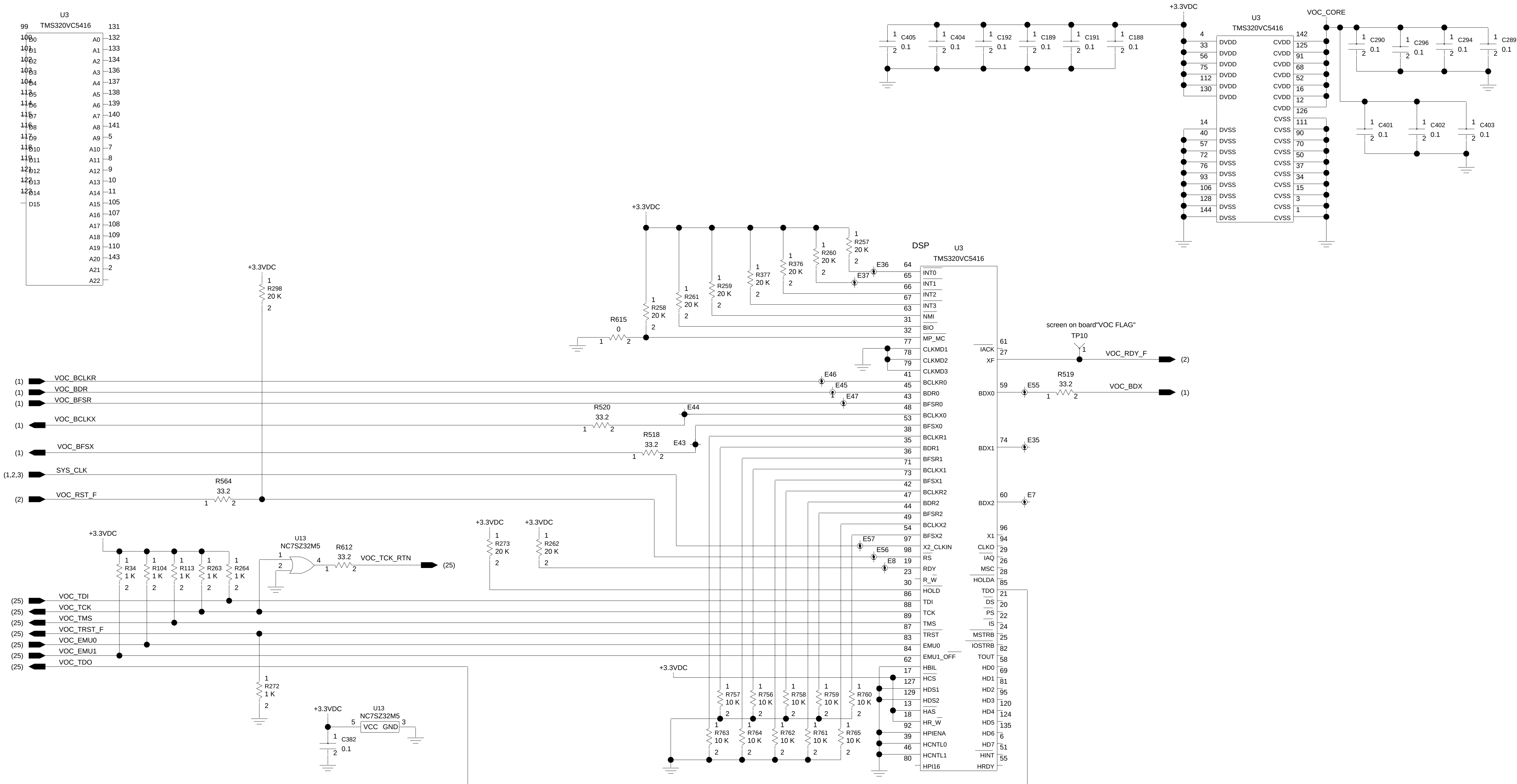
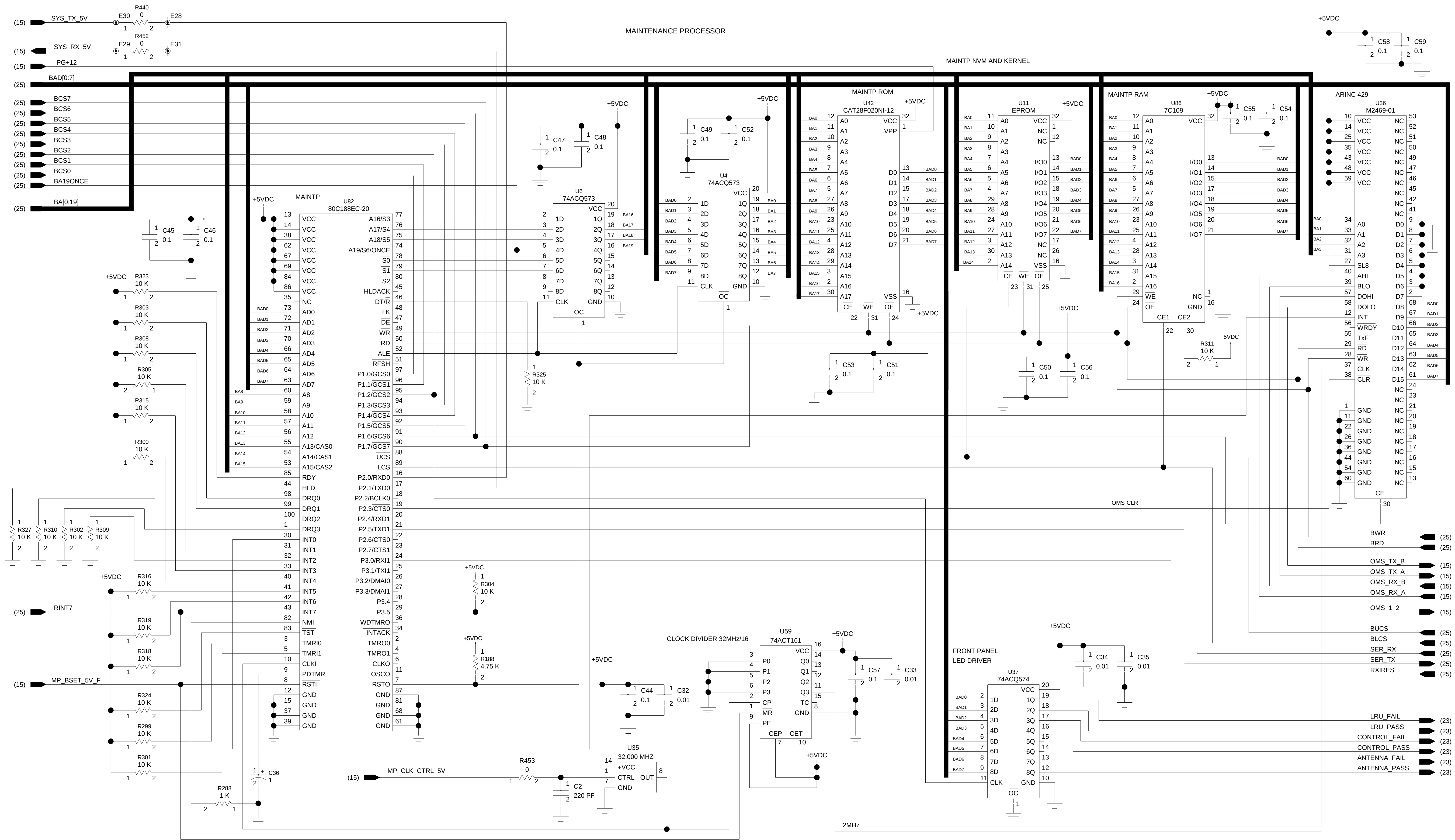
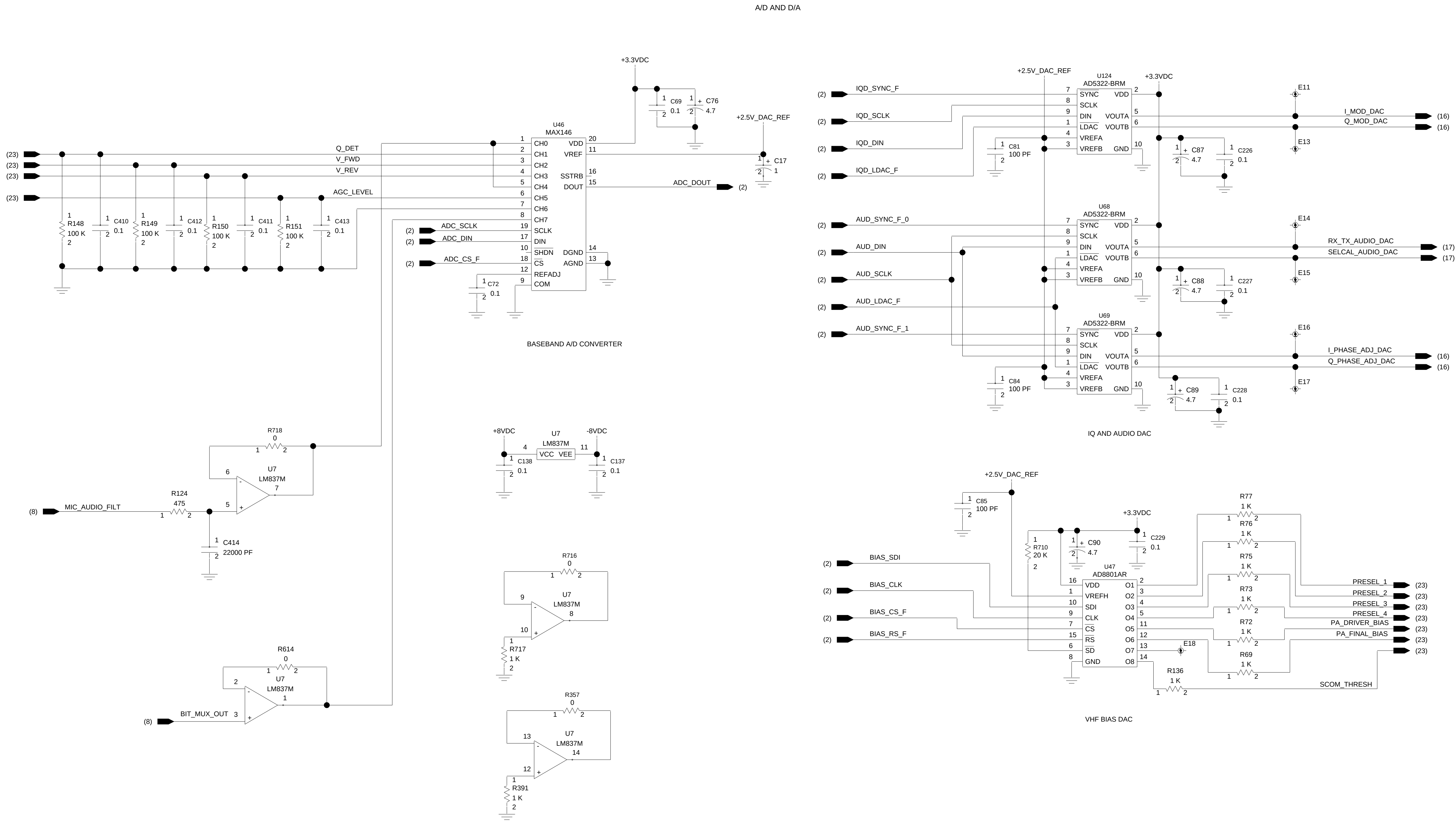
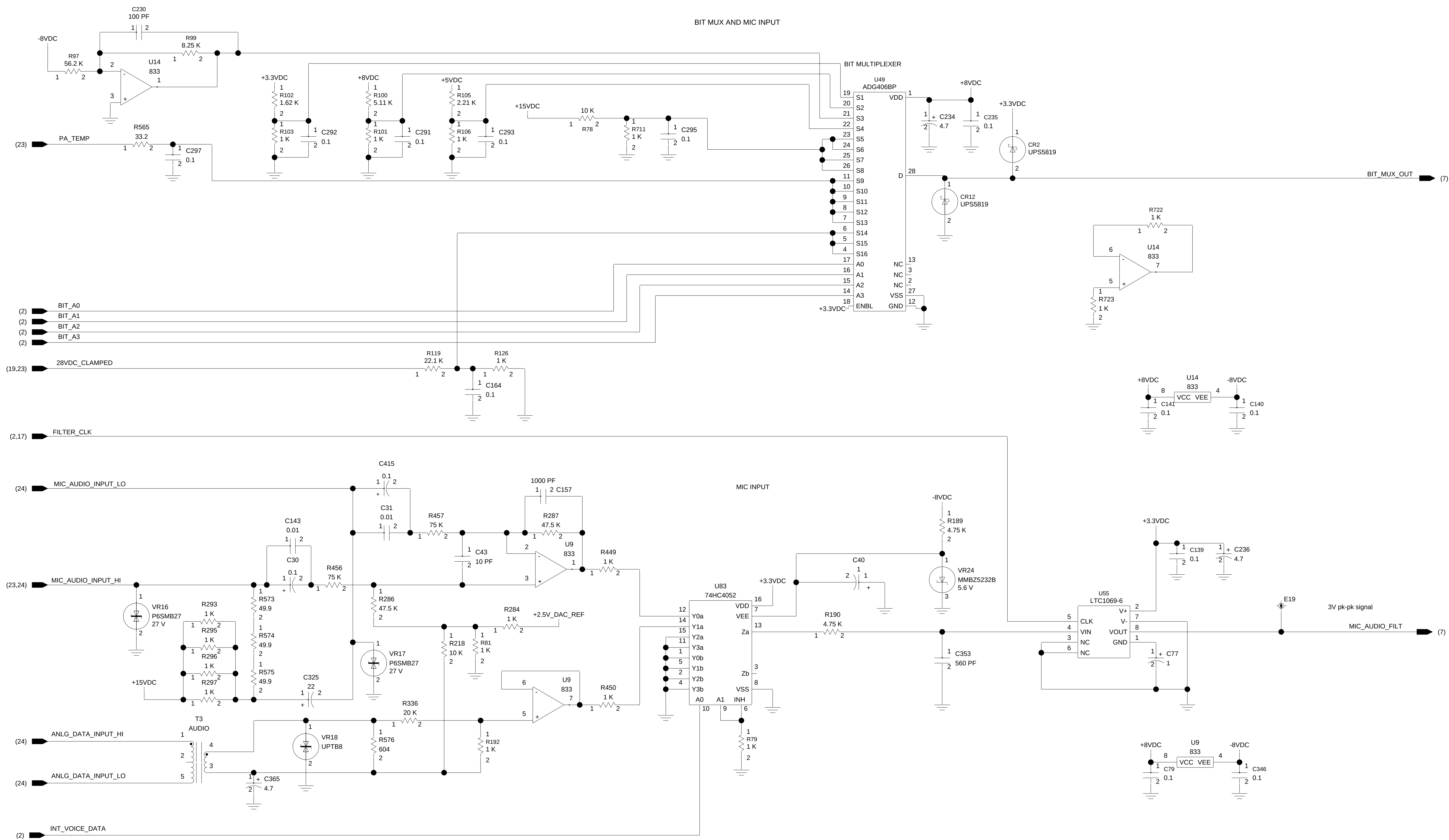


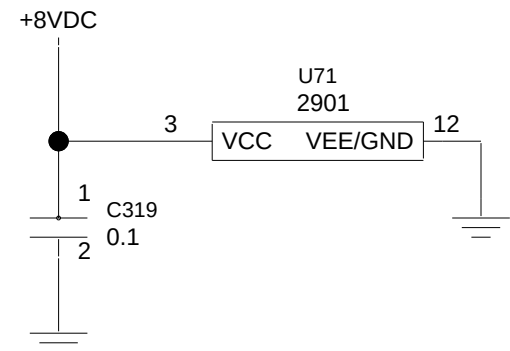
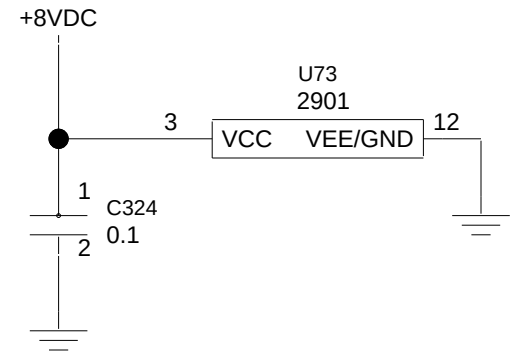
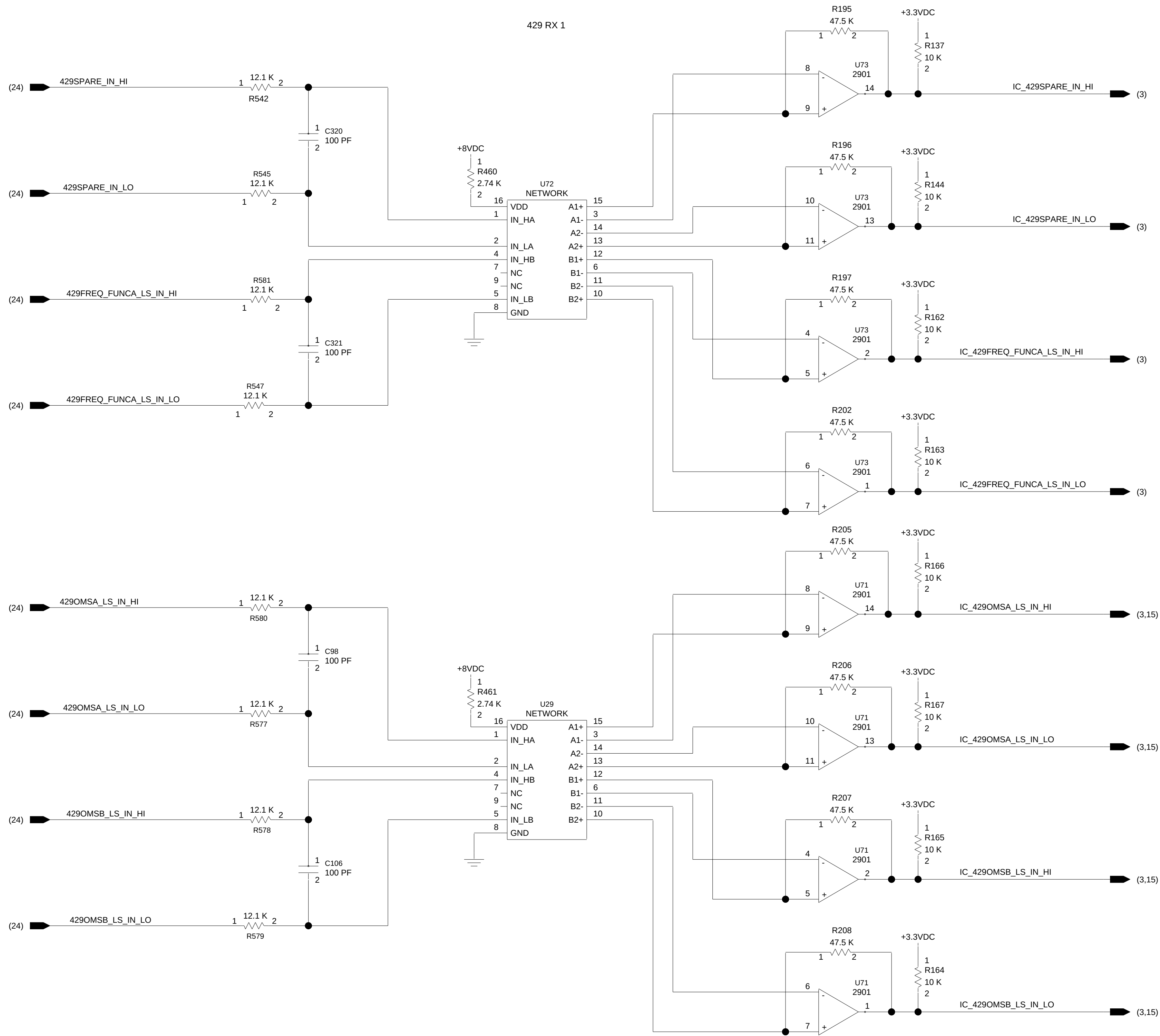
VOCODER

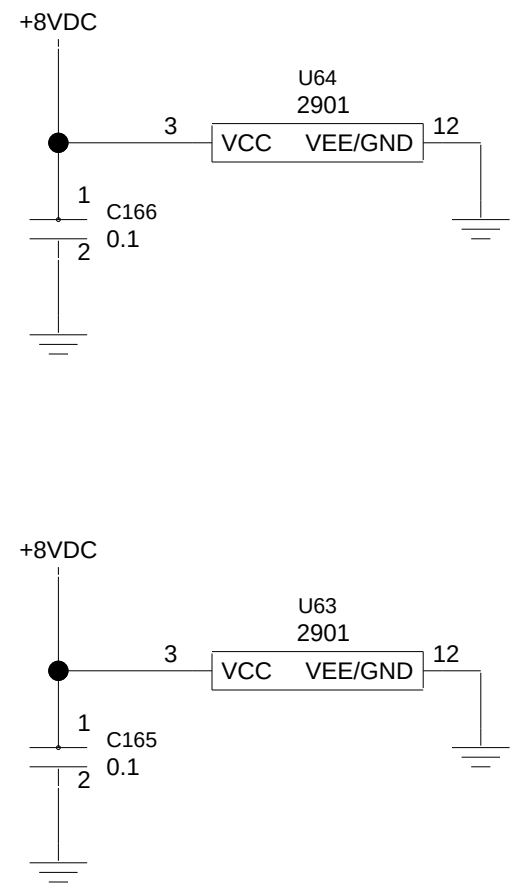
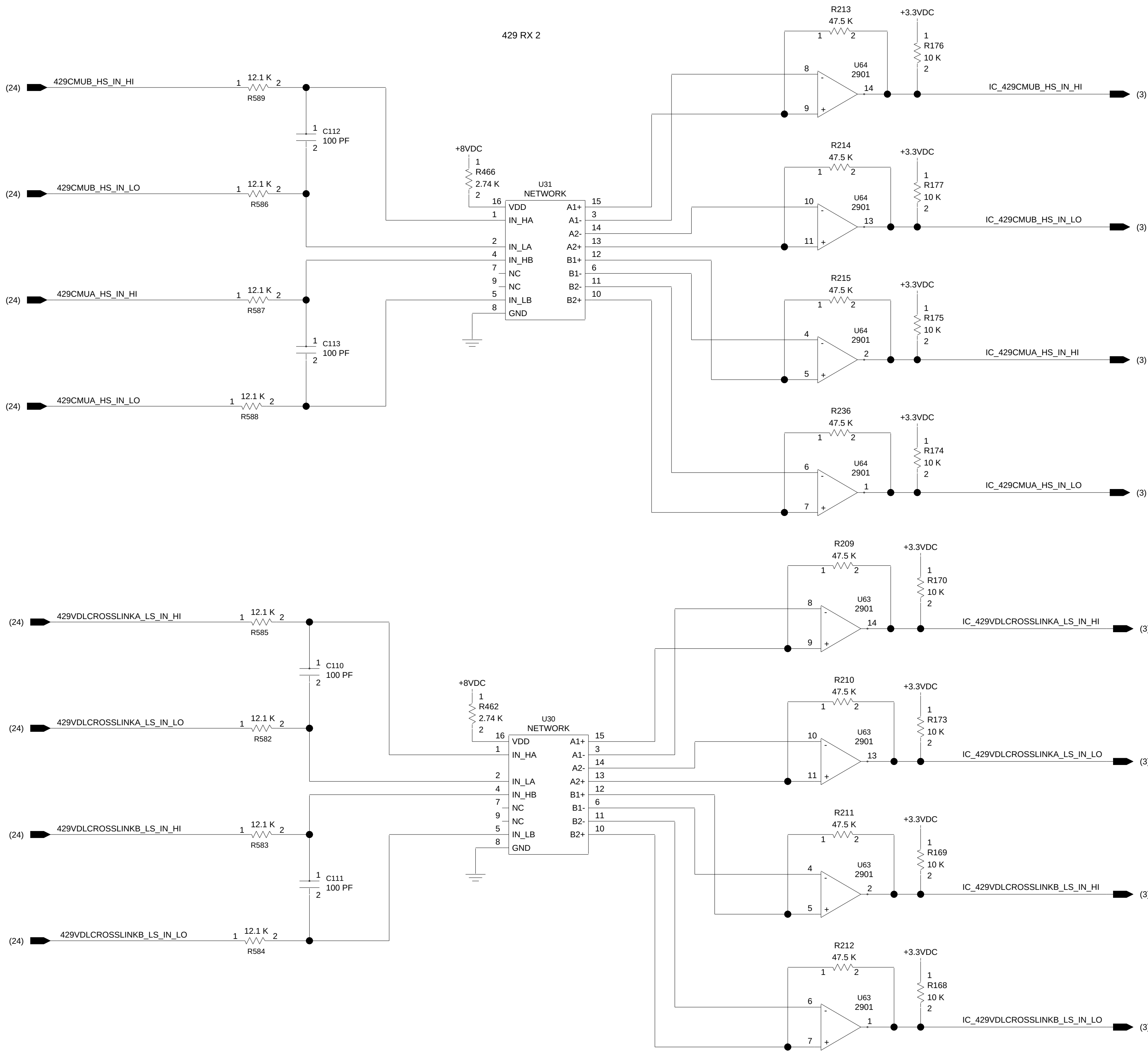


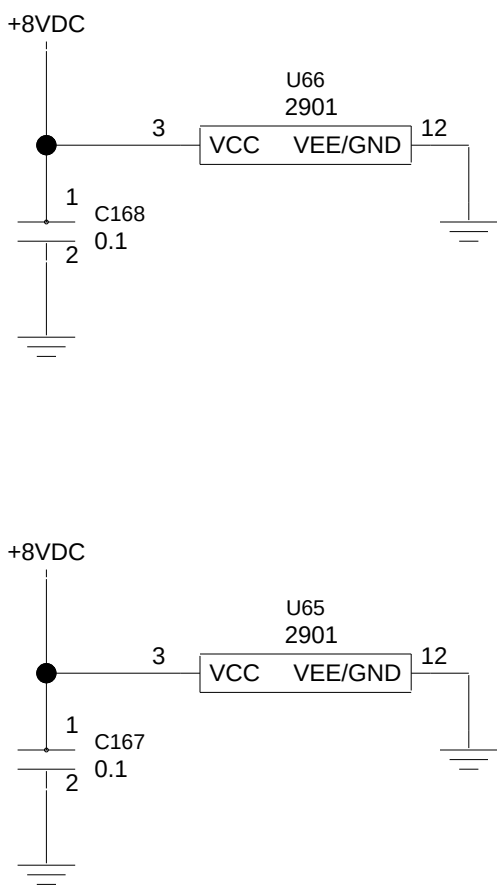
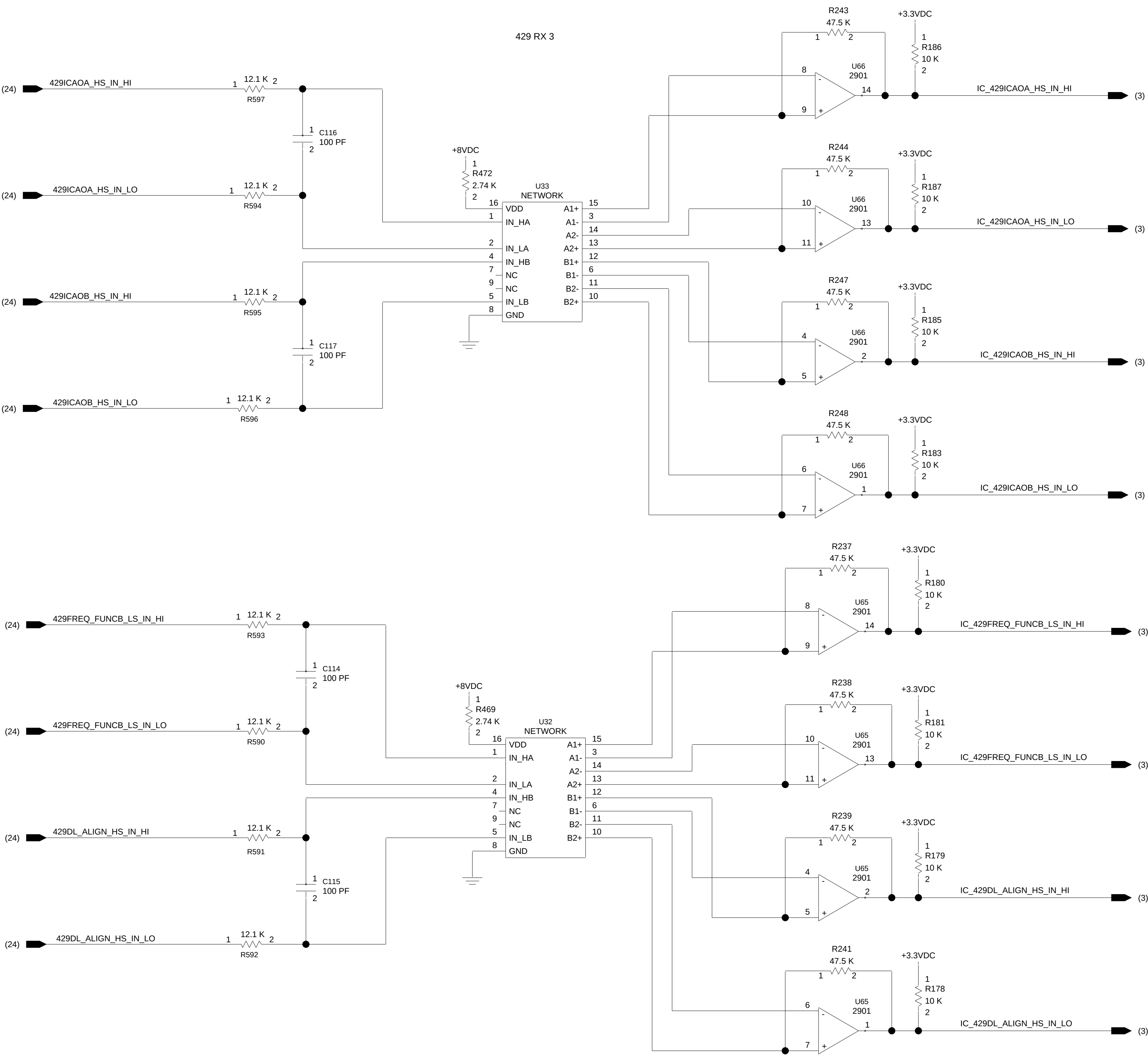


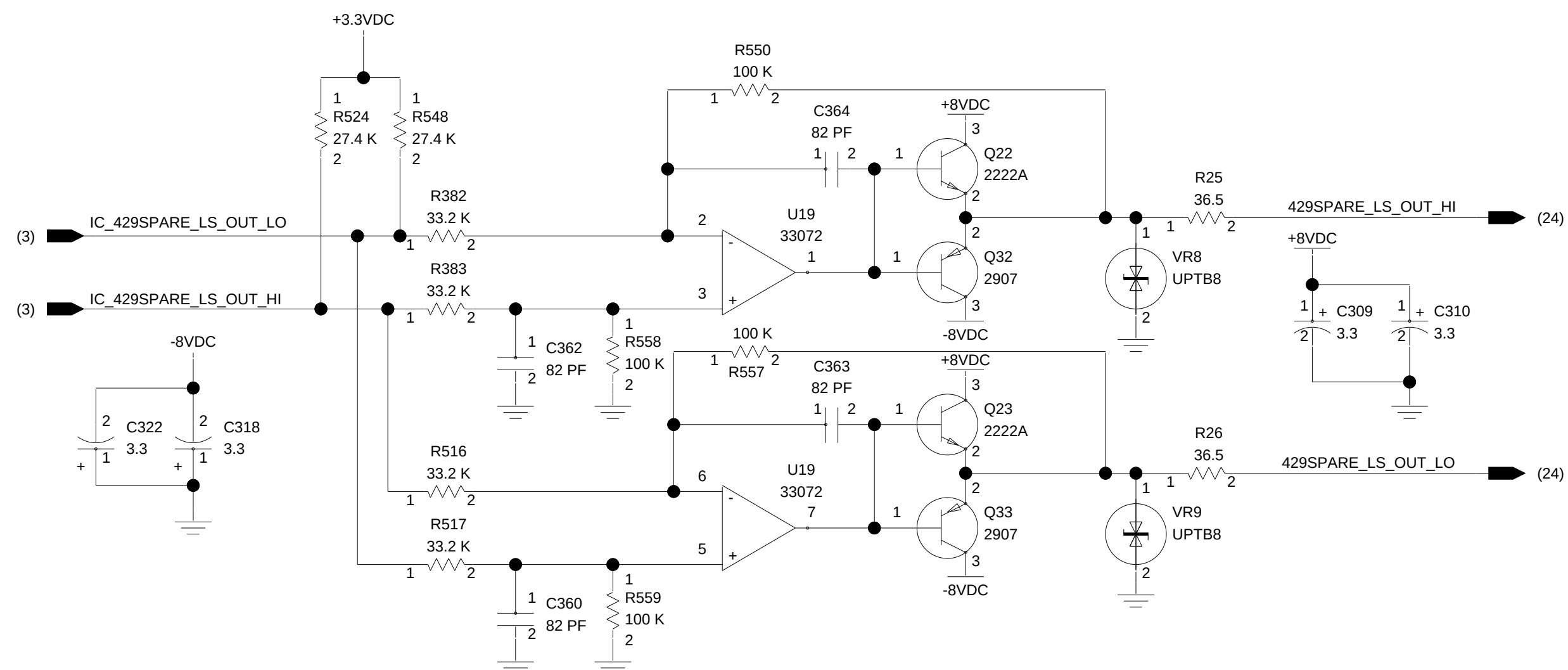
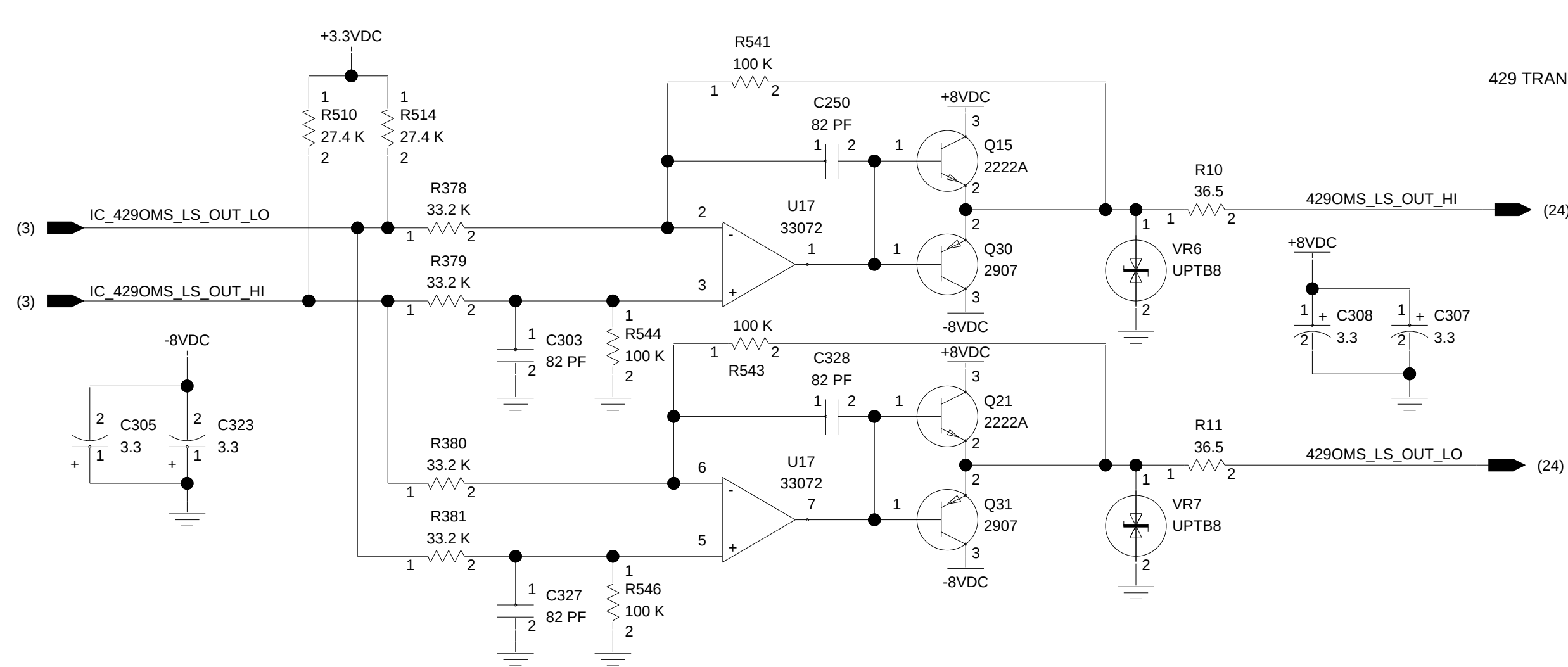




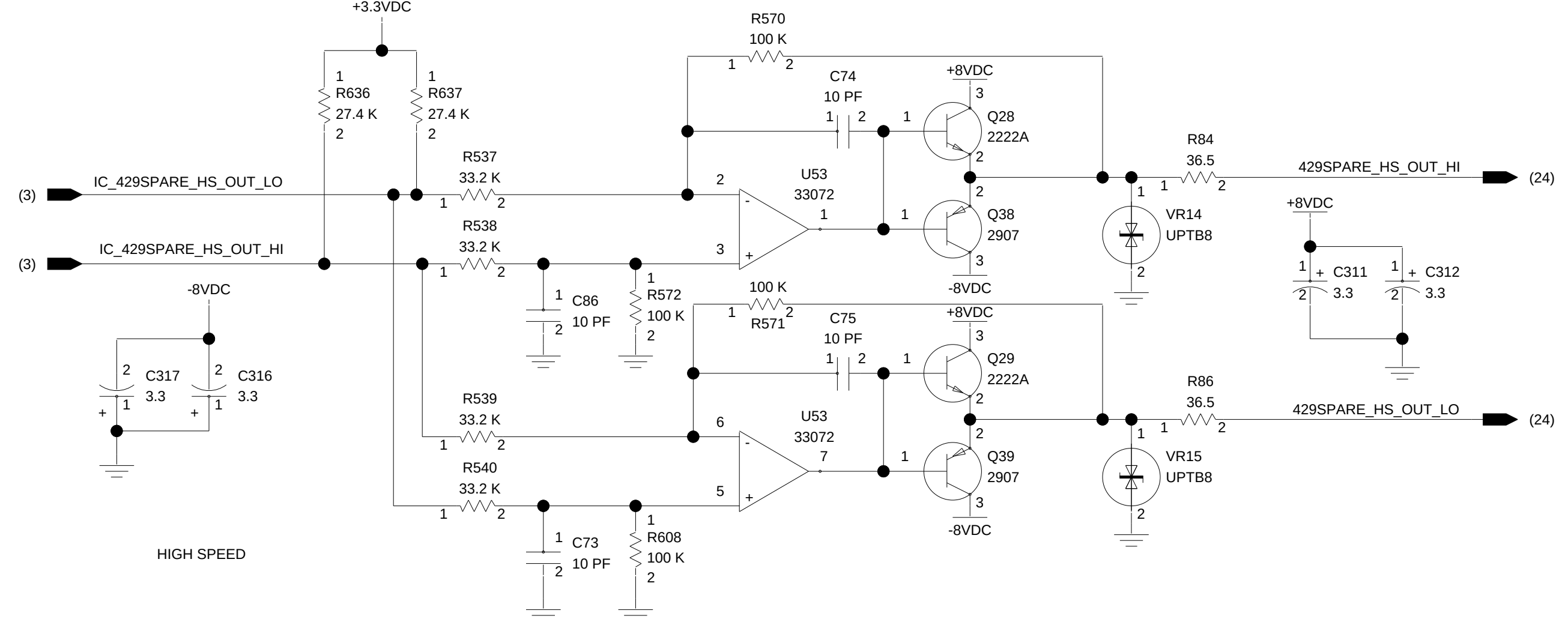
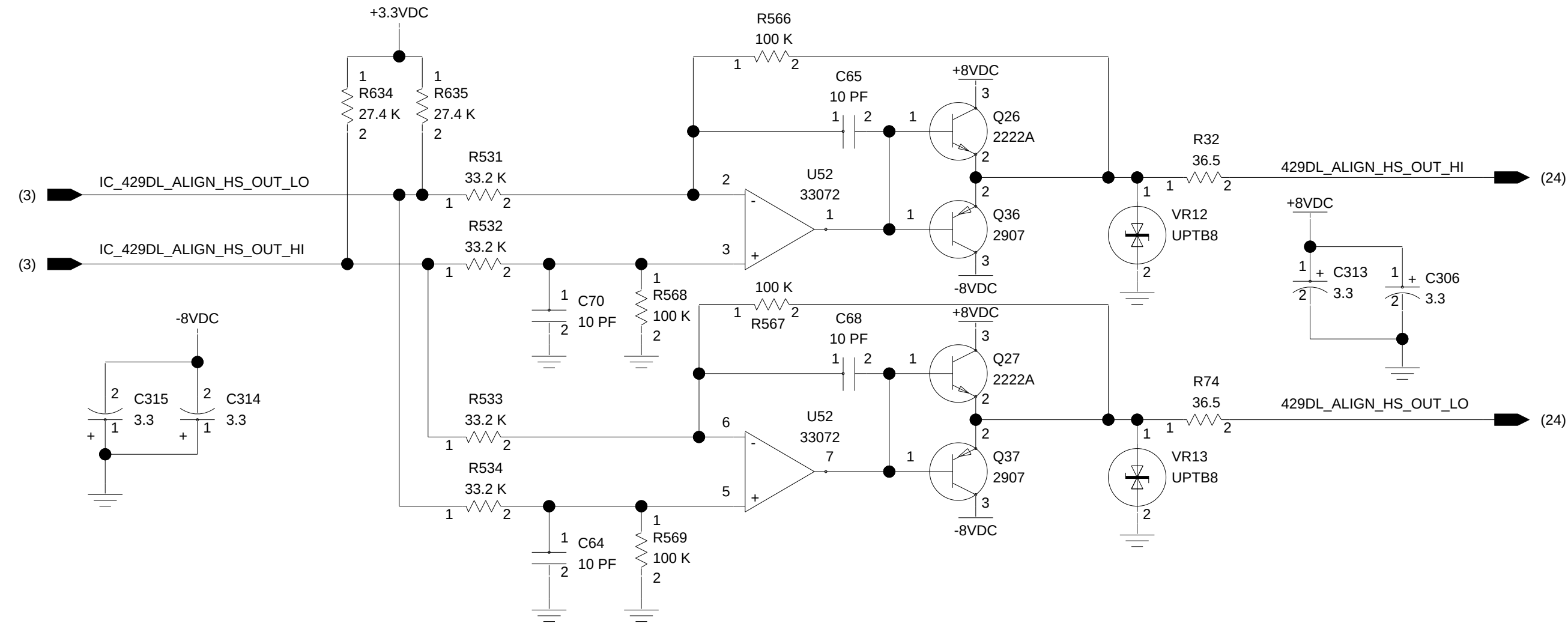
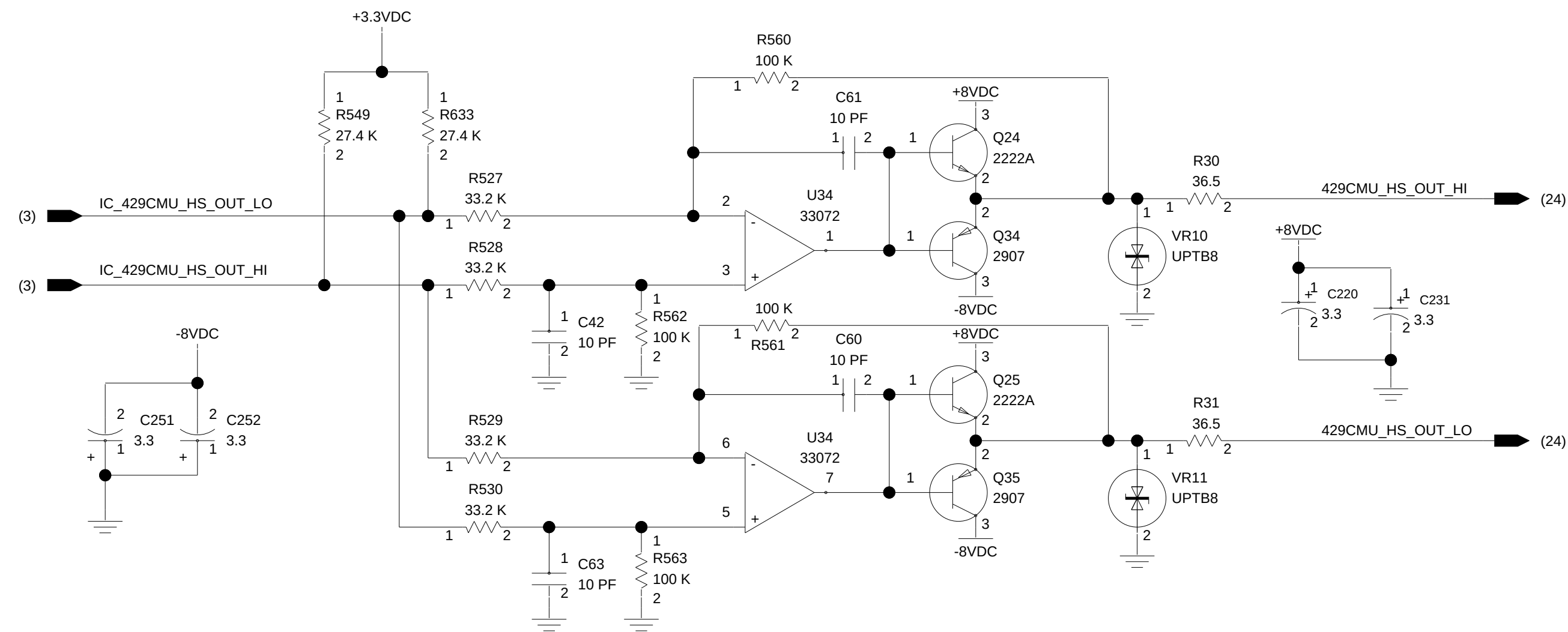
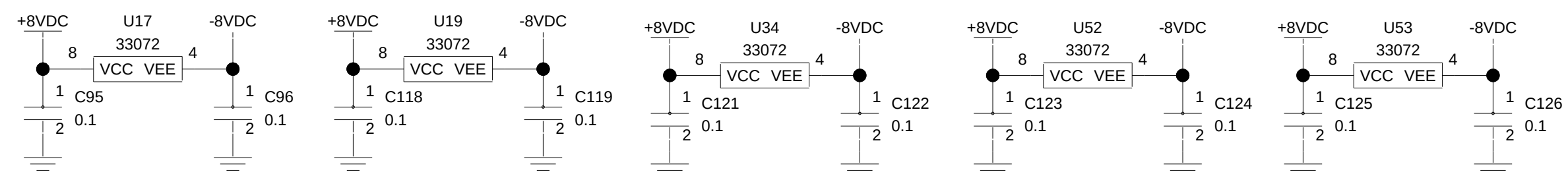






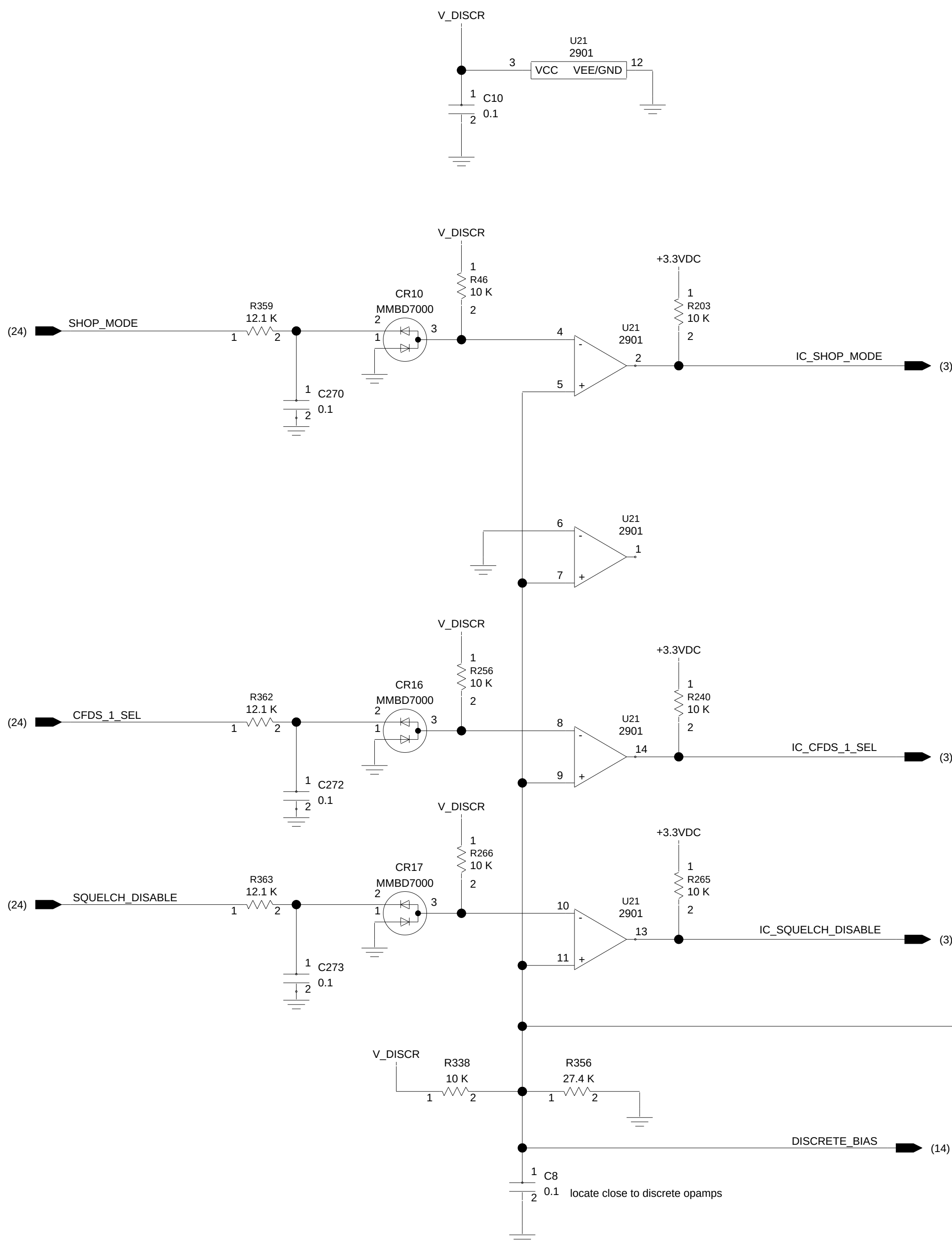


LOW SPEED

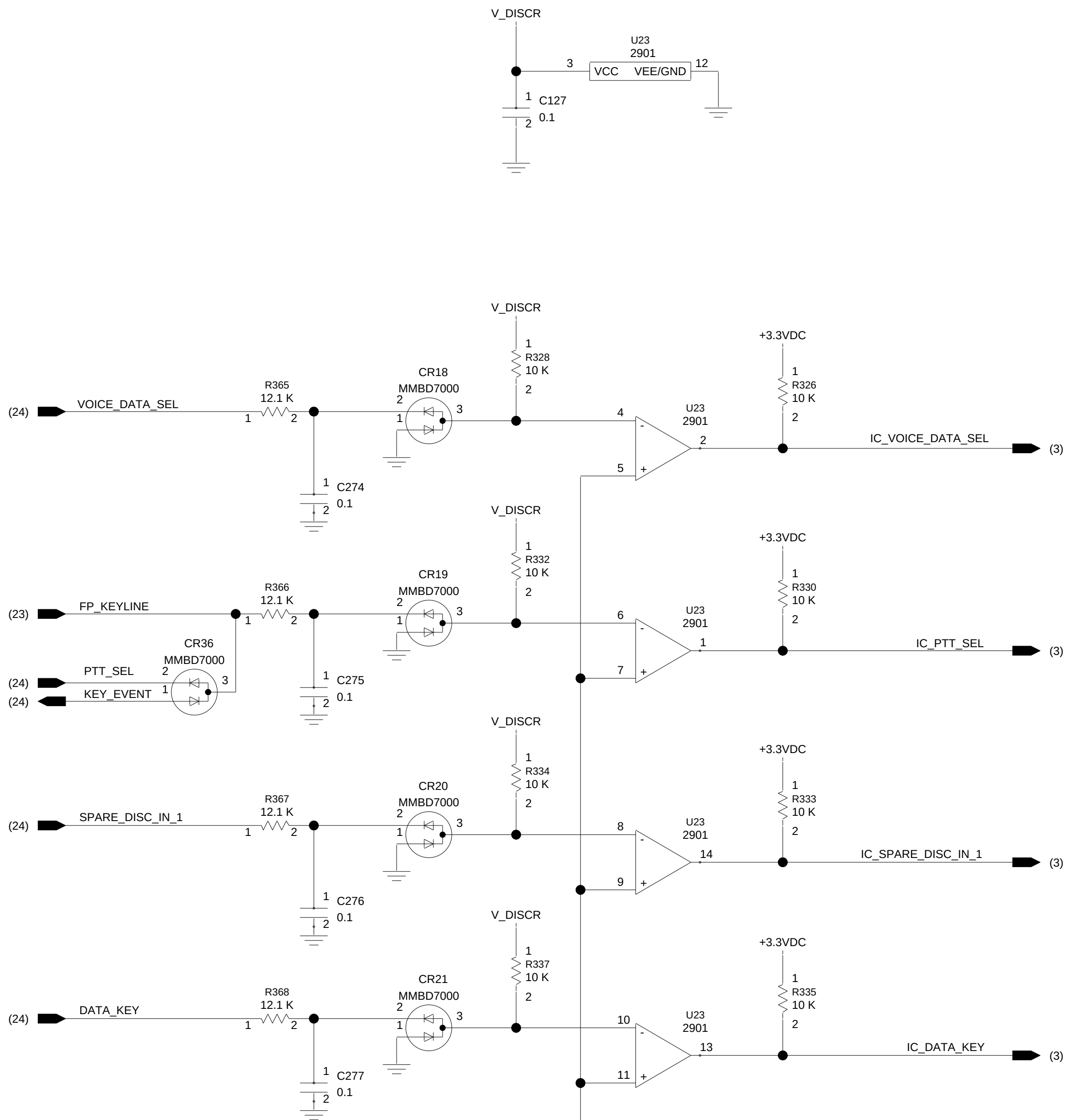


HIGH SPEED

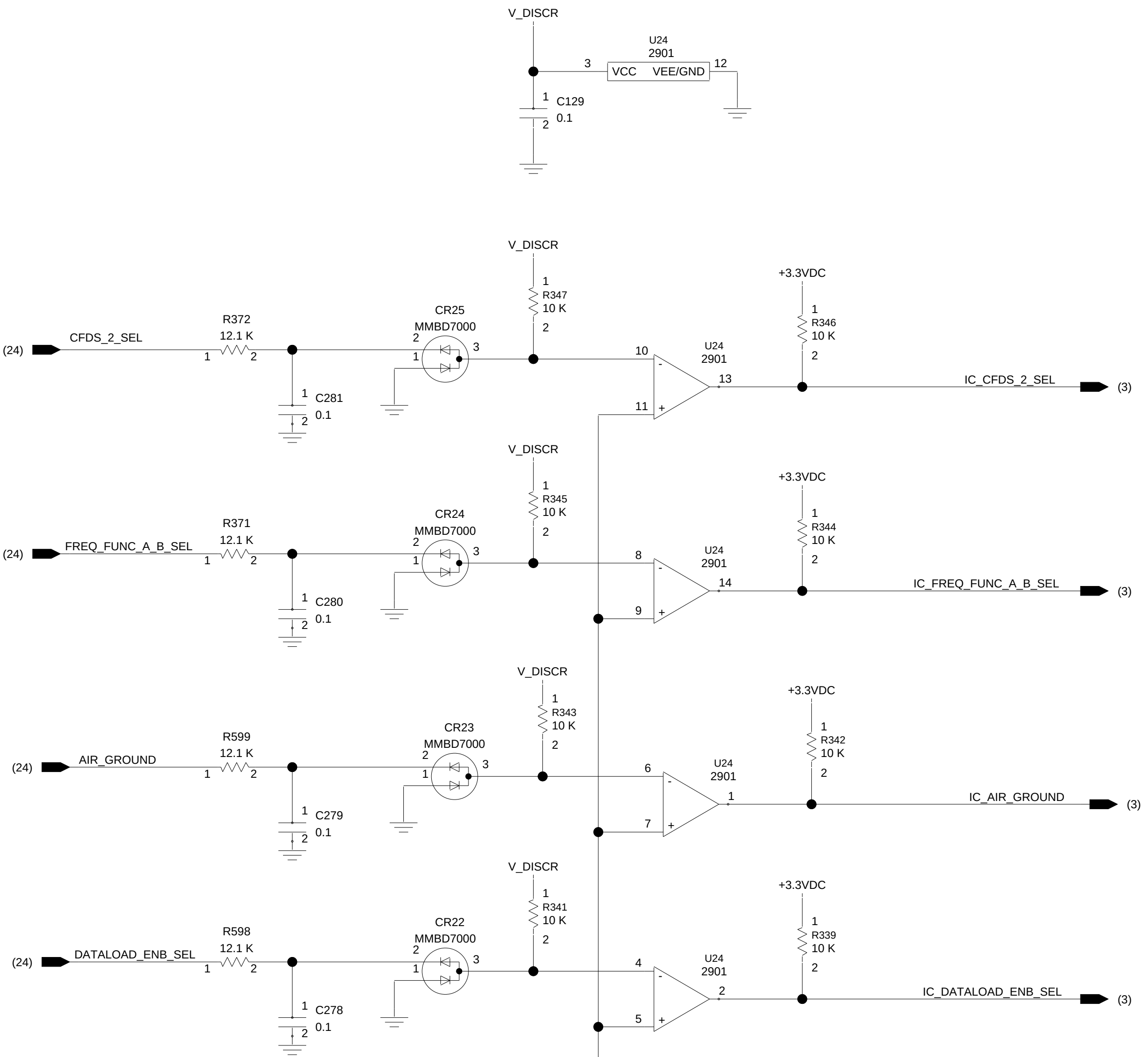
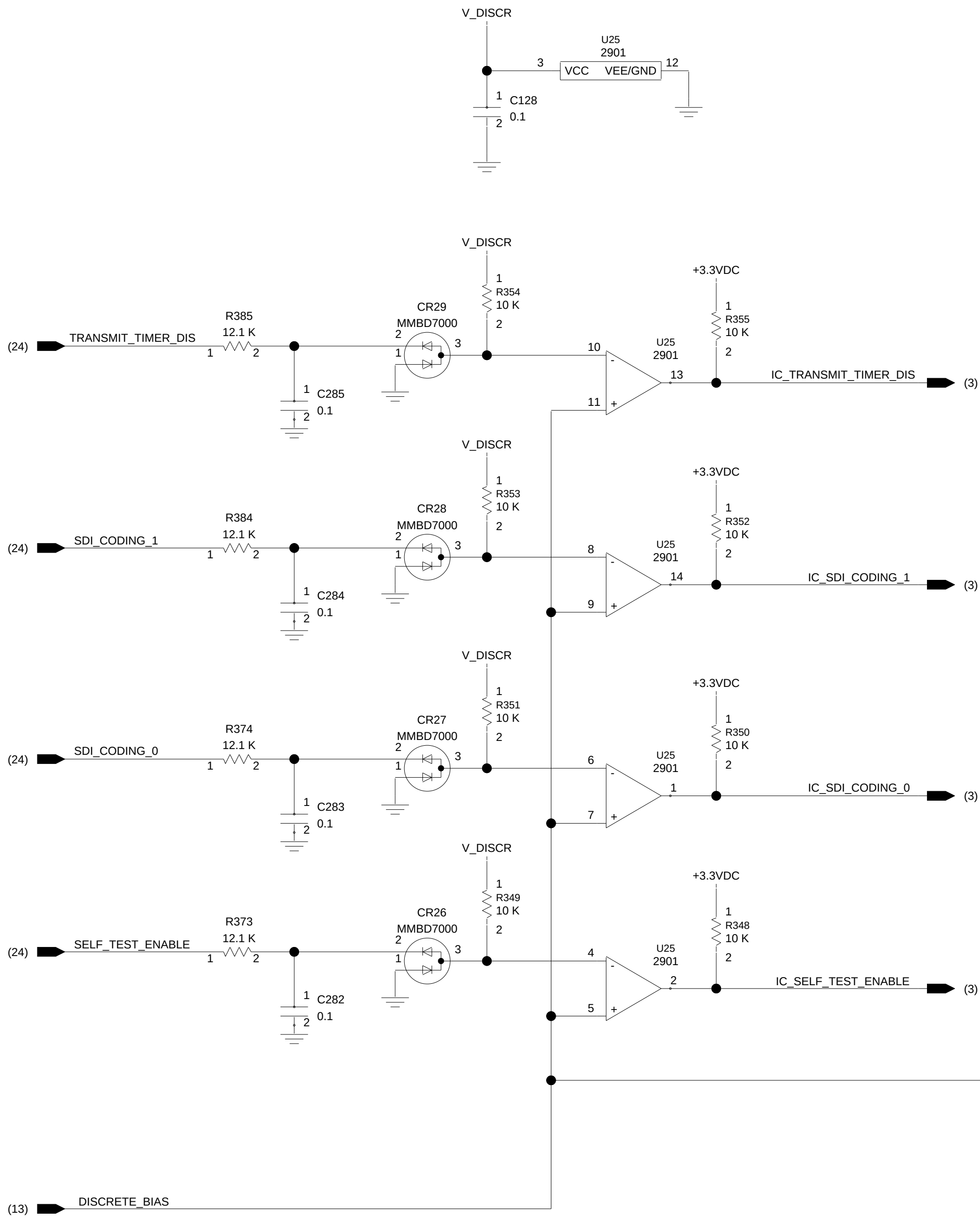
DISCRETE INPUTS 1



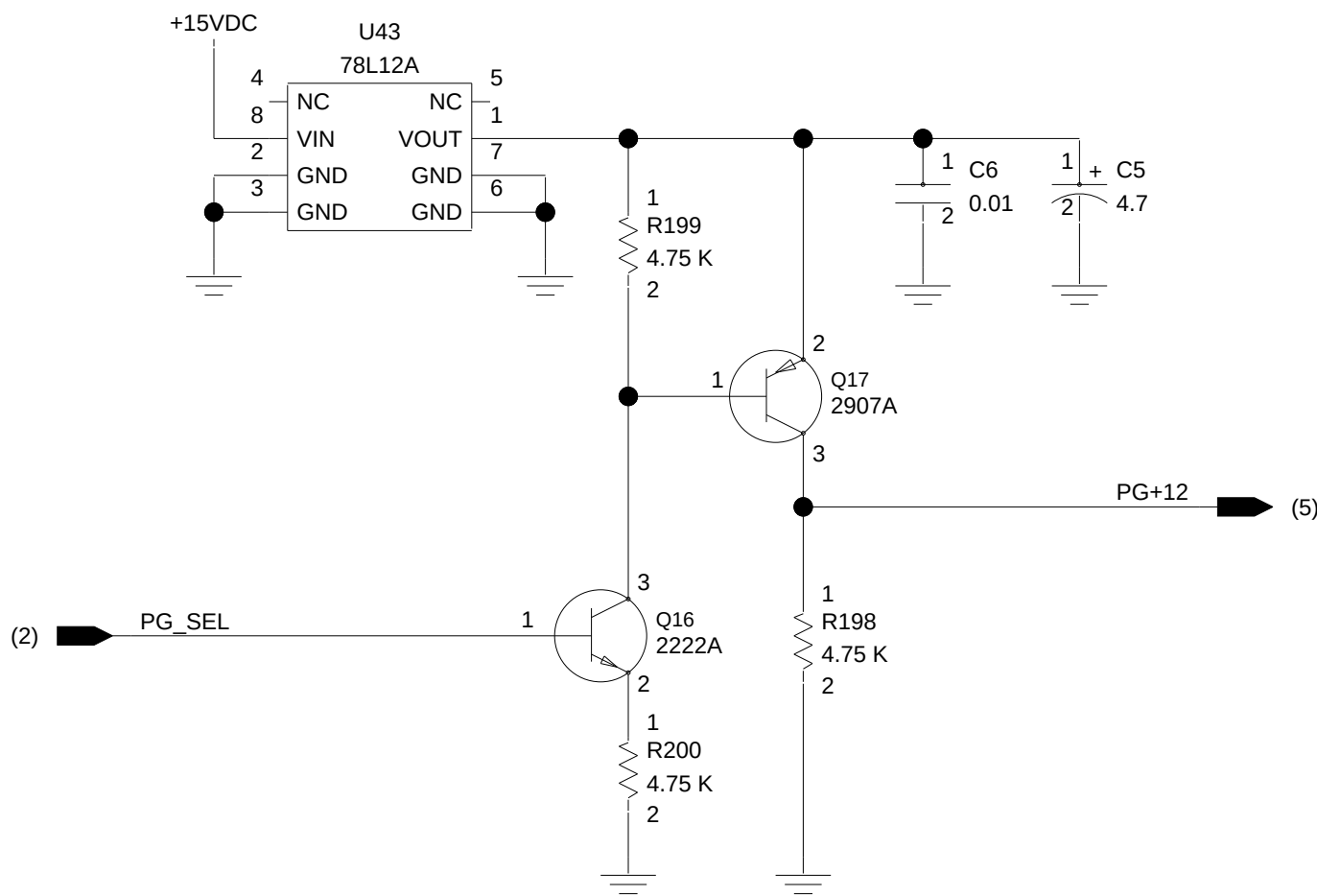
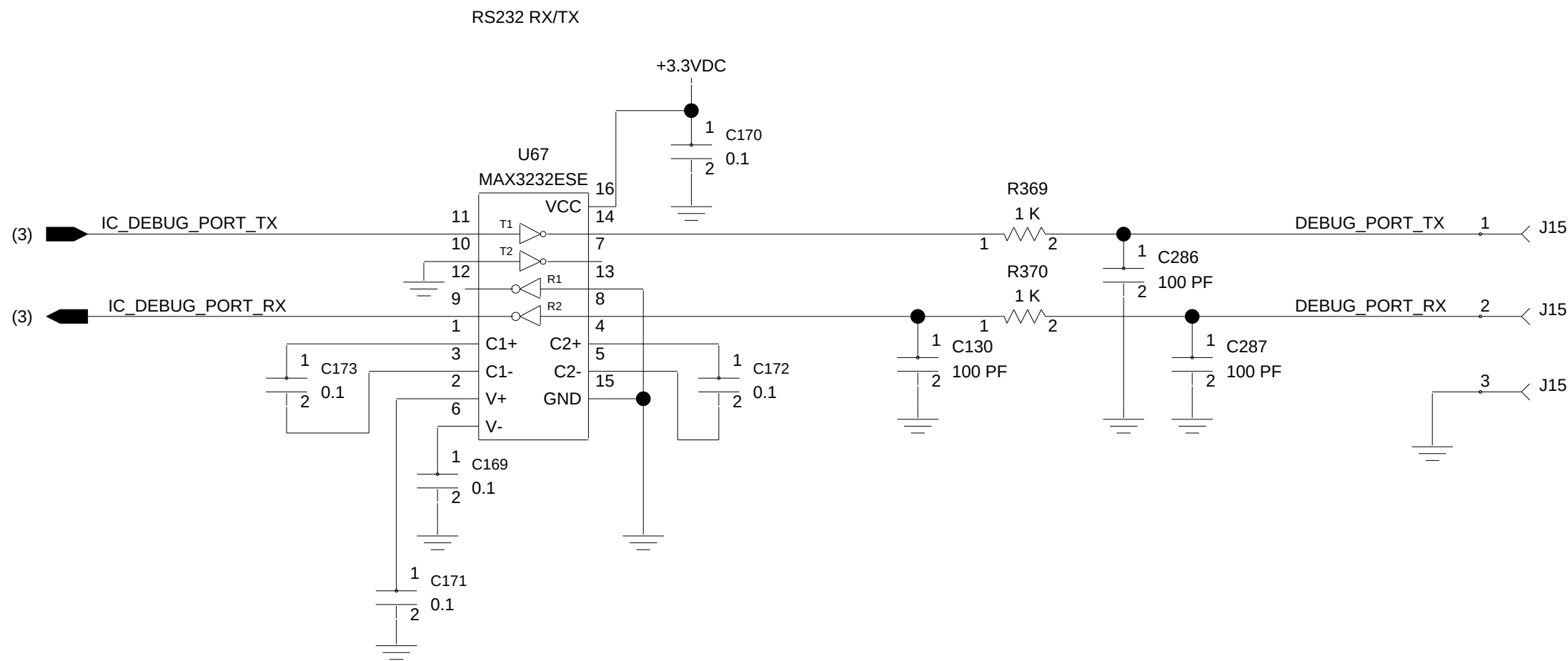
Note: Grounding a discrete creates a logic high "1" on the output



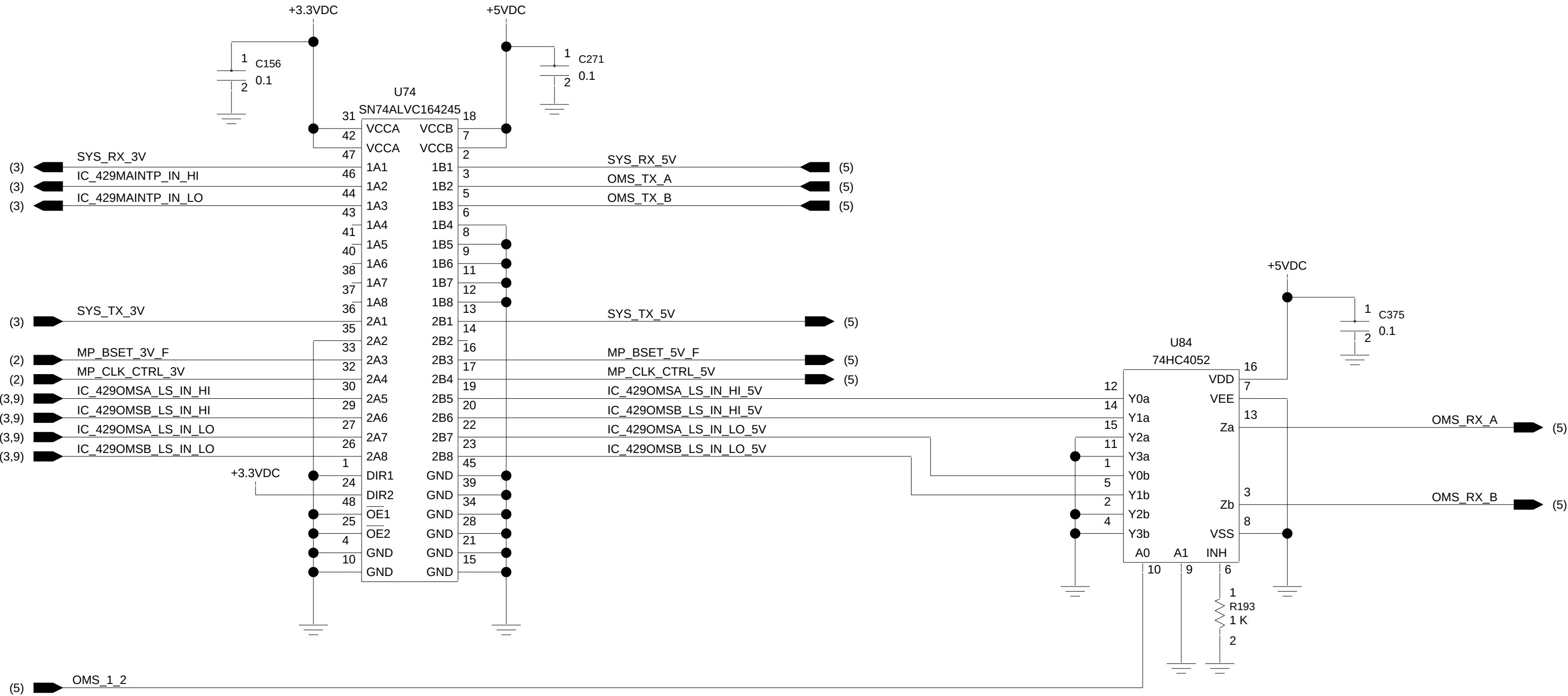
DISCRETE INPUTS 2



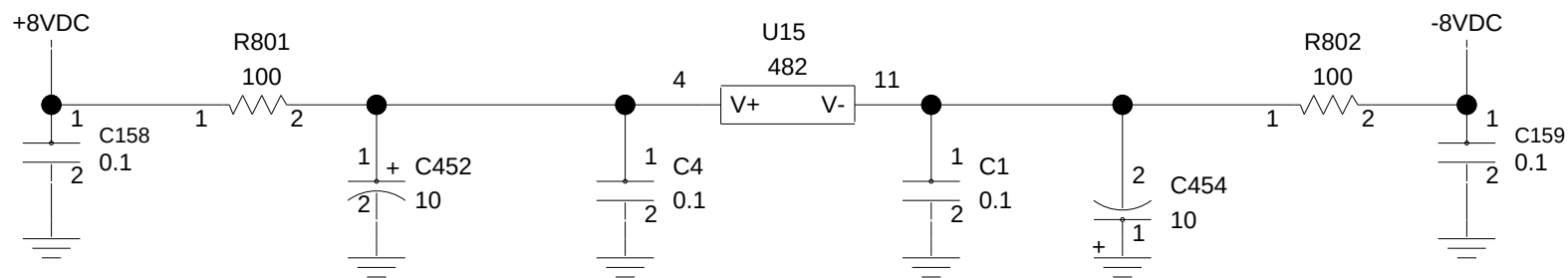
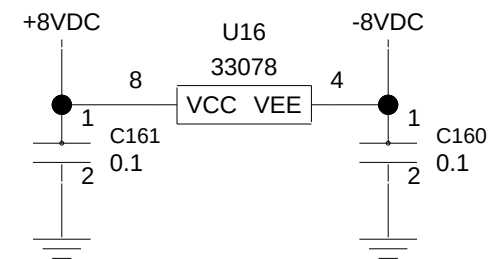
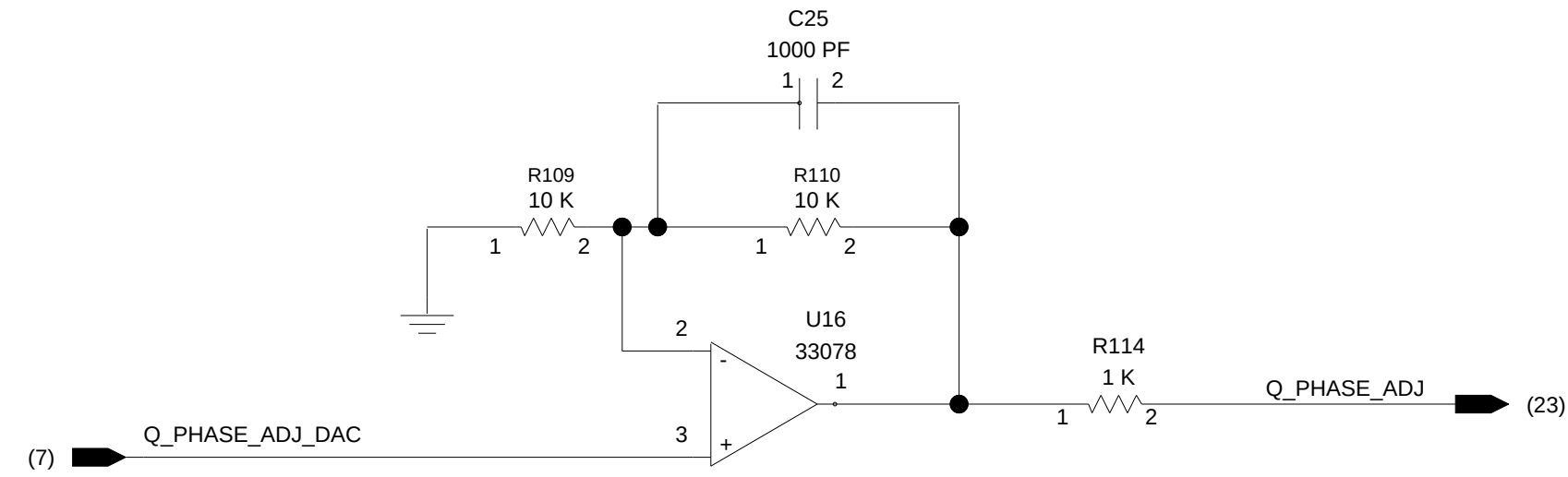
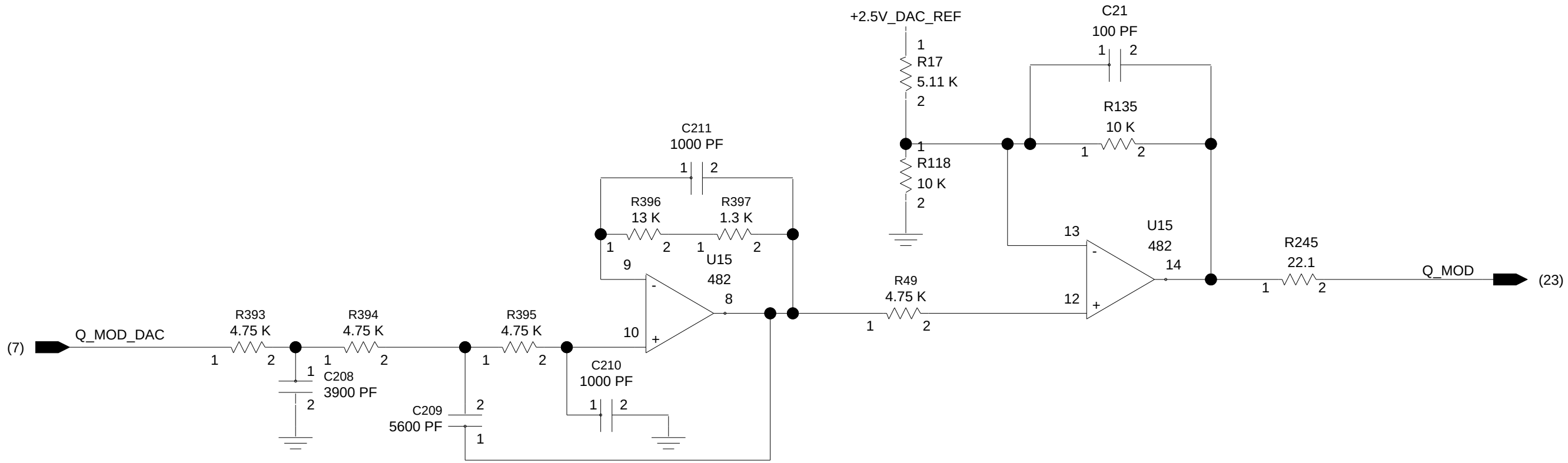
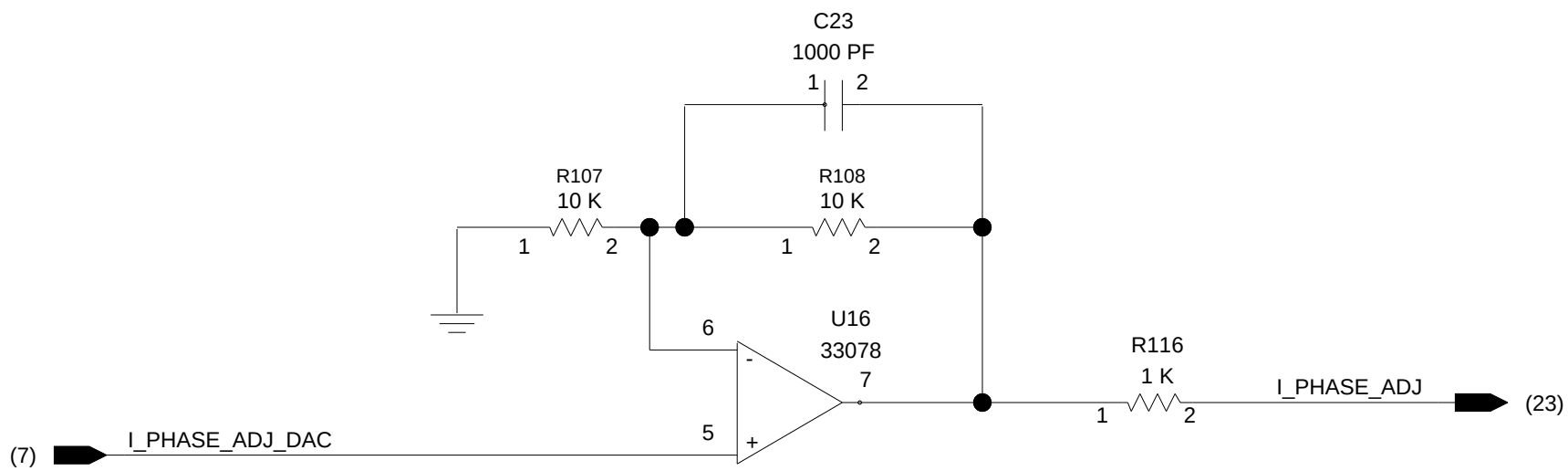
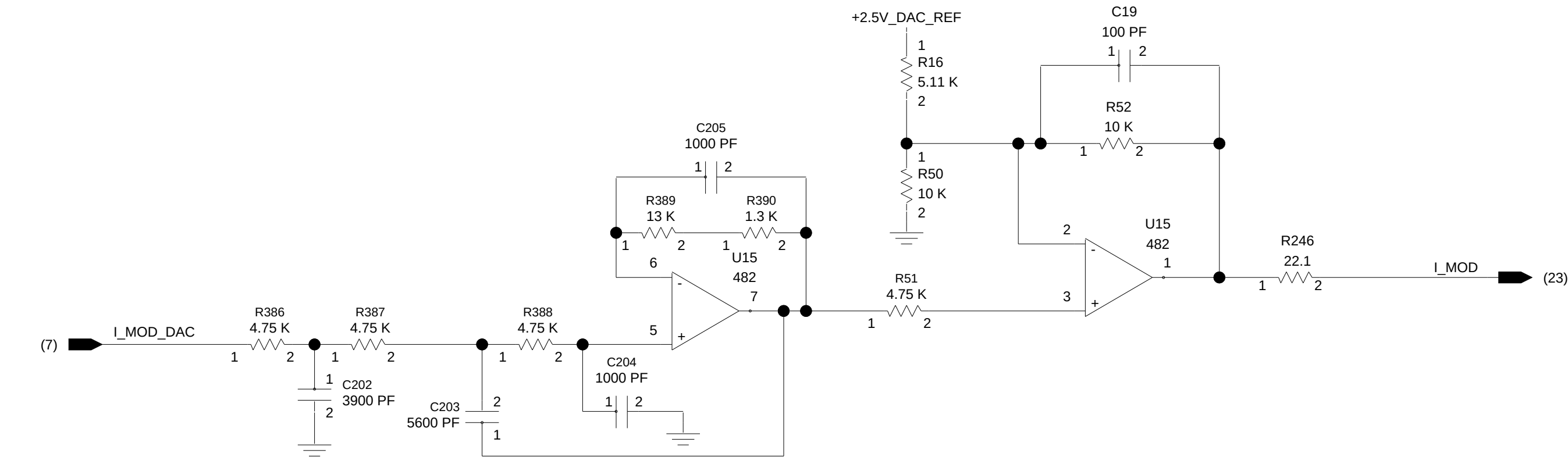
RS232 RX TX, VOLTAGE LEVEL SHIFT, +12Vpp for Flash programming



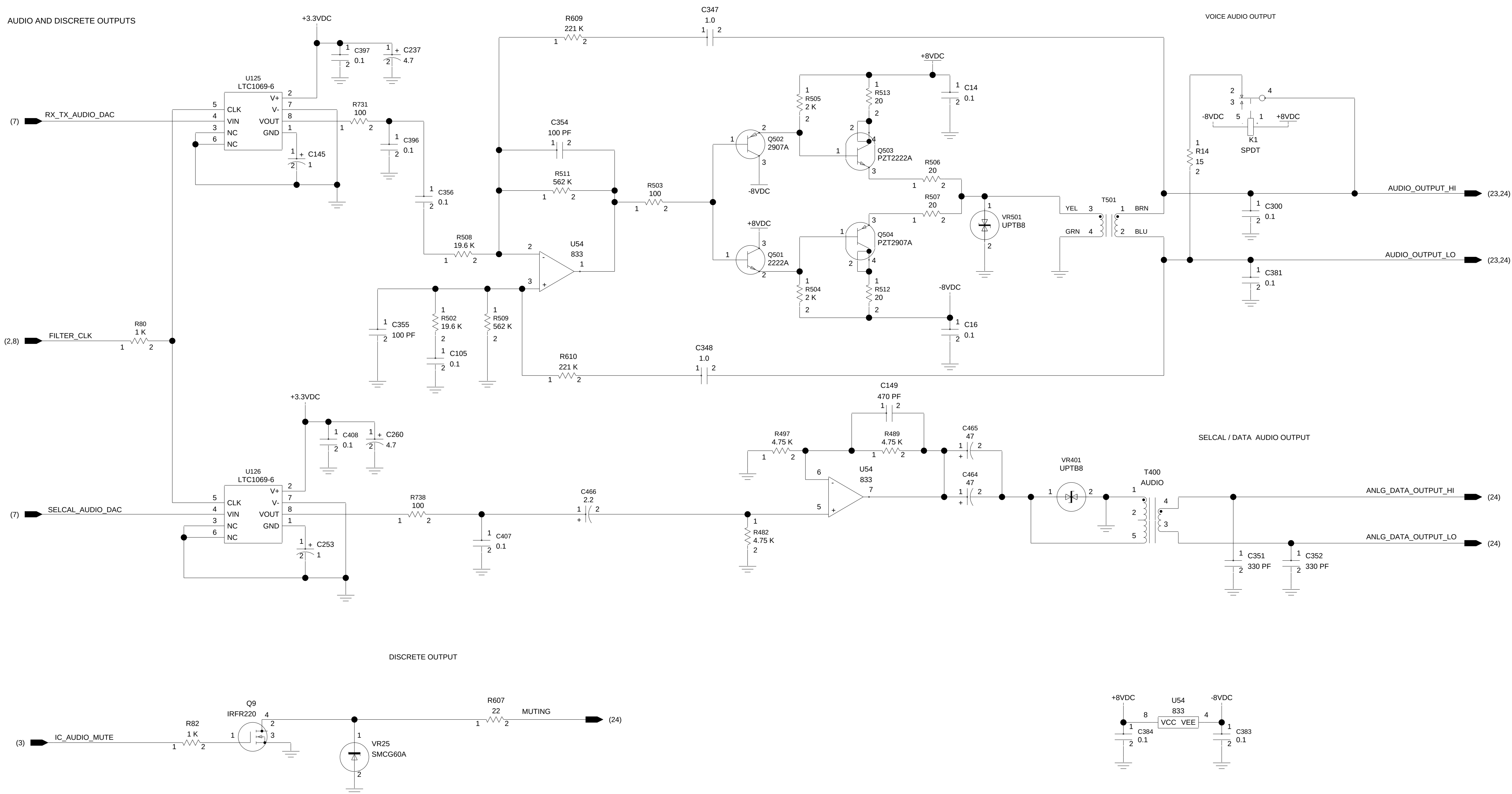
SNOOPY MAINTP voltage level shift



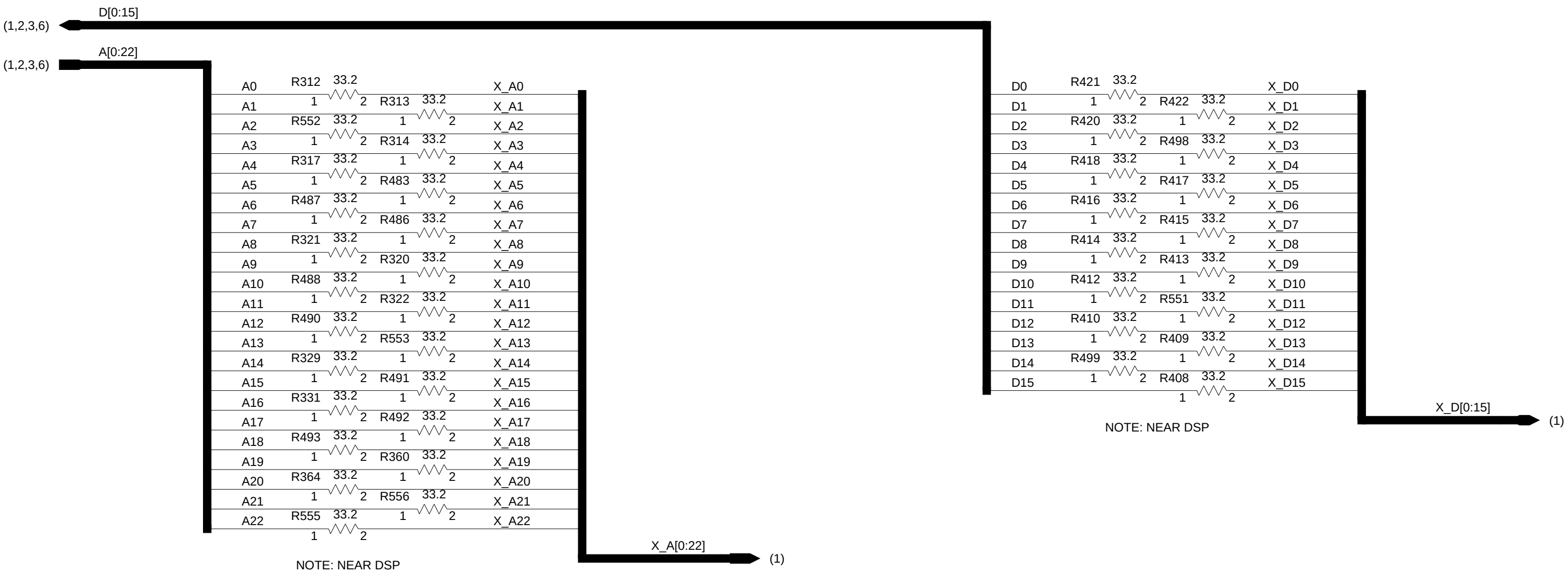
IQ level translators

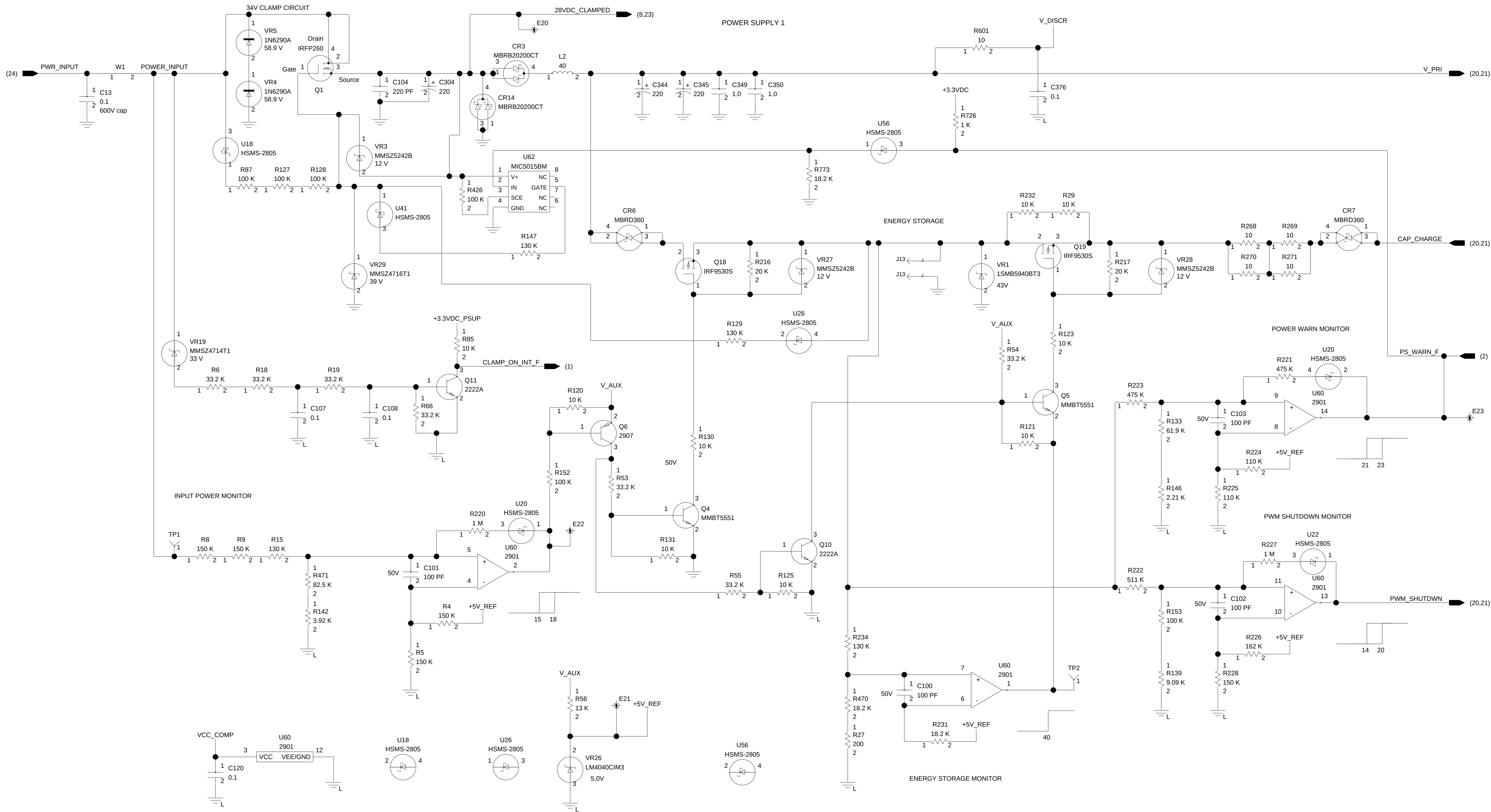


AUDIO AND DISCRETE OUTPUTS

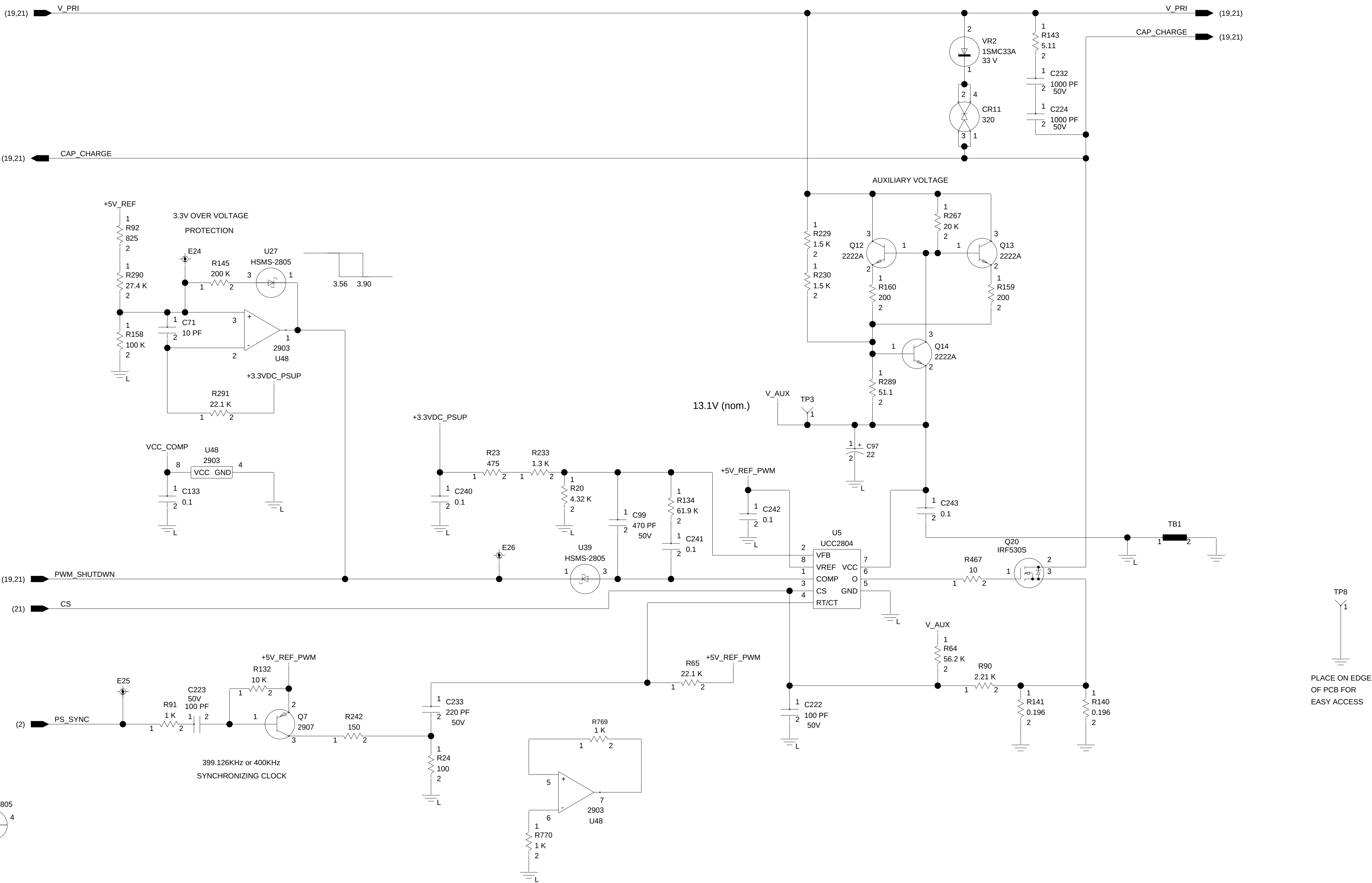


ADDRESS AND DATA BUSES

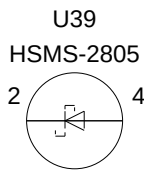
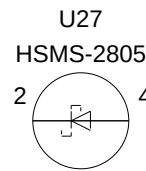




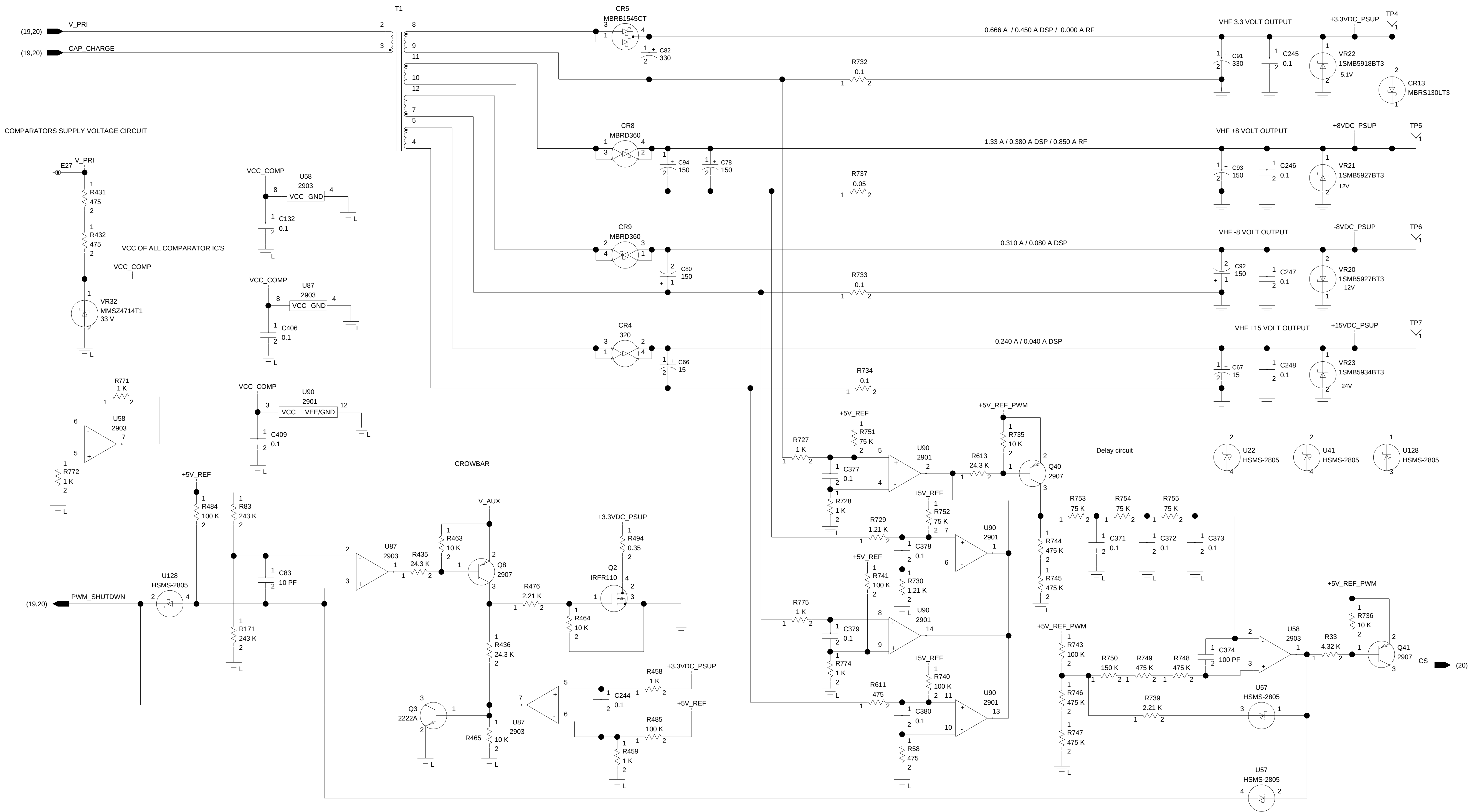
POWER SUPPLY 2



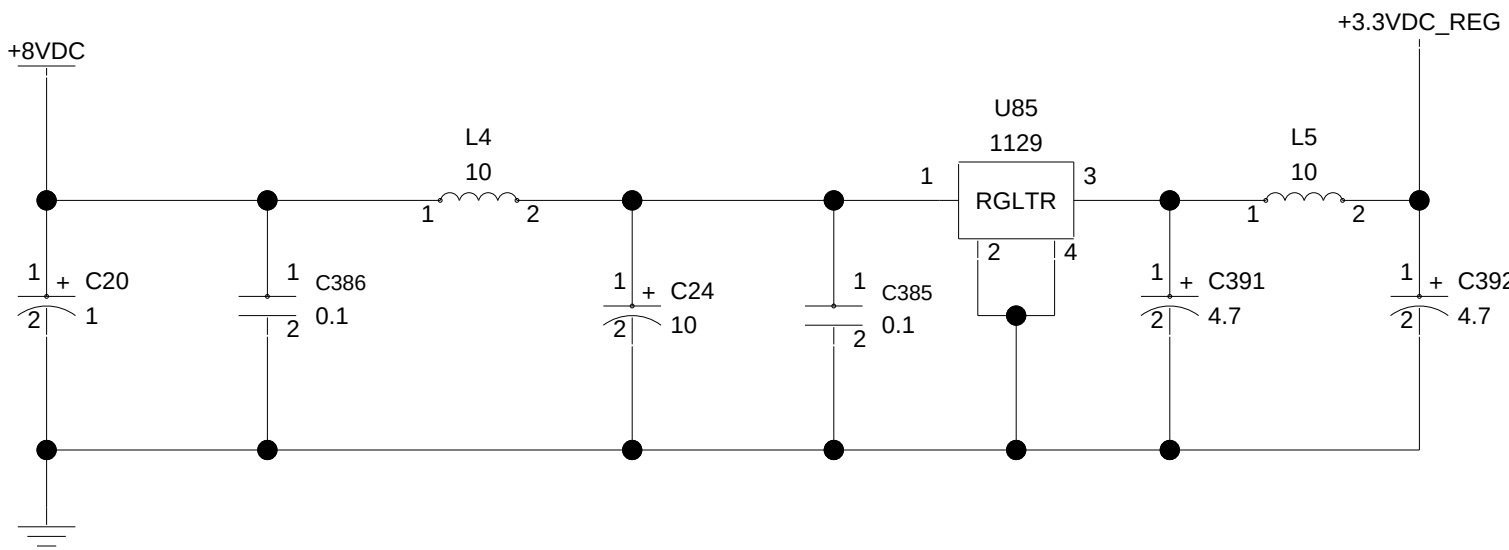
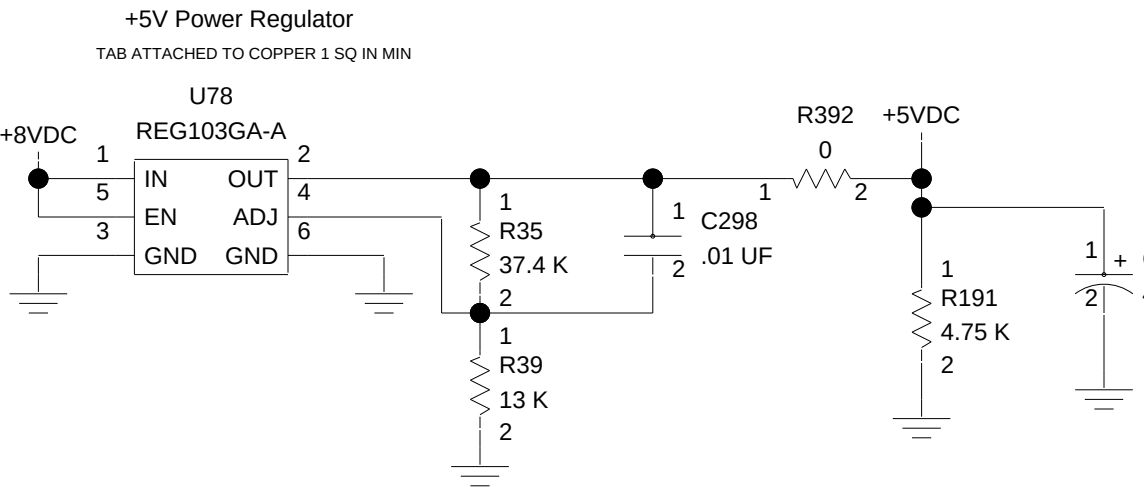
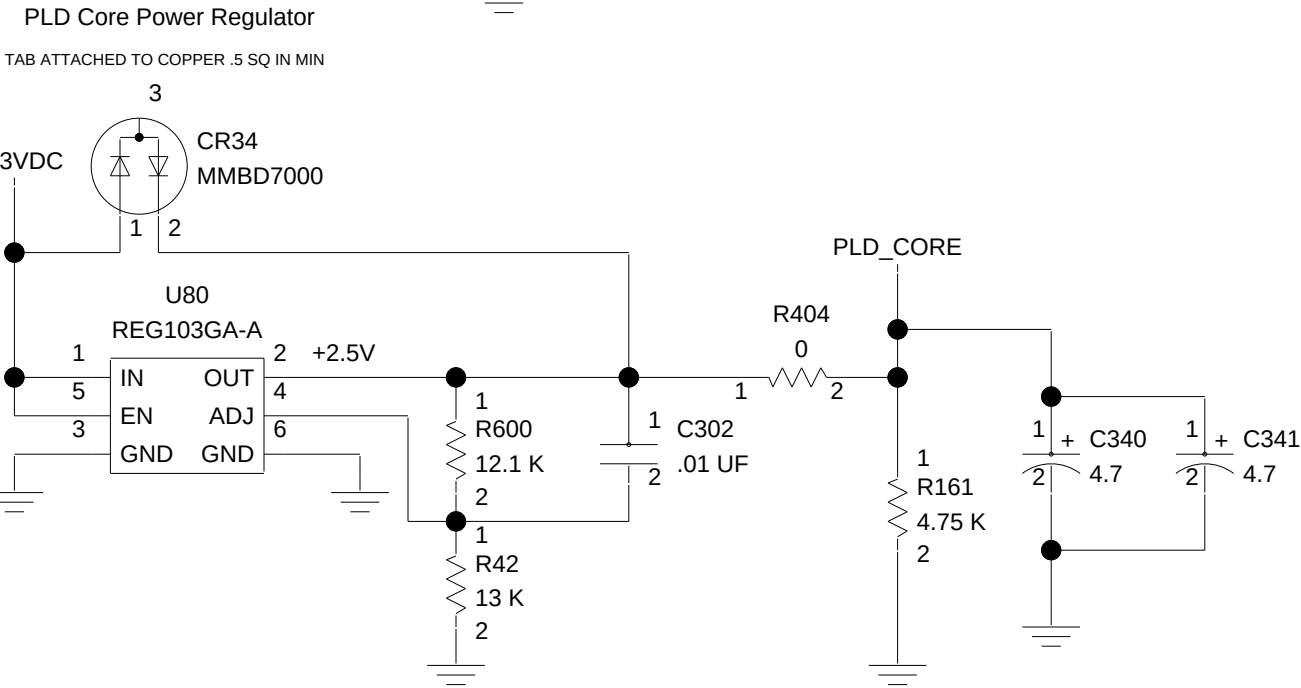
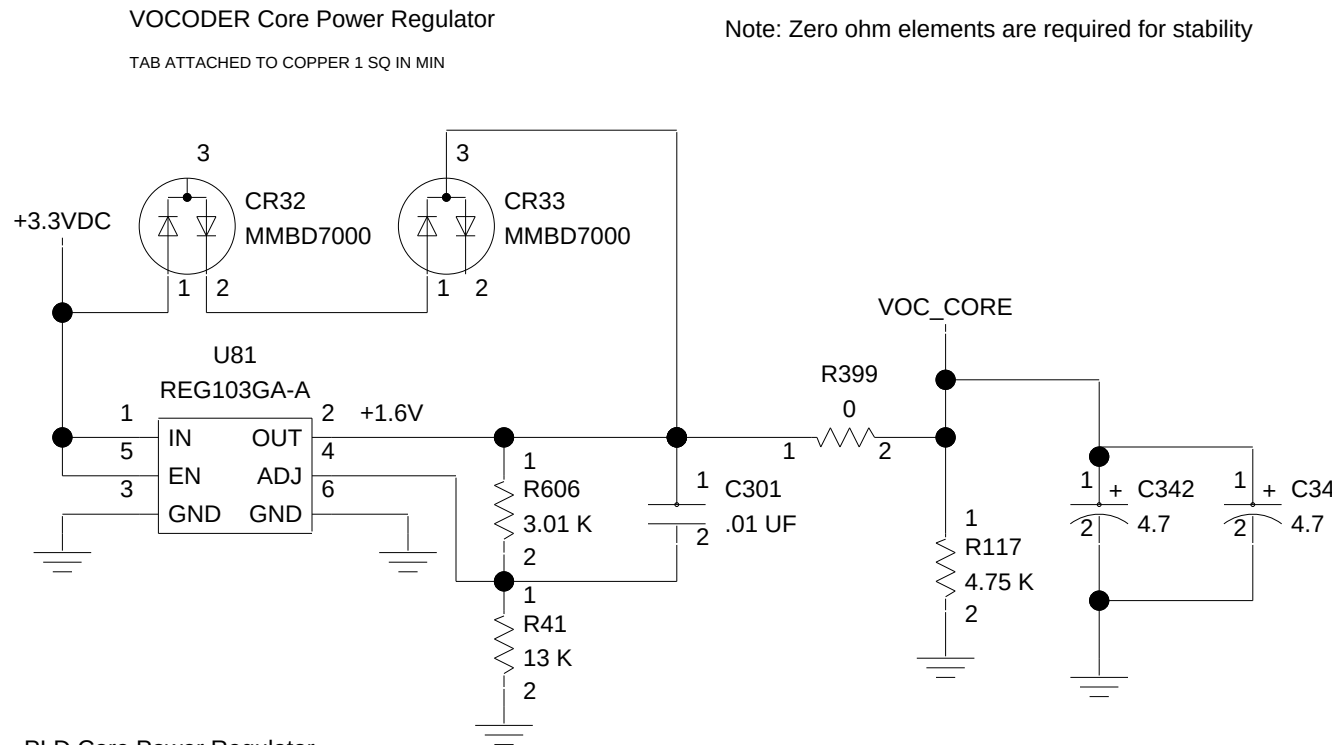
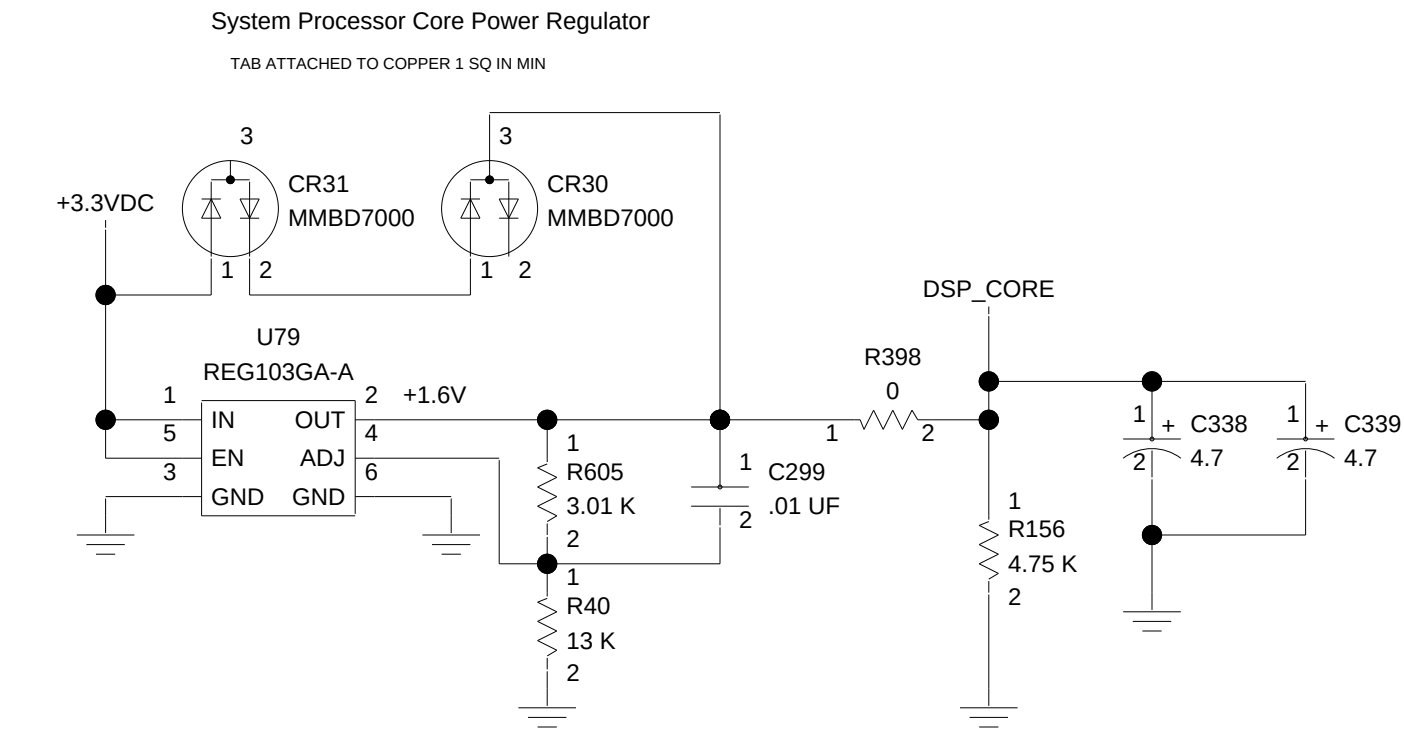
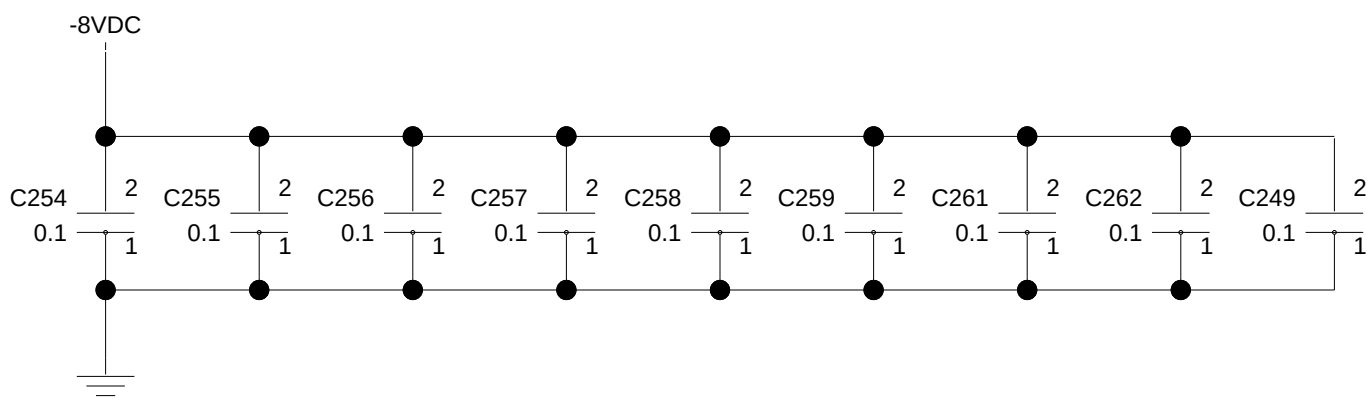
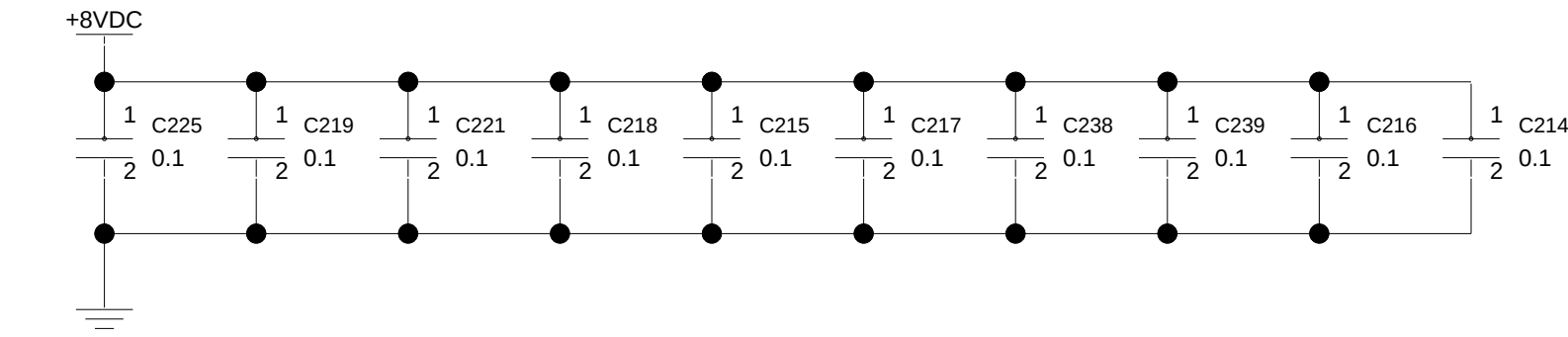
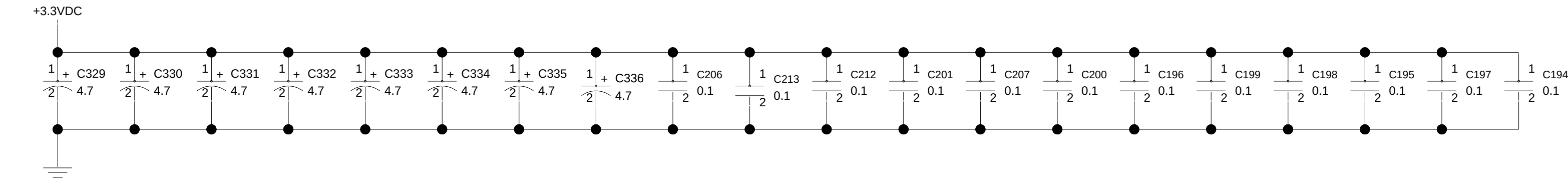
TP8
PLACE ON EDGE
OF PCB FOR
EASY ACCESS



POWER SUPPLY 3



FILTER CAPS AND POWER REGULATORS

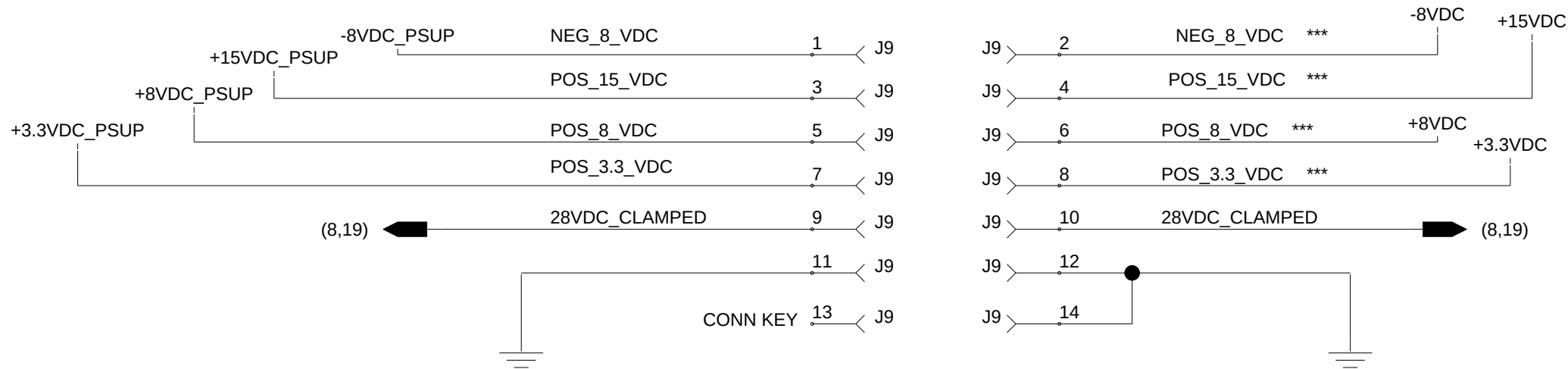


CONNECTOR 1

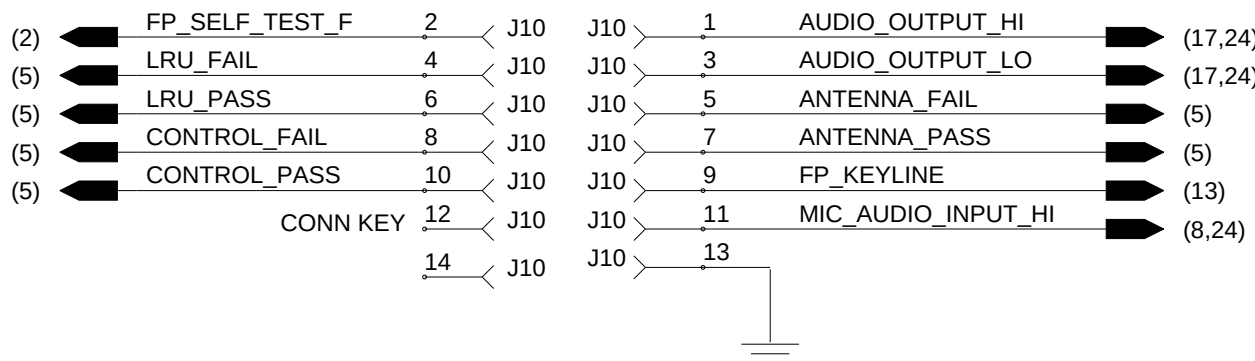
FROM POWER SUPPLY TO RF MODULE

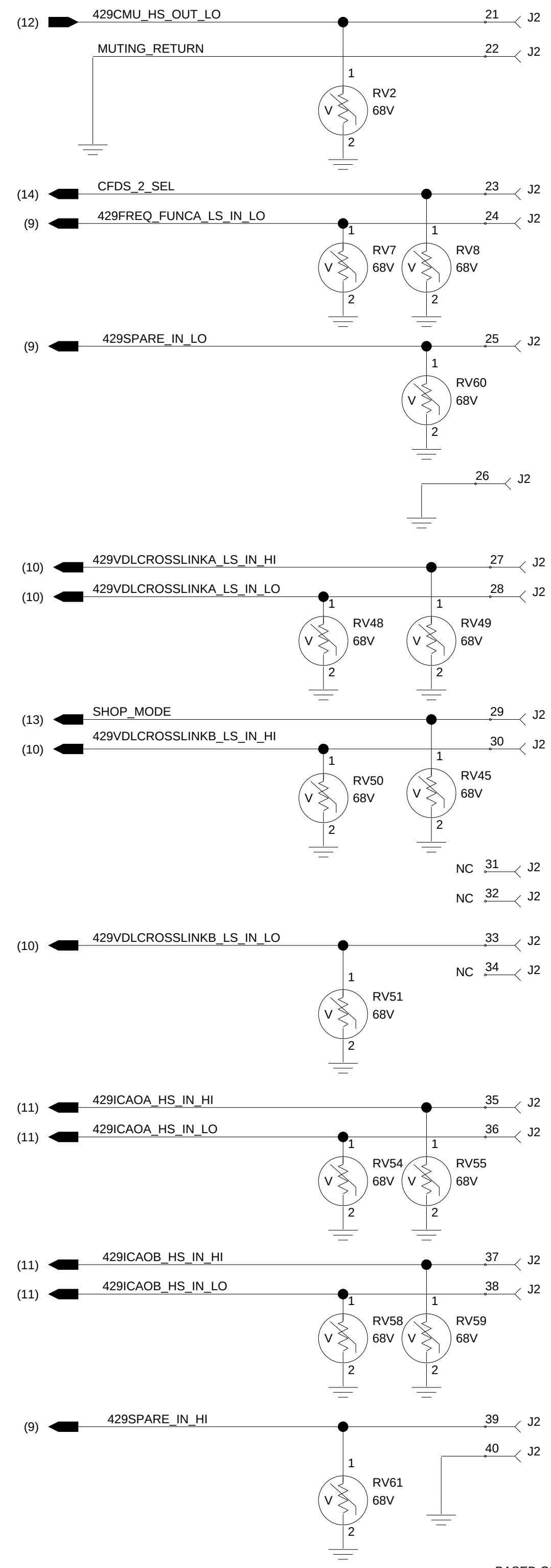
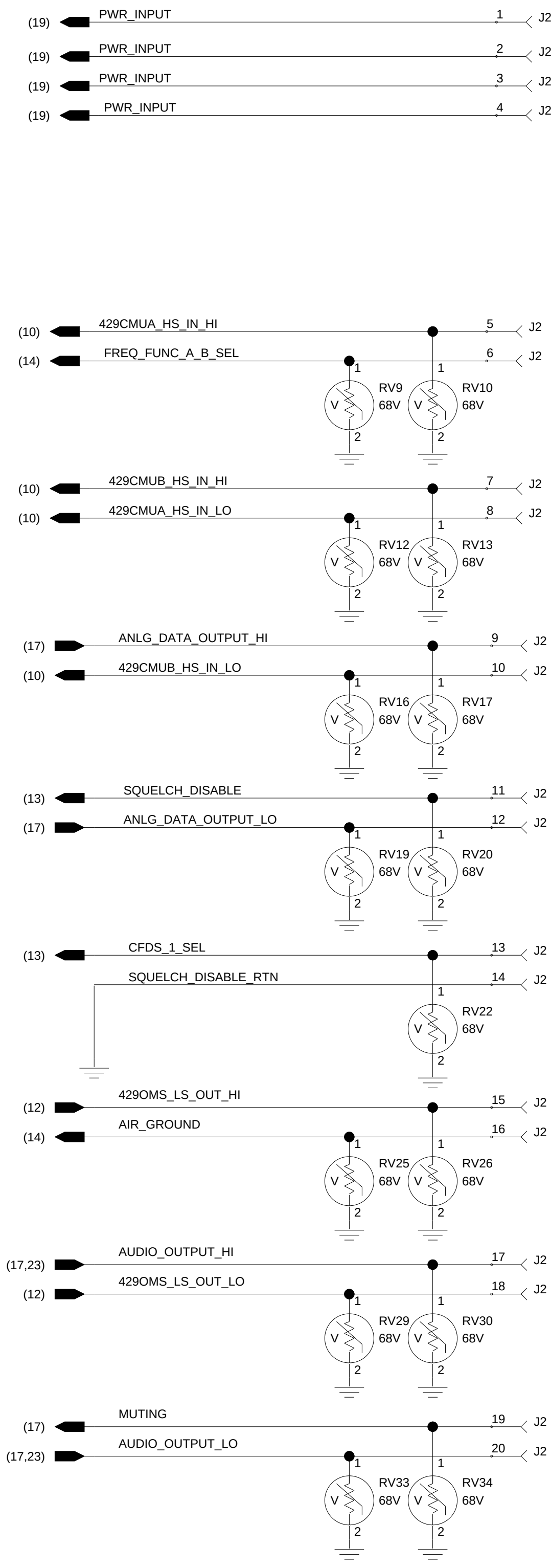


*** RF MODULE LOOP AROUND



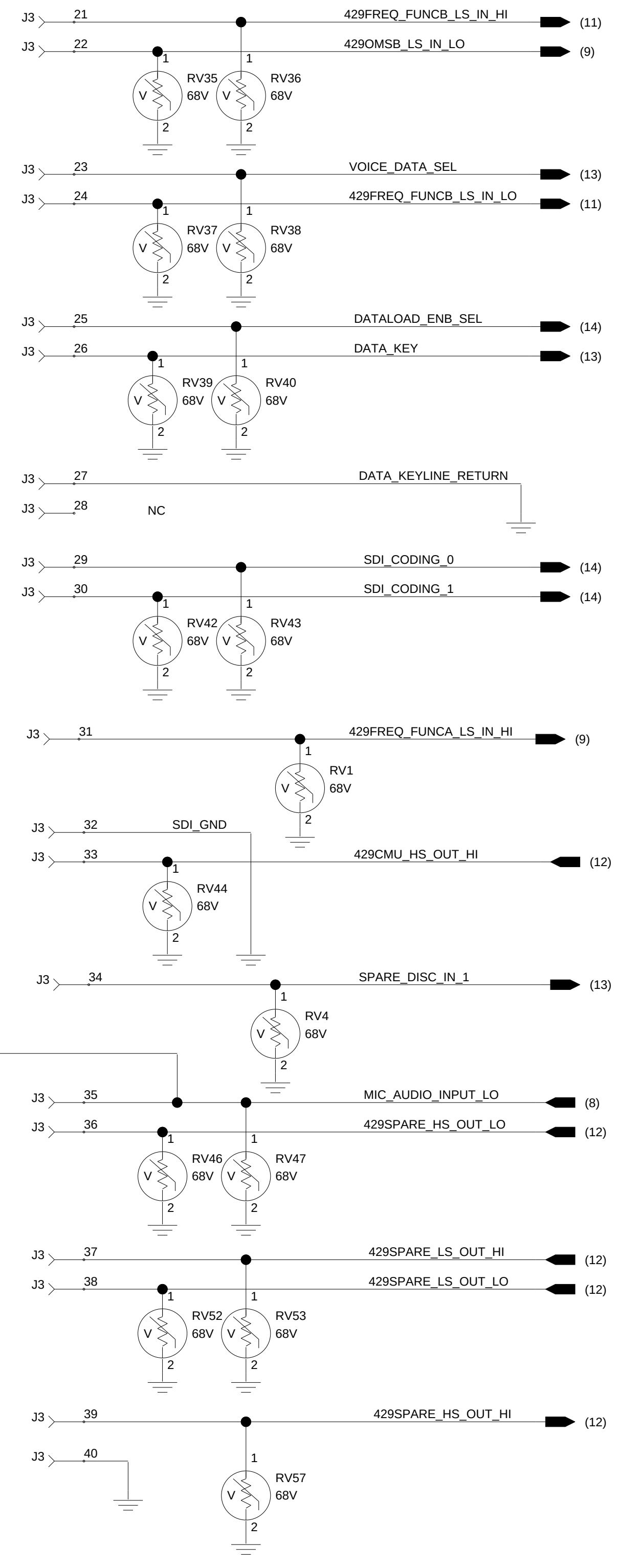
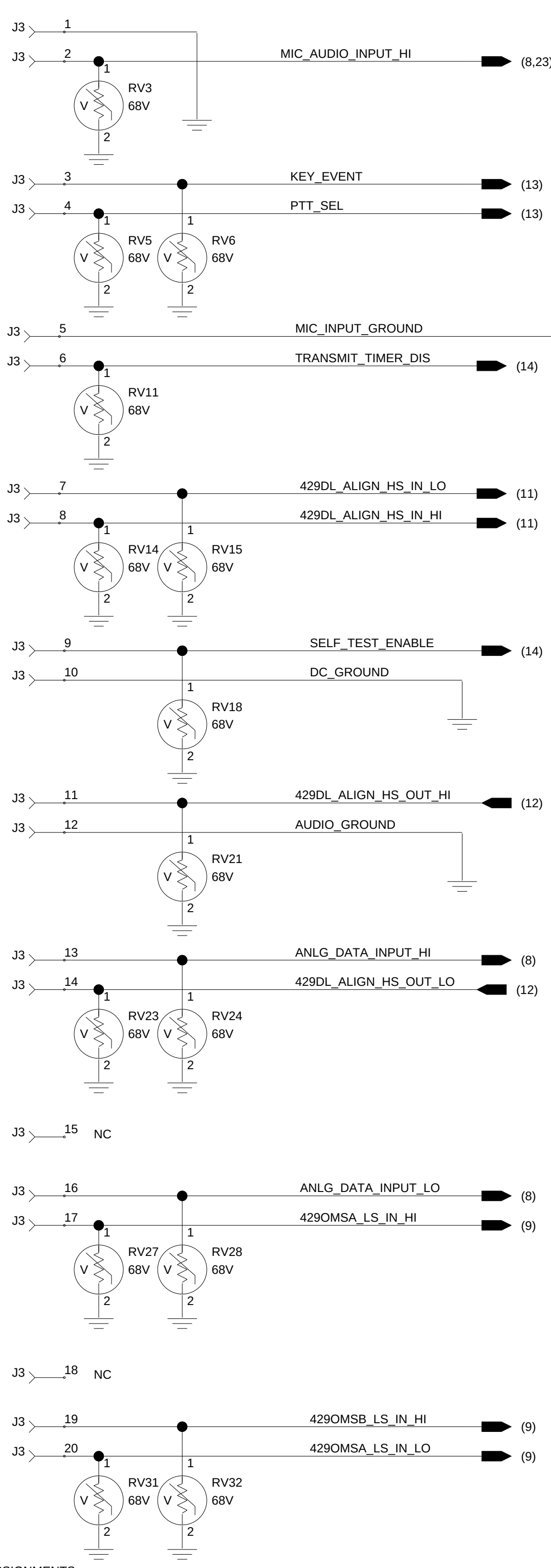
LED board conn



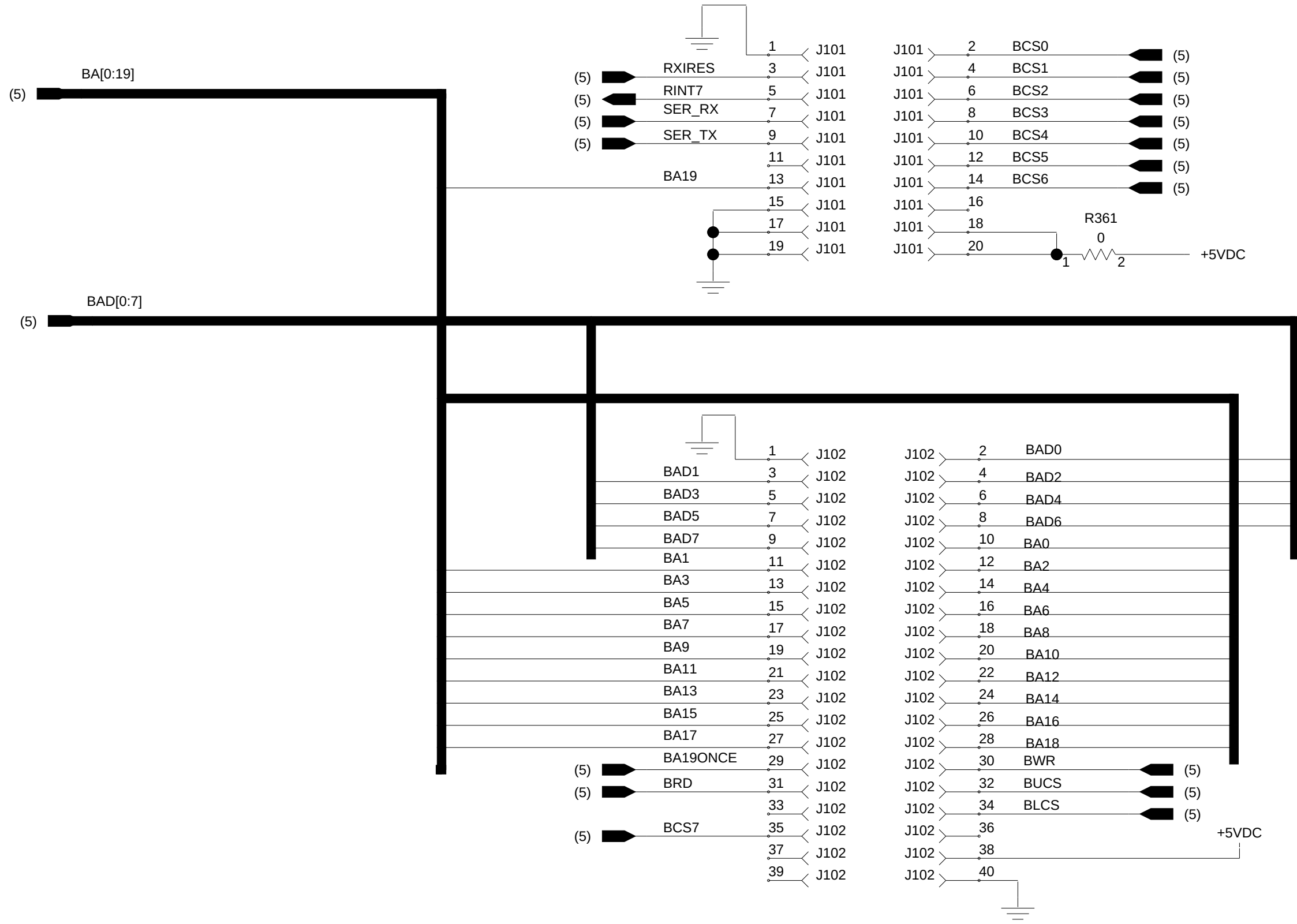


BASED ON INTERCONNECT PIN ASSIGNMENTS

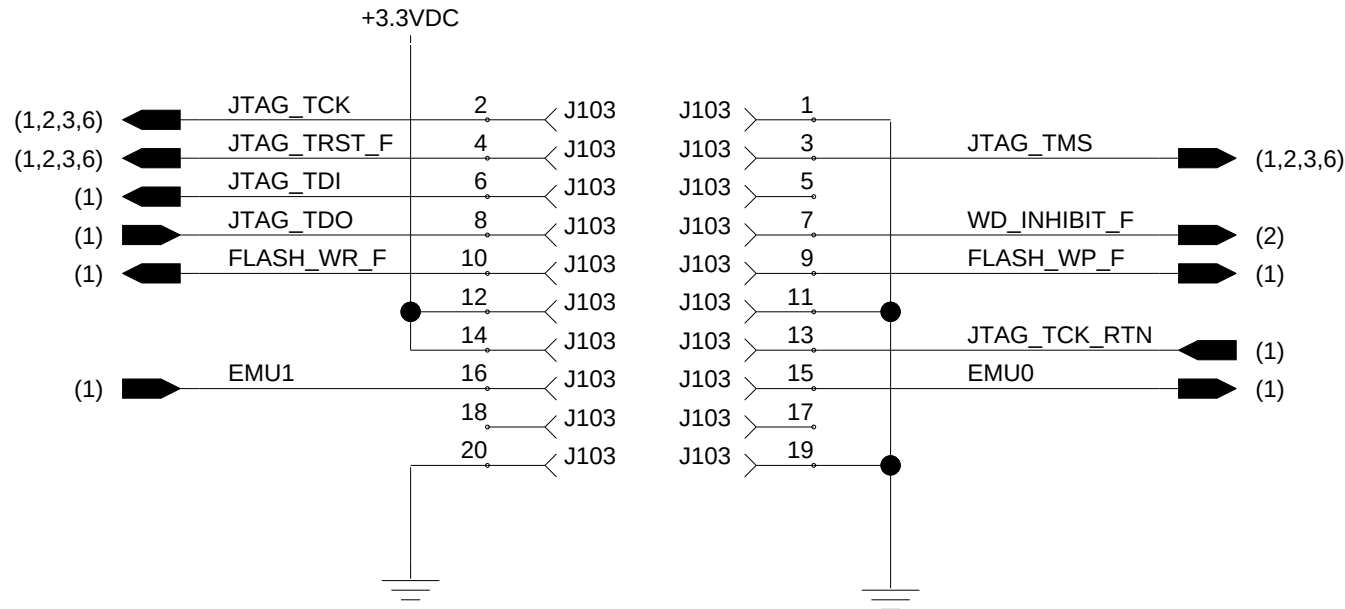
CONNECTOR 2



CONNECTOR 3



SYSTEM PROCESSOR JTAG PORT
CPN 859-5534-220 SMT
20 PIN 0.050 SOCKET



VOCODER JTAG PORT
CPN 859-5534-220 SMT
20 PIN 0.050 SOCKET

