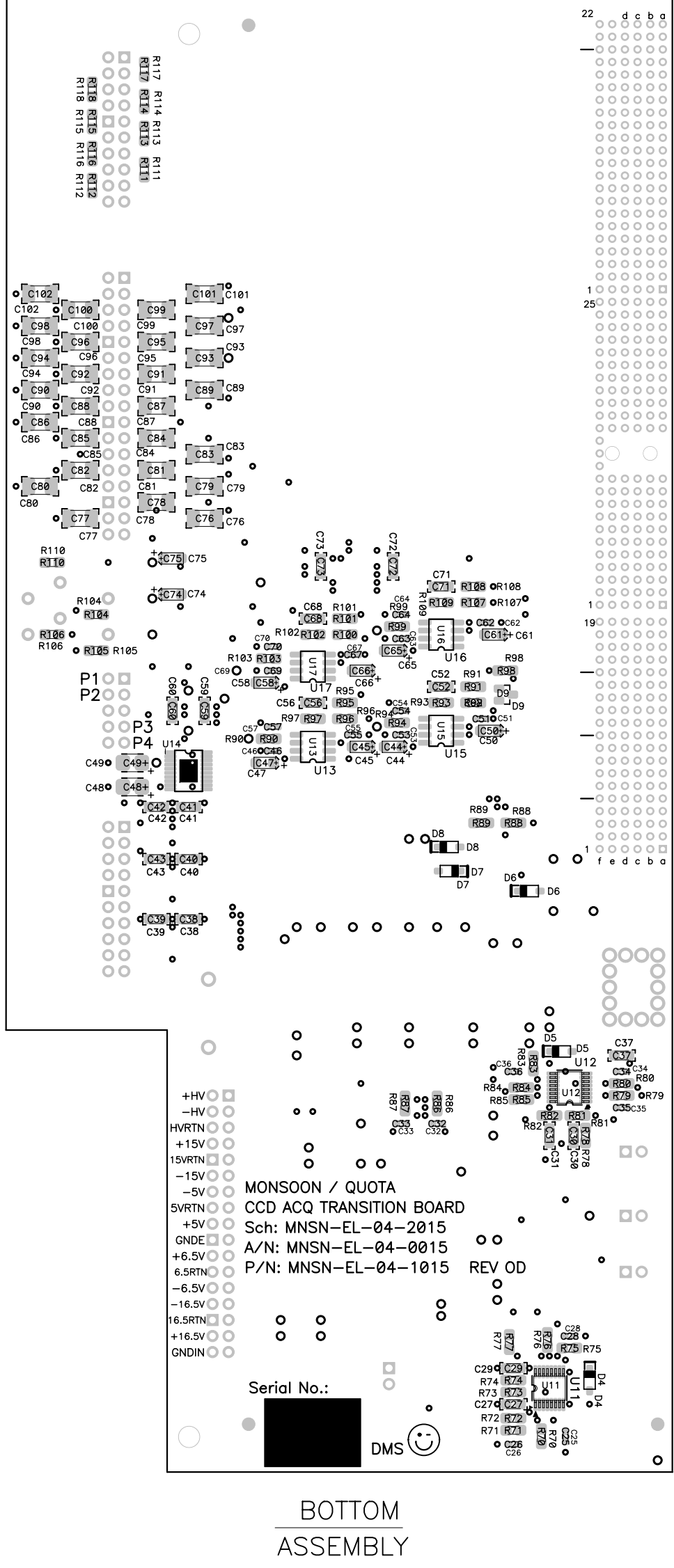
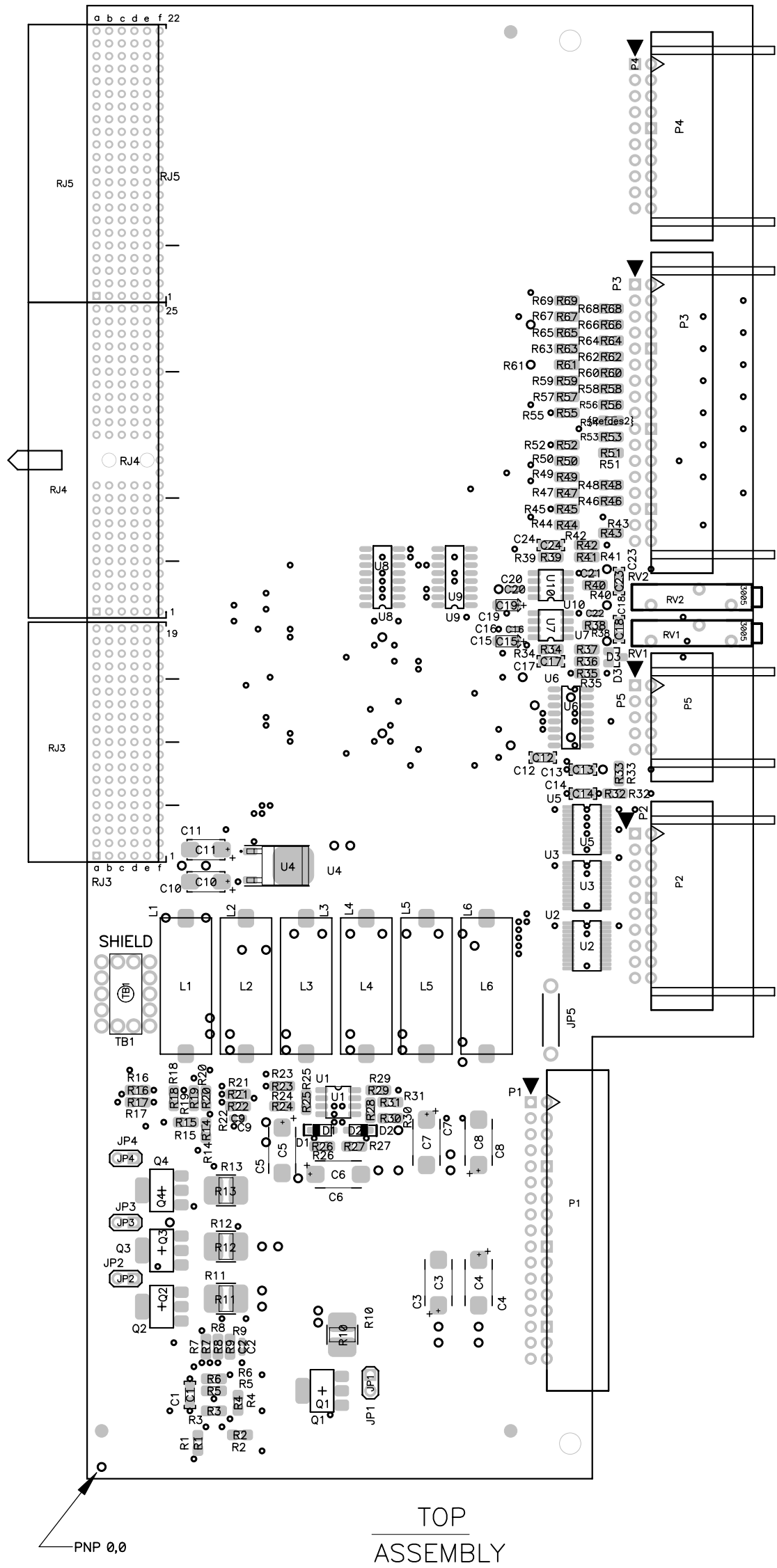


REVISIONS						
ZONE	LTR	REVISIONS		ECR	DATE	BY APRV
	OD	INITIAL RELEASE			04DEC06	dms p.moore



- NOTES:
- Reference MNSN-EL-04-4015 Bill of Materials
 - 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.
 - TB1 can be a 10 pin, 6 pin or 4 pin part. With card positioned as shown in top assembly view the 10 pin orientation will use pins to the left and right, 4 & 6 pin orientation will use the pins located towards top and bottom of card.

APPROVED FOR
CONSTRUCTION
12-04-06

VENDOR NOTE: NOTIFY US OF ANY CONFLICTING REQUIREMENTS OR IF BOARDS CANNOT BE MANUFACTURED TO MEET THE ABOVE 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
TOLERANCES UNLESS OTHERWISE NOTED .XX ± .03 .XXX ± .010		ANGULAR ±.5°		THIRD ANGLE PROJECTION	
DO NOT SCALE DRAWING		NATIONAL OPTICAL ASTRONOMY OBSERVATORIES OPERATED BY THE ASSOCIATION OF UNIVERSITIES FOR RESEARCH IN ASTRONOMY UNDER COOPERATIVE AGREEMENT WITH NATIONAL SCIENCE FOUNDATION		USED ON Monsoon QUOTA	
NEXT ASSEMBLY		ASSEMBLY MONSOON / QUOTA		REF	
REFER TO SCHEMATIC MNSN-EL-04-2015		CCD ACQUISITION TRANSITION BRD		DWG SIZE C	
SCALE: FULL		DESIGNED BY D. Stover	DATE 01nov04	CHECKED BY	DATE
DWG PRODUCED USING PCAD2004		DRAWN BY Dee Stover	DATE 15nov04	APPROVED BY	DATE
		DWG NO MNSN-EL-04-0015		RELEASED	
		SHEET 1 OF 1			