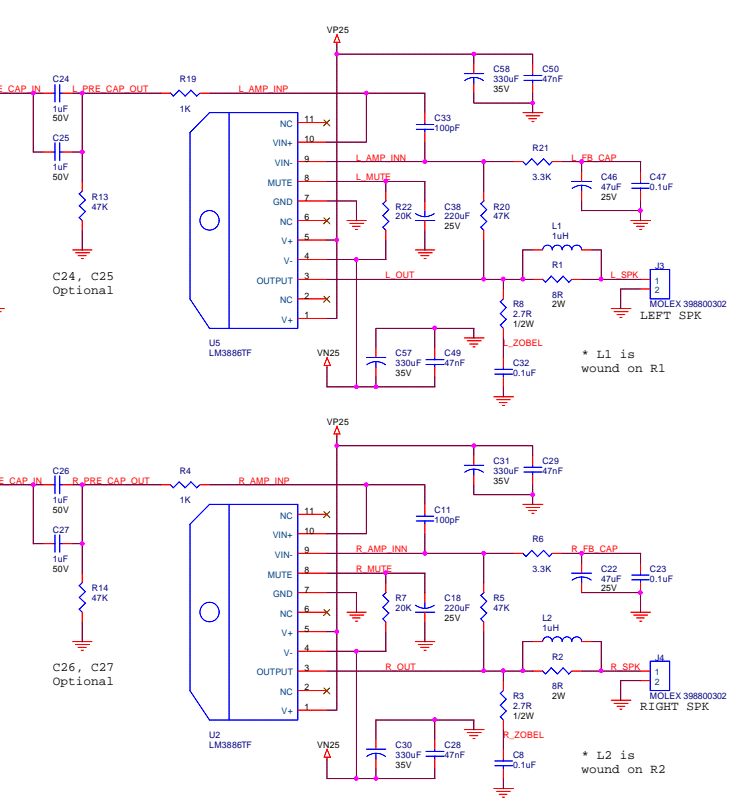
18V max, 45mA max

Associated Mechanicals	Qty	Part Number
Heatsink	1	
Standoffs	4	



Input Buffer
Gain = 3

Input Buffer
Gain = 3

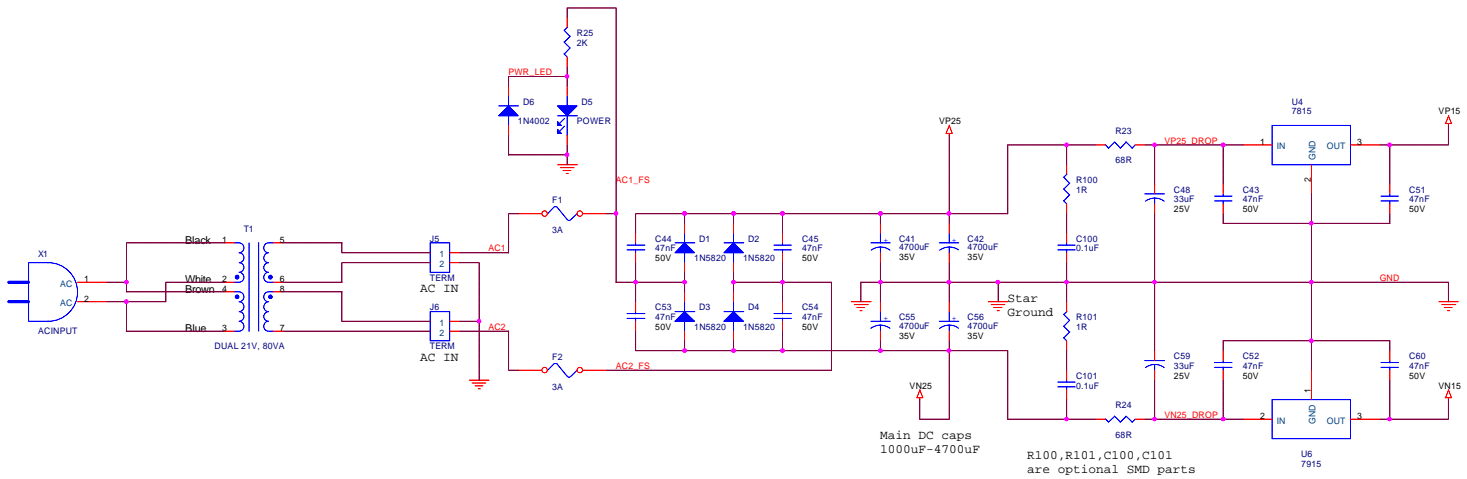


* L1 is wound on R1

* L2 is wound on R2

Design Calculations:

VCC/VEE (+/-) = 25V
Load Impedance = 8Ω
Input Impedance = 20K
Output at 1% THD = 29.91W
Vpeak = 21.88V
Ipeak = 2.73A
Amp Input = 1V RMS
Preamp Input = 300mV RMS
Amp Gain = 45 (33dB)
Lower (-3dB) Cutoff = 3.4Hz
Heatsink = 3.4 degC/W



Main DC caps
1000uF-4700uF

R100, R101, C100, C101
are optional SMD parts

All resistors 1/4W, 1% except where stated
All capacitors 50V or greater except where stated