BOARD NAME: Local Control Board (LCB)  
ECO#: TRNT-024  
ECO# TRNT-024  
DATE: 4/18/2011  
ART#: TRNT-EL-07-0002  

BRD SERL#: All Rev A boards  
REV: 

PN#: 
REV: 

ASBLY#: TRNT-EL-04-0002  
REV: A1  

BOM#: TRNT-EL-04-4002  
REV: A2  

PCB#: TRNT-EL-04-1002  
REV: A  

SCH#: TRNT-EL-04-2002  
REV: A1  

COGNIZANT ENGNR:  
APPROVD: 

REASON FOR MODIFICATION:
Remove undo stress on U37
Add flexibility to grounding & shielding
Ease interference of TSM present connector with actual switch
Combine and incorporate ECOs into PCB artwork

DRAWINGS AFFECTED:
TRNT-EL-04-0002 B
TRNT-EL-04-1002 B
TRNT-EL-04-2002 B
TRNT-EL-04-3002 B
TRNT-EL-04-4002 B

DESCRIPTION OF MODIFICATION:
1. Incorporate all items of TRNT-017 to pcb
2. Remove pin U37-2F from ground and leave floating
3. Change holes for case, cage leads on J8, J9, J10 to plated, add trace connecting the 3 cases together. Continue connection to Pin 1 of JP1
On all Rev A Boards a connection shall be made, using best practices, between the cases of J8, J9 and J10. Connection to P1-56 may or may not take place during implementation.
4. Connect Pin 2 of JP1 to P1-56 AFE_SHIELD
5. Reposition J13 (TSM present SW connector) down further away from switch to eliminate interference with switch leads.

This section to be completed by reviewing authority

Review Date: 
Reviewer(s): 

Disposition: □ Approved  □ Denied  □ Request Additional Information

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