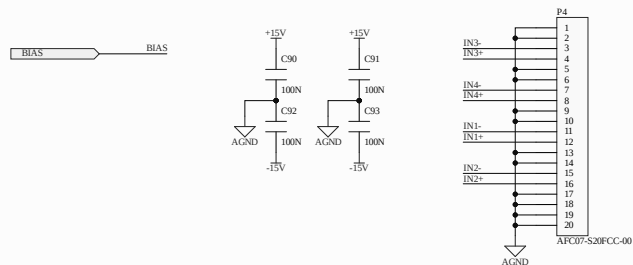
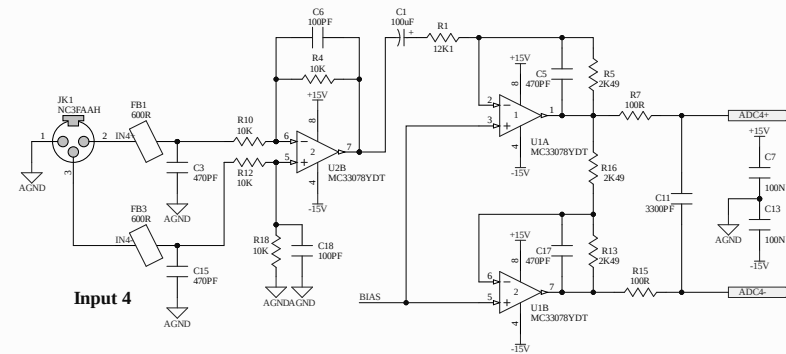
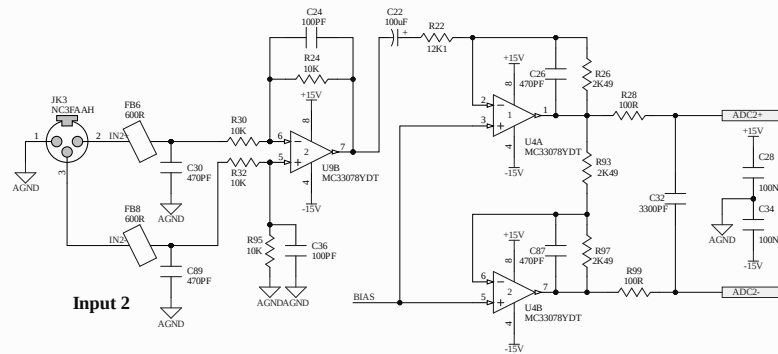
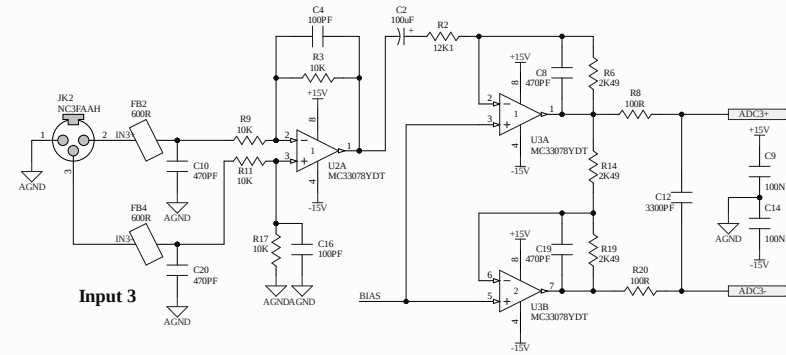
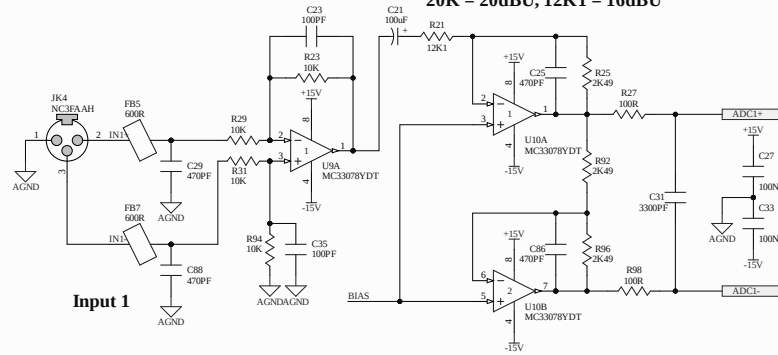


Analog Inputs

ADC Full scale input = $5.6\text{Vp-p}(\text{summed}) = 2.8\text{Vp-p}(\text{each side}) = 2.13\text{ dBu}$

*Input: $A_v = 0.125(R_i = 20\text{k}), 2.8\text{Vpp}/0.125 = 20.2\text{ dBu}$

20K = 20dBu, 12K1 = 16dBu

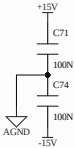
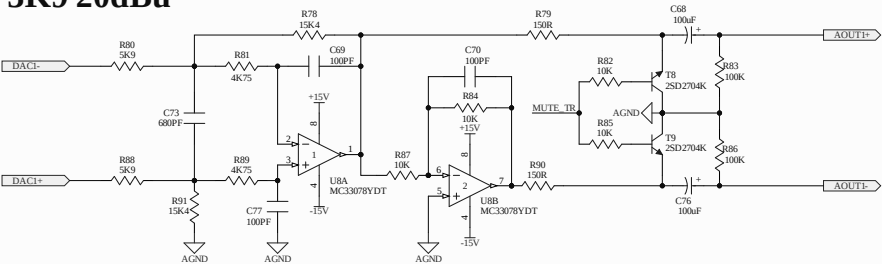
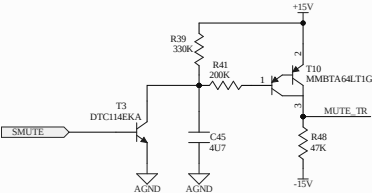


Analog Outputs

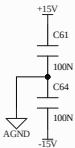
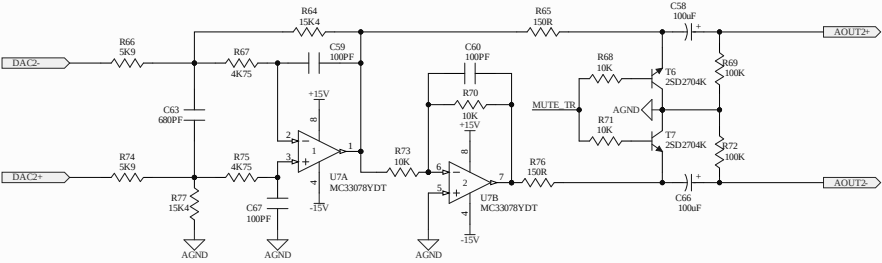
0dBFS = 5.6Vp-p*3.95 = 22.12Vp-p (20dBu)

DAC output 0dBFS = 5.6Vp-p = 2.0Vrms (typ) = 8.2dBu, Av = 3.95 = 12dB
2nd Order Butterworth, fc = 50kHz

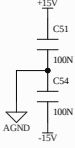
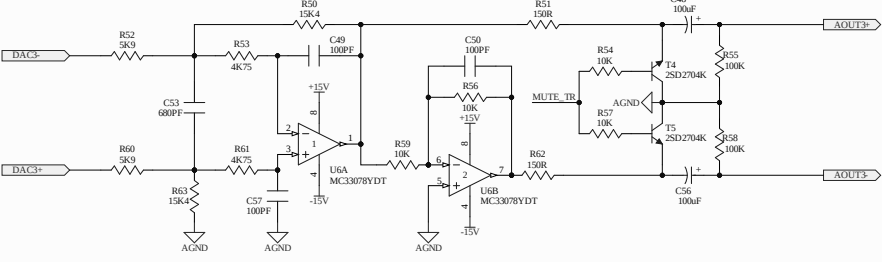
3K9 20dBu



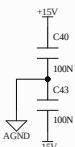
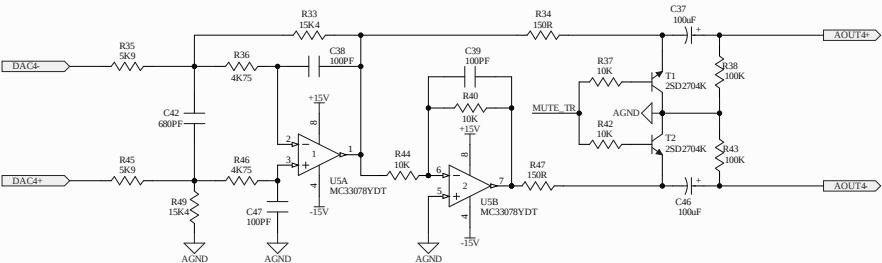
Output 1



Output 2



Output 3



Output 4

1 2 3 4 5 6

A

B

C

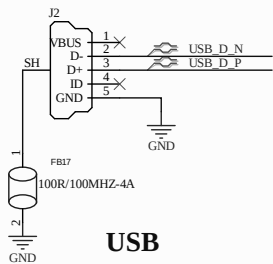
D

A

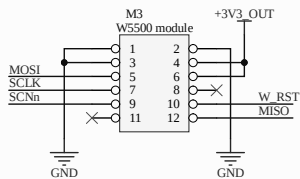
B

C

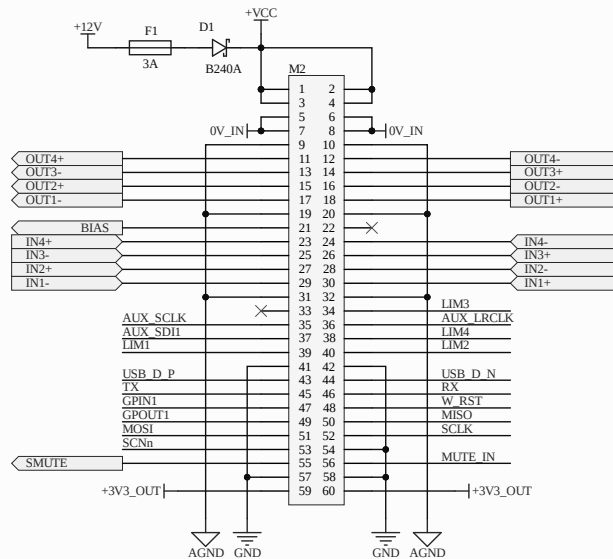
D



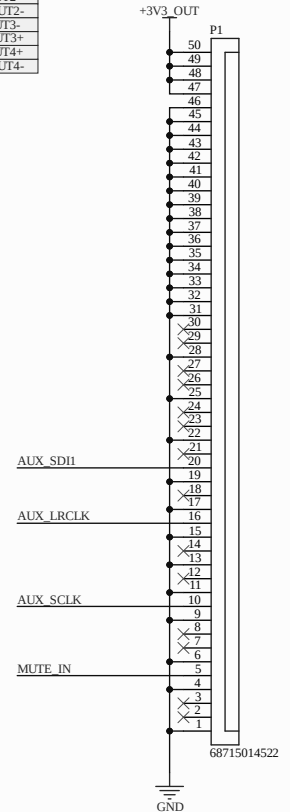
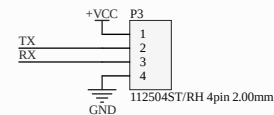
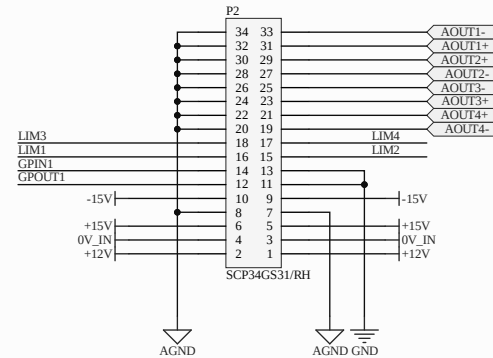
USB



W5500 Ethernet Module



DSP Module



Dante / AES67 Card

1 2 3 4 5 6

DIGITCLASS
DSP4.4 Base Board
Premium Audio Devices

