

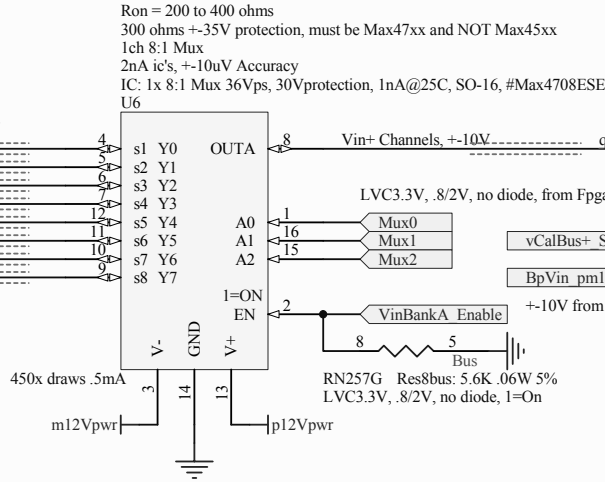
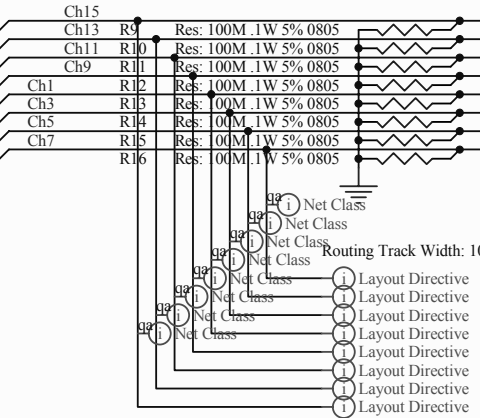
Measure +/-10V signals on Ch1..16 via Analog Multiplexor

These fuses are 100uV to 400uV thermocouples, yet error of that level is ok here.
 F1 Fuse: 7mA h, 25mA t, 470 ohms, 24V, 0805, #PRG18BB471MB1RB
 F2 Fuse: 7mA h, 25mA t, 470 ohms, 24V, 0805, #PRG18BB471MB1RB
 F3 Fuse: 7mA h, 25mA t, 470 ohms, 24V, 0805, #PRG18BB471MB1RB
 F4 Fuse: 7mA h, 25mA t, 470 ohms, 24V, 0805, #PRG18BB471MB1RB
 Footprint: 0805 or 0603, Murata #PrG18... is 0603

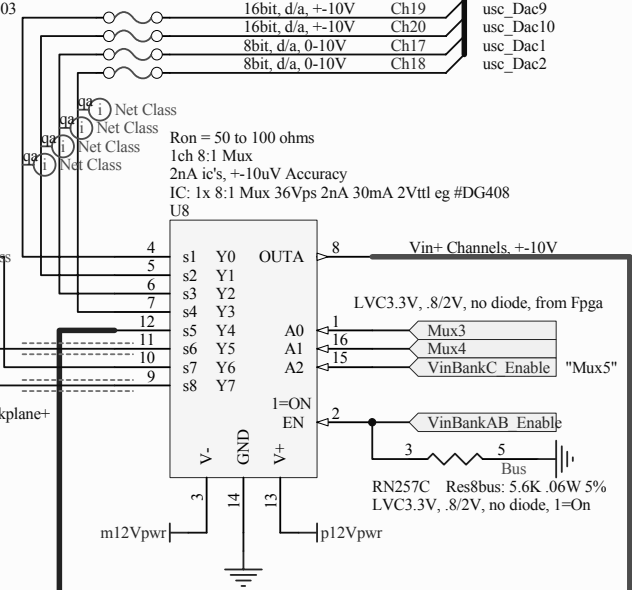
+5V measurement of user Channels 1...16 via Hd44 Connector

Ch[1..24] Ch[1..24]

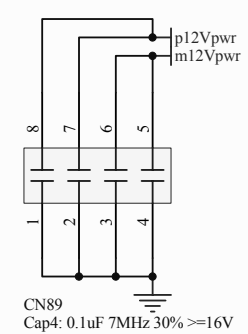
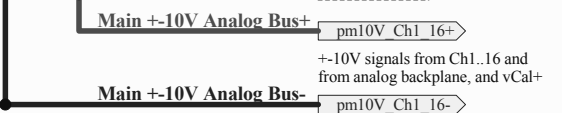
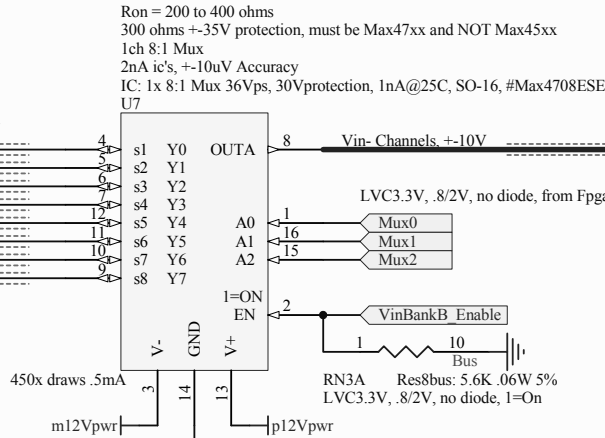
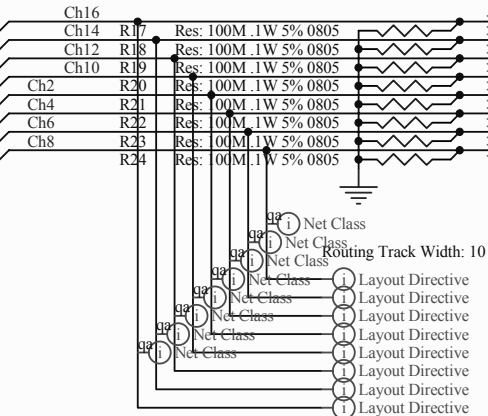
Vin+ Channels, +/-10V



Ron = 50 to 100 ohms
 1ch 8:1 Mux
 2nA ic's, +/-10uV Accuracy
 IC: 1x 8:1 Mux 36Vps, 30Vprotection, 1nA@25C, SO-16, #Max4708ESE
 U8



Vin- Channels, +/-10V



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