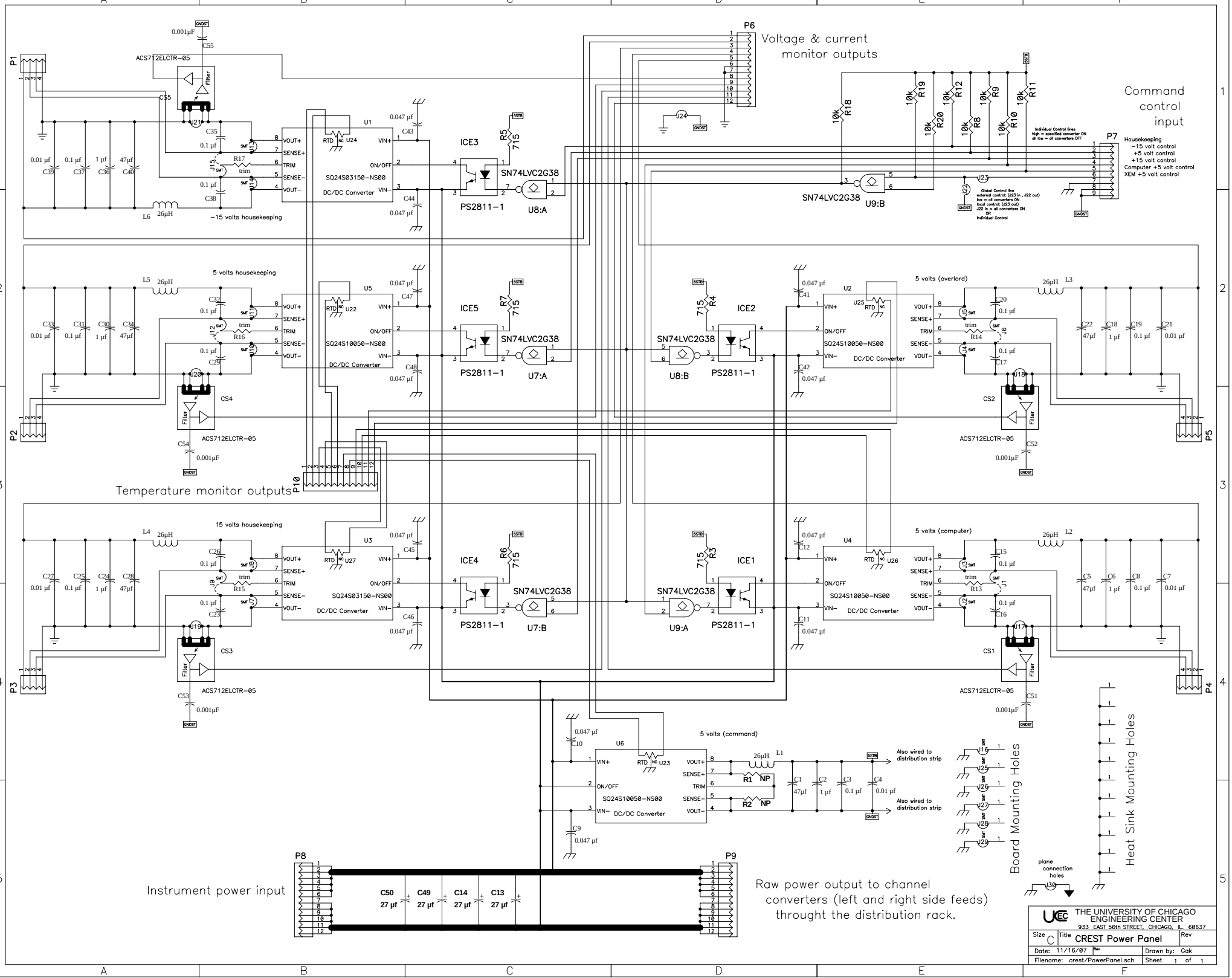
Voltage & current monitor outputs
Command control input
Housekeeping
−15 volt control
+5 volt control
+15 volt control
Computer +5 volt control
XEM +5 volt control
−15 volts housekeeping
5 volts housekeeping
5 volts (overlord)
Temperature monitor outputs
15 volts housekeeping
5 volts (computer)
5 volts (command)
Also wired to distribution strip
Board Mounting Holes
Heat Sink Mounting Holes
Instrument power input
Raw power output to channel converters (left and right side feeds) throught the distribution rack.
ACS712ELCTR−05
SQ24S03150−NS00
SQ24S10050−NS00
DC/DC Converter
SN74LVC2G38
PS2811−1
THE UNIVERSITY OF CHICAGO ENGINEERING CENTER
933 EAST 56th STREET, CHICAGO, IL. 60637
Size C
Title CREST Power Panel
Rev
Date: 11/16/07
Drawn by: Gak
Filename: crest/PowerPanel.sch
Sheet 1 of 1