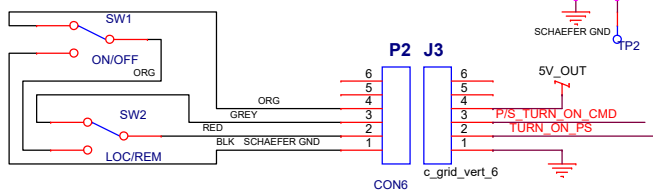
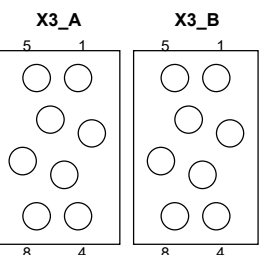
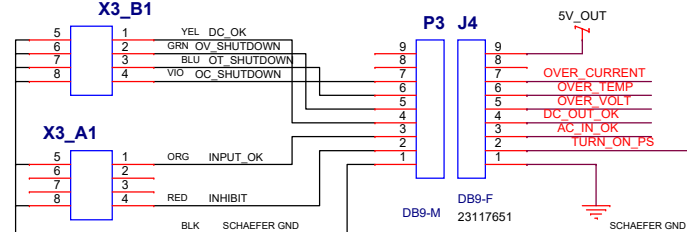


LOC/REM
P/S CTRL



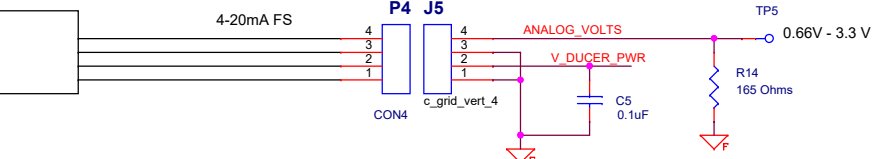
SCHAEFER
K1979 P/S
CONNECTION



K1979 SIGNALS:
STATUS
5V == OK
0V == FAULT
ON/OFF
5V == P/S ON
0V == P/S OFF

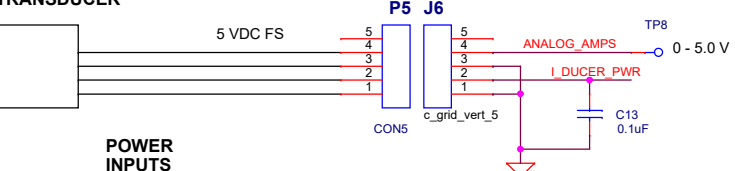
VOLTAGE
TRANSDUCER

AMERICAN
AEROSPACE
CONTROLS
S657-2000
+19 - 32 VDC

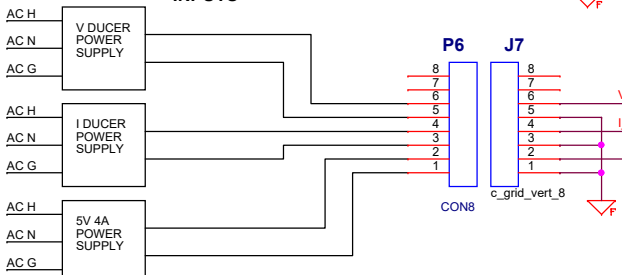


CURRENT
TRANSDUCER

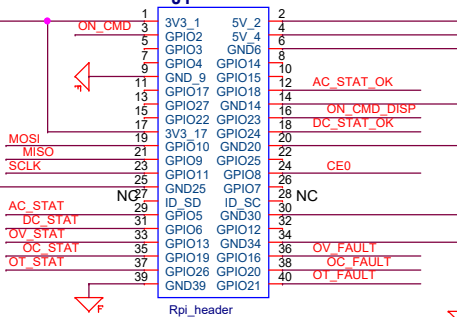
CR
MAGNETICS
CR5210-5
+24 VDC



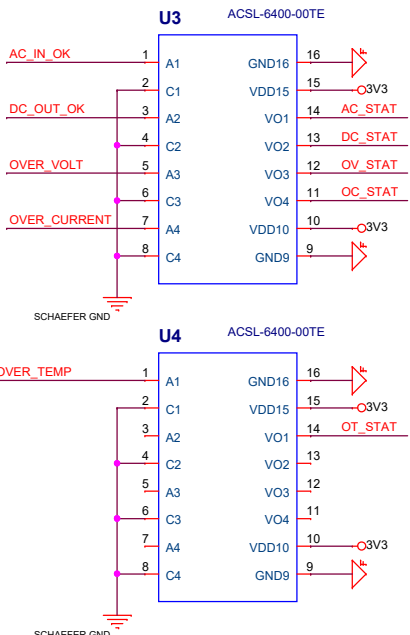
POWER
INPUTS



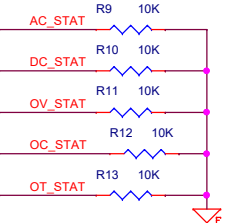
RIBBON CABLE TO RASPBERRY PI



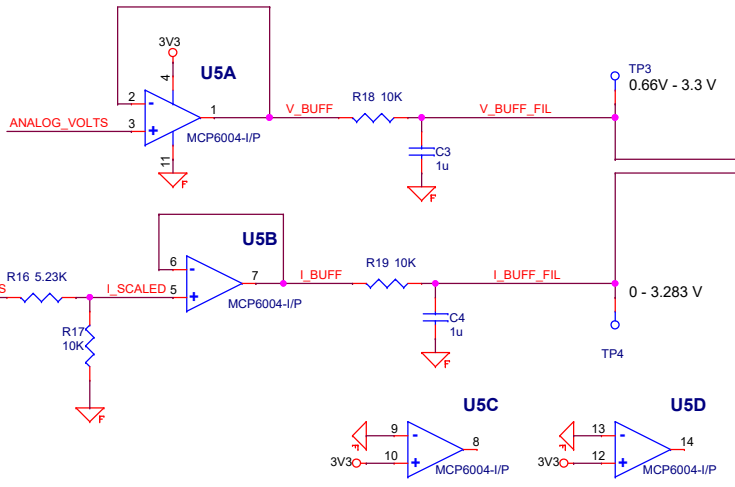
OPTO - ISOLATORS



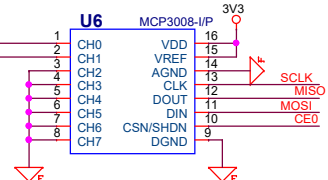
SIGNAL PULLDOWNS



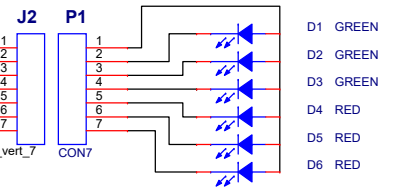
FILTERS AND BUFFERS



ANALOG TO DIGITAL
CONVERTER

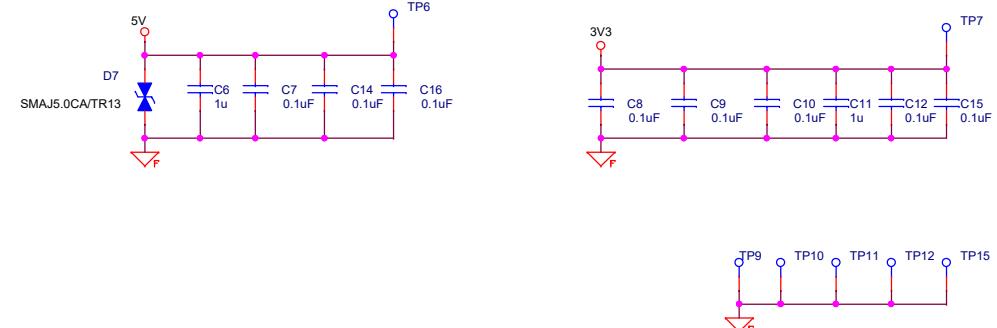


FRONT PANEL
STATUS LEDS

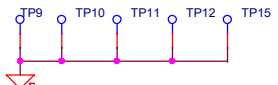


- 1 PLUS 5 VDC
- 2 AC INPUT OK
- 3 ON CMD
- 4 DC OUTPUT OK
- 5 OVER VOLTAGE FAULT
- 6 OVER CURRENT FAULT
- 7 OVER TEMPERATURE FAULT

BYPASS CAPACITORS



MOUNTING HOLES
#6 SCREW WITH WASHER



Title			SCH, K1979_Rpi
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