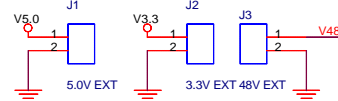
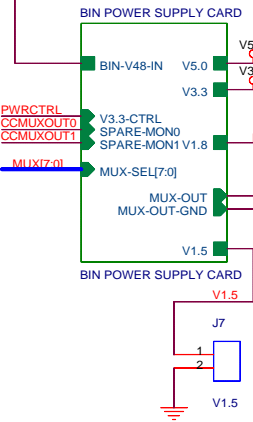


Use Johnson Insulated Standard With Thumb Nut-Grounded Type Binding Posts. Black for Ground.

Connections for Power from an External Source



SHEET6

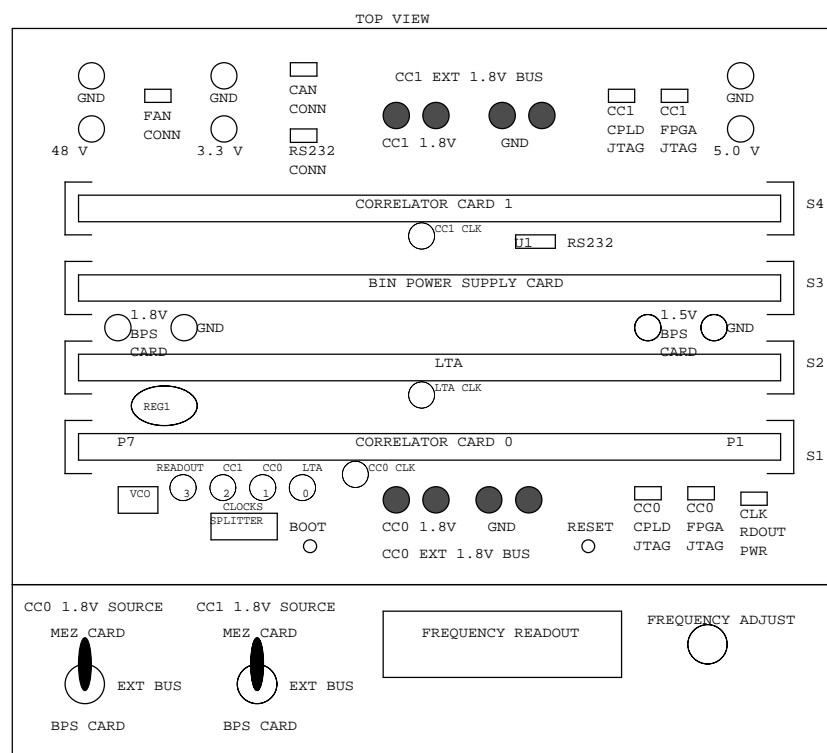


Digikey PN 360-12-17-ND 4PDT Center Off 25A. 3 Poles in Parallel for 1.8V to give 75A.

Such as Mechatronics A1225E

Suggested Improvements for Next Version

The DB9 connector for the RS232 has a male footprint. Change to a female footprint. Workaround: Put in a male DB9, and have a gender bender.



48V FAN

Indicates two pads and holes capable of having lugs bolted to them which could carry 100 Amps.

Indicates an OSM female connector for clock distribution. The Connector is on the top of the Motherboard.

Each three position switch (DPDT-CENTER OFF) selects from three 1.8 Volt sources for one correlator card.

SWITCH IN UP POSITION

Correlator Card powered from its own Mezzanine Card.

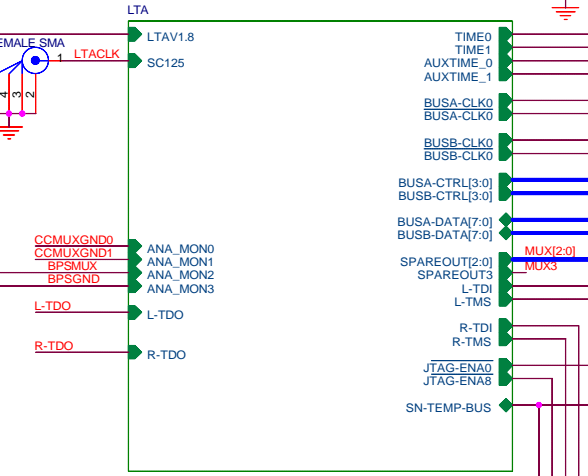
SWITCH IN CENTER-OFF POSITION

Correlator Card Powered from External supply via J5 or J6.

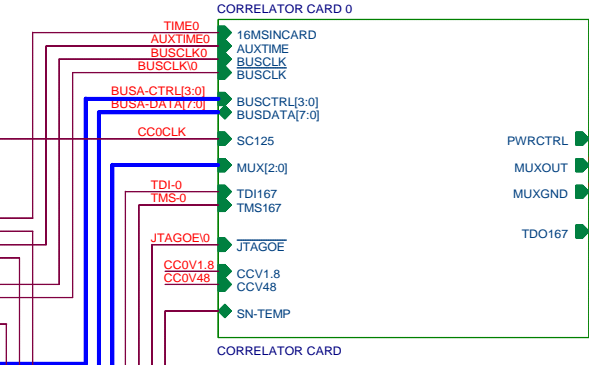
SWITCH IN DOWN POSITION

Correlator Card Powered from PSCV1.8 bus, which gets its power from BIN POWER SUPPLY CARD.

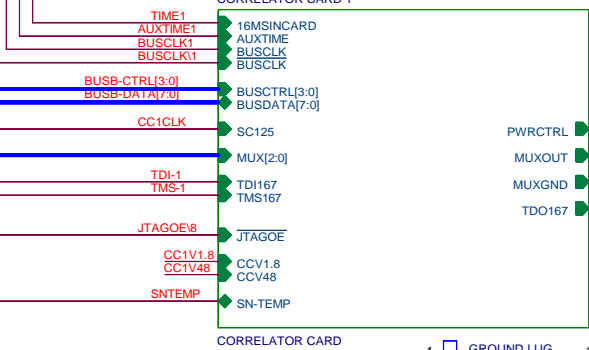
SHEET2



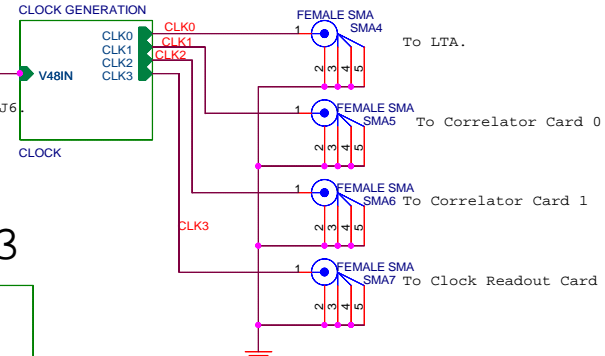
SHEET3



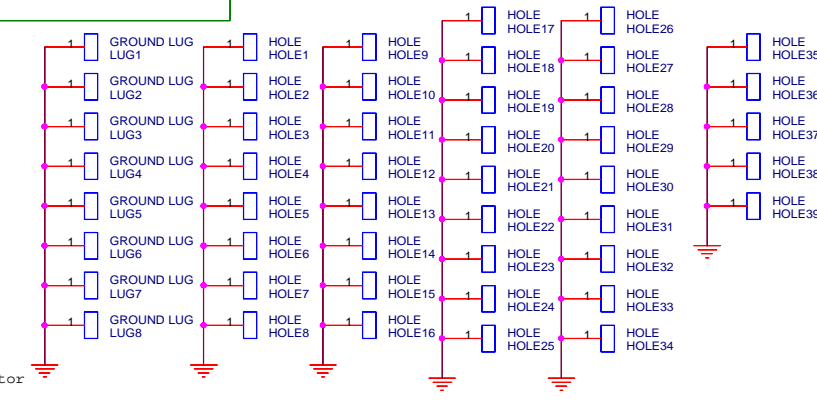
SHEET4



SHEET5



SHEET 1



ALMA CORRELATOR PROJECT		
NATIONAL RADIO ASTRONOMY OBSERVATORY CHARLOTTESVILLE, VA		
Title	CCLTA TEST FIXTURE: TOP LEVEL	
Size	Document Number	Rev
C	07013SX0001 (corrtestfix.dsn)	
Date:	Monday, January 21, 2002	Sheet 1 of 6