

# NOAO

## ENGINEERING CHANGE ORDER

BOARD NAME <u>TORRENT AFE CCD</u>	ECO# <b>TRNT-009</b>	DATE <u>6/03/2010</u>
BRD SERL# _____ REV _____	ART# _____	
PN# <u>TRNT-EL-04-00</u> REV _____	REV _____	
ASBLY# <u>TRNT-EL-04-0004</u> REV <u>OD</u>	PCB# <u>TRNT-EL-04-1004</u> REV <u>OD</u>	
BOM# <u>TRNT-EL-04-4004</u> REV <u>OD</u>	SCH# <u>TRNT-EL-04-2004</u> REV <u>OD</u>	
COGNIZANT ENGR <u>M HUNTEN</u>	APPROVD _____	

REASON FOR MODIFICATION:

Simplify +-VAHI circuit sheet 3

Add feedback cap to video channel op amp

Change logic on sheet 10 to positive output for telemetry

DRAWINGS AFFECTED:	NEW REV
TRNT-EL-04-2004	A

**DESCRIPTION OF MODIFICATION:**

Completely remove and replace +-VAHI circuits on sheet 3

Sheet

Add 22pF feedback cap to U80, U89, U98, U109 on video channels

Remove U2, U3, U64 & U135 on sheet 10 replace with 4 : 74HC259 devices, change all max312 devices on sheet 10 to MAX 313 devices.