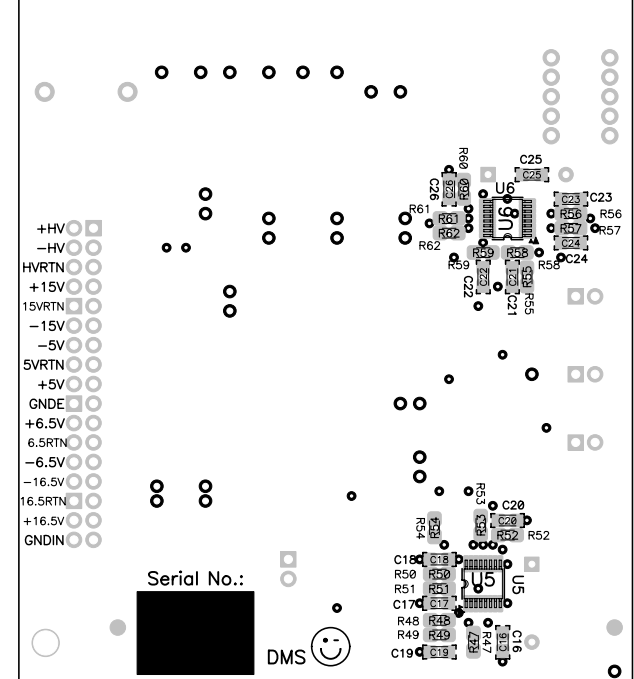
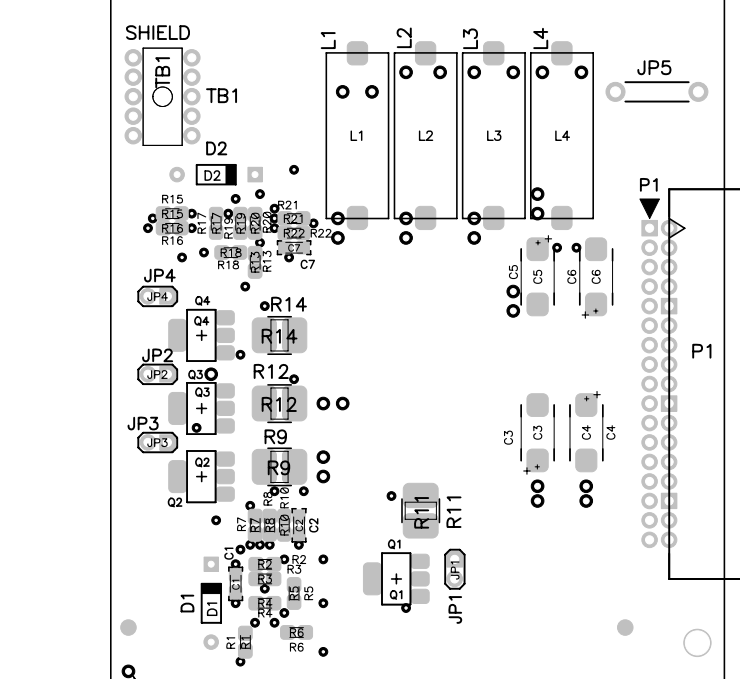
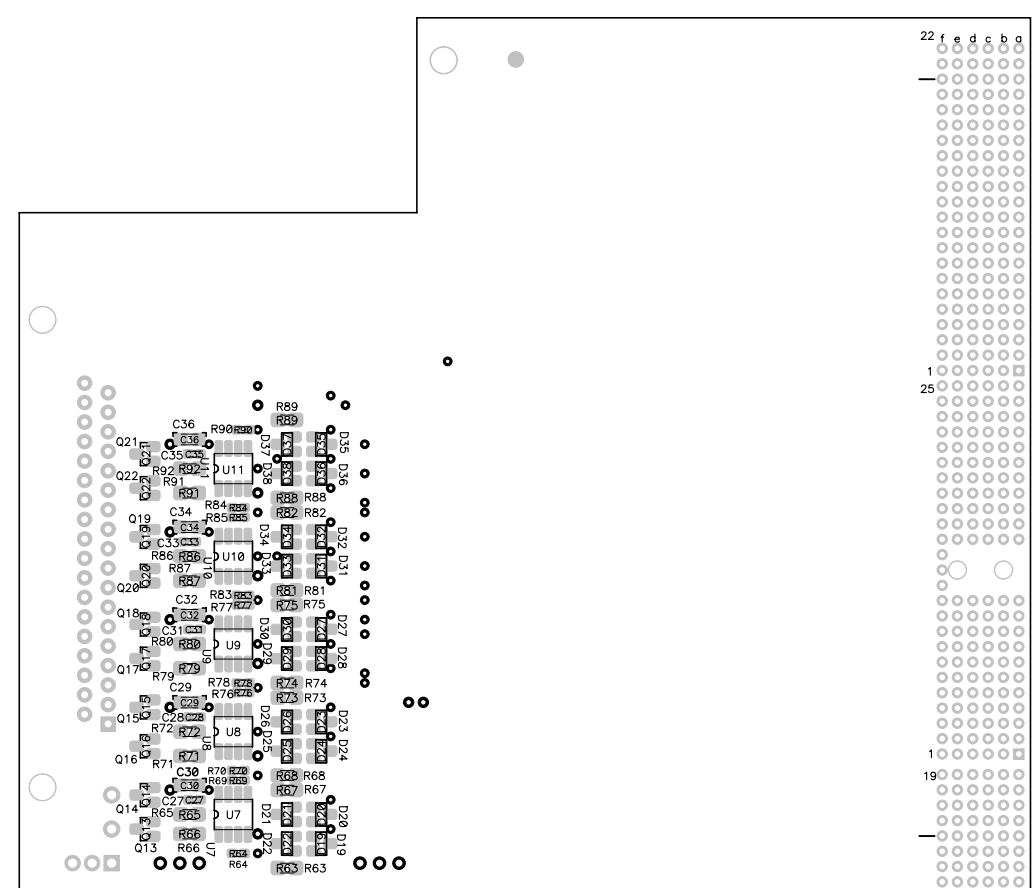
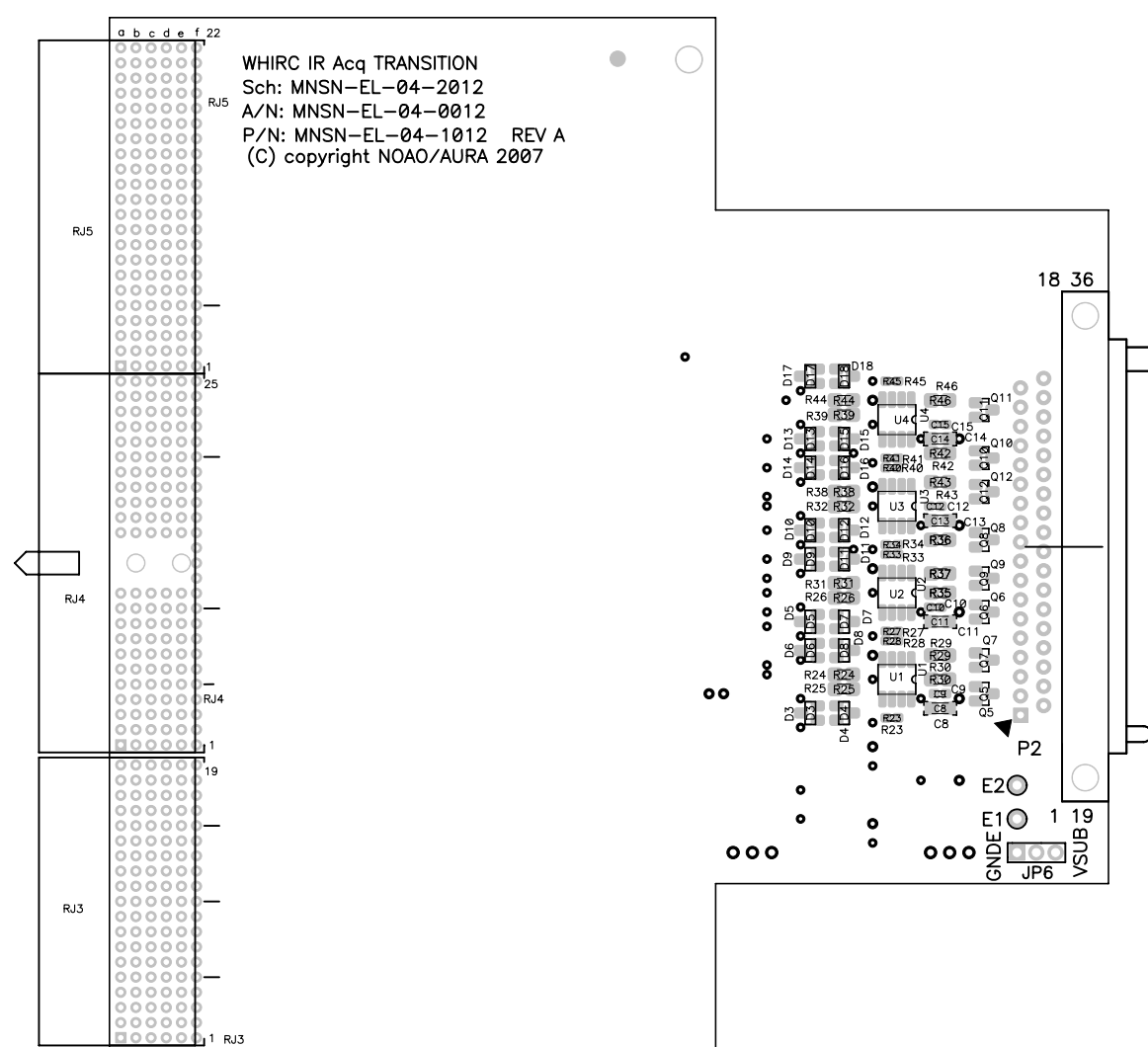


REVISIONS

ZONE	LTR	REVISIONS	ECR	DATE	BY	APRV
	OD	INITIAL RELEASE		03MAR06	dms	m.hunten
	A	Part additions & changes, see ECO for details	MNSN-0117	13FEB07	dms	m.hunten



NOTES:

- Reference MNSN-EL-04-4012 for Parts List
- Before installing any components check all boards using an ohm meter for shorts between all power and ground nodes.
- All polarized caps are marked with a (+) sign on the positive node.
- All diodes have a heavy line on the cathode side.
- Parts can be crossed as long as the replacement is the same or an upgrade of the specified part.
- Resistance values are in ohms, capacitance values are in uF (microfarads).
- Make sure all axial leaded components are inserted with the value up and readable.
- Holes and/or lands of components that are not installed should be kept free of solder.
- This assembly contains electrostatic discharge (ESD) sensitive devices. Static free handling is required.
- rJ3, rJ4, rJ5 are press fit connectors and SHALL be soldered in place to ensure connectivity.

TOP ASSEMBLY

BOTTOM ASSEMBLY

VENDOR NOTE: NOTIFY NOAO OF ANY CONFLICTING REQUIREMENTS OR IF BOARDS CANNOT BE MANUFACTURED TO MEET THE REQUIREMENTS, DUE TO VENDORS PROCESS AND/OR TECHNIQUES OR BECAUSE PHOTO TOOLS AND/OR SPECIFICATIONS ARE INADEQUATE.

QTY REQ'D	PART OR IDENTIFYING NO	ITEM DESCRIPTION	ITEM NO
<p>TOLERANCES UNLESS OTHERWISE NOTED</p> <p>.XX ± .03 ANGULAR ±.5°</p> <p>.XXX ± .010</p>		<p>THIRD ANGLE PROJECTION</p>	<p>NATIONAL OPTICAL ASTRONOMY OBSERVATORIES</p> <p>OPERATED BY THE ASSOCIATION OF UNIVERSITIES FOR RESEARCH IN ASTRONOMY UNDER COOPERATIVE AGREEMENT WITH NATIONAL SCIENCE FOUNDATION</p>
<p>DO NOT SCALE DRAWING</p> <p>NEXT ASSEMBLY</p> <p>REFER TO SCHEMATIC</p> <p>MNSN-EL-04-2012</p>		<p>NAME</p> <p>ASSEMBLY IR ACQUISITION TRANSITION WHIRC</p>	<p>USED ON</p> <p>MONSOON</p> <p>DWG SIZE</p> <p>C</p> <p>REV</p> <p>A</p>
SCALE: FULL	DESIGNED BY D. Stover	DATE 05APR06	CHECKED BY DATE
DWG PRODUCED USING PCAD2004	DRAWN BY Dee Stover	DATE 05APR06	APPROVED BY DATE
DWG NO MNSN-EL-04-0012		RELEASED	
SHEET OF 1			