

NOAO

ENGINEERING CHANGE ORDER

BOARD NAME <u>CCD PreAmp Transition</u>	ECO# TRNT-034	DATE <u>19nov12</u>
BRD SERL# <u>027</u> REV _____	ART# <u>TRNT-EL-07-0007</u>	
PN# _____ REV _____	REV _____	
ASBLY# <u>TRNT-EL-04-0007</u> REV _____	PCB# <u>TRNT-EL-04-1007</u>	REV _____
BOM# <u>TRNT-EL-04-4007</u> REV _____	SCH# <u>TRNT-EL-04-2007</u>	REV _____
COGNIZANT ENGR _____	APPROVD _____	

REASON FOR MODIFICATION:

Optimize grounding and video layout section for improved noise performance, add connectors for wire to board connections.

DRAWINGS AFFECTED:	NEW REV
TRNT-EL-04-0007	C
TRNT-EL-04-1007	C
TRNT-EL-04-2007	C
TRNT-EL-04-3007	C
TRNT-EL-04-4007	C

DESCRIPTION OF MODIFICATION:

TRNT-EL-04-0007: change note 5,

TRNT-EL-04-2007 (schematic) Use "Pre-amplifier Redesign with OPA1611 rev 1.1.pdf" to make modifications to optimize circuit and component values.

TRNT-EL-04-1007 revise placement and layout to match criteria in above document, changing the connectors to dewar to be samtec TFM style. Short SW1 to mounting hole on J1 mounting hole.

TRNT-EL-04-4007: change note 5 & 6, value, PN or quantity for Items 2, 3, 4, 6, 7, 8, 17, 21, 25, 26, 31.

This section to be completed by reviewing authority			
Review Date:		Reviewer(s):	
Disposition:	<input type="checkbox"/> Approved	<input type="checkbox"/> Denied	<input type="checkbox"/> Request Additional Information

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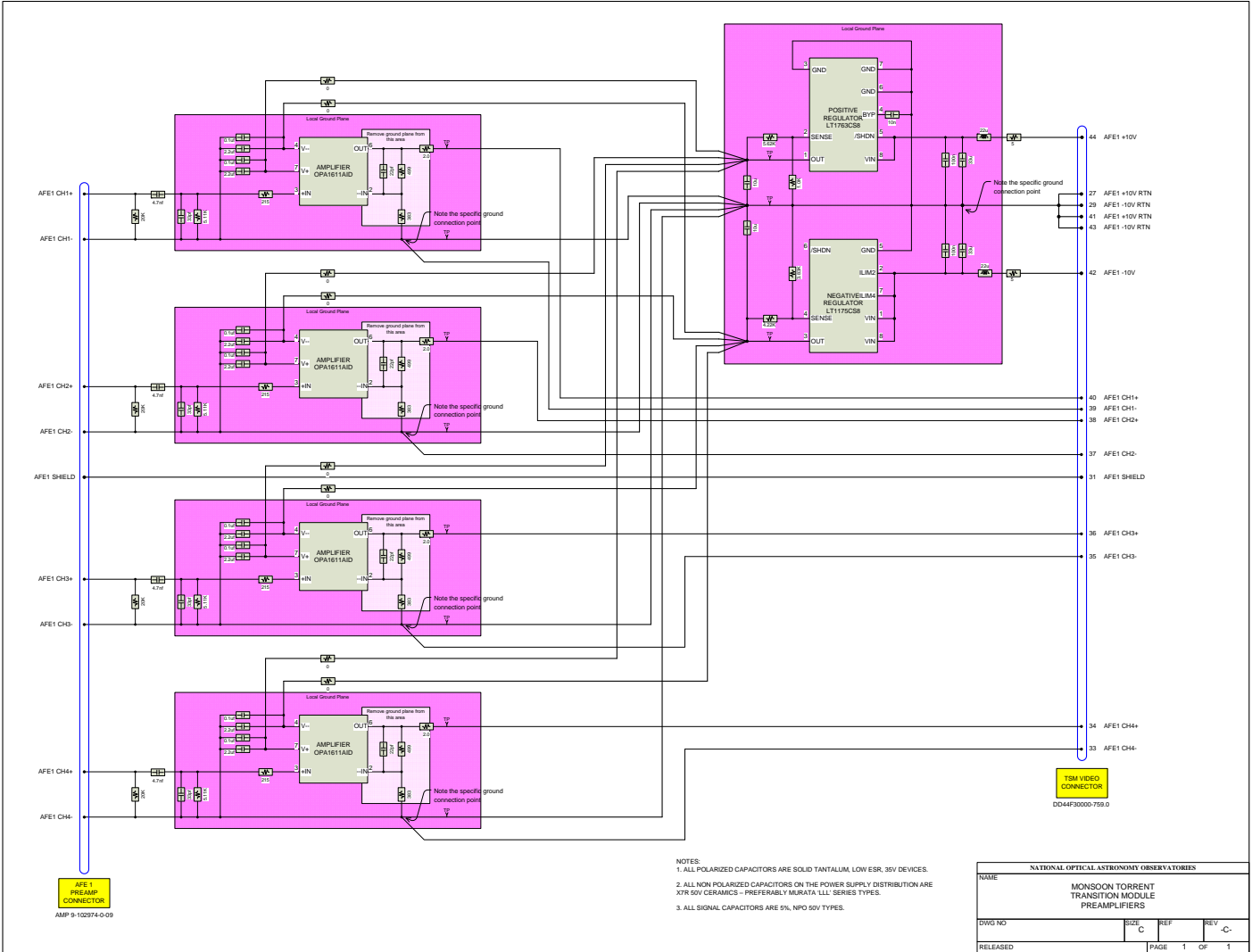


Figure 1 - Redesign with OPA1611 rev 1.1