

**TEM/TPS Pre Production Review
NCMR SUMMARY**

January 12, 2005

NCMR#	Discrepancy	Corrective Action	Final Disposition
2037	LAT-DS-01646: U62 and U45 leads bent; do not meet coplanarity requirements. Unable to meet bond line requirements	Customer furnished material to be inspected upon receipt. Requirement for thermally conductive adhesive under ASIC's is removed.	Get customer approval for rework of FPGA's
2078	LAT-DS-02388- shottky diode PN SSR1040GTXV exhibits solder contacting the component body	SLAC source inspector to monitor for abnormal variation.	Determined not be a defect; Use as is.
2081	LAT-DS-01646- TEM CCA, SN1 dropped	New method of handling and storing developed by GTC	Repair damage to PCB with Arathane 5750 and Use As Is.
2082	LAT-DS-01646- TEM CCA, SN2 dropped	New method of handling and storing developed by GTC	Repair damage to PCB with Arathane 5750 and Use As Is.
2083	LAT-DS-01646- TEM CCA, SN3 dropped	New method of handling and storing developed by GTC	Repair damage to PCB with Arathane 5750 and Use As Is.
2089	MAX724ECK- Parts not formed properly	Revise Drawing to reflect modified configuration.	Rework to new configuration
2100	LAT-DS-02388- Mounting holes for MAX724ECK is .124, s/b .156	Change drawing to reflect different hardware used for component mounting	Rework to new configuration
2113	Wire Length callout on drawing is 1.50 inches.	Change drawing to reflect proper wire lengths; to be provided by GTC.	Rework to new configuration
2116	LAT-DS-02388- Damaged insulation/exposed wire.	Wire to be inspected for this condition on all future builds.	Wires to be encapsulated; Use As Is
2121	LAT-DS-01646- Incorrect hardware callout. S/B MS24671-1, is MS24671-2	Update drawing to callout correct length, supply GTC with correct hardware	Rework to new configuration

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2127	LAT-DS-02388- Test Failure	Remove R231, replace with F/N 62 (15k) Update BOM	Rework to new configuration
2129	LAT-DS-02388- Wires dressed to lay on adjacent components	Modify Assembly Work Instructions.	Use As Is with special instructions at potting operation.
2133	LAT-DS-01646- CCA reached -37°C, s/b -40°C.	Software for subsequent tests to be revised to ensure correct parameters.	USE AS IS
2134	LAT-DS-02388- CCA reached -37°C, s/b -40°C.	Software for subsequent tests to be revised to ensure correct parameters.	USE AS IS
2135	LAT-DS-02388- Drawing does not call out buyer provided bar code label	Update drawing to call out label, mark CCAs with buyer provided number with ink	Repair
2136	LAT-DS-01646- Drawing does not call out buyer provided bar code label	Update drawing to call out label, mark CCAs with buyer provided number with ink	Repair
2151	LAT-DS-00554- Connector hole mislocated. Customer Furnished	Drawing is correct, rework Qual+2, return remaining bases to SLAC for rework	Rework to specification
2152	LAT-DS-01482- 1. Excess cable length 2. Cable harness support interference 3. Cable harness bonded on top of conformal coat 4. Dwg. Note 8 does not provide enough detail re: serial number	Update drawing to correct errors	Rework to new configuration

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2156	LAT-DS-01481- Unable to torque FN-4 screws at 28 in-oz	Update dwg to add running torque requirement	Rework to new requirement.
2161	LAT-DS-02388- RTV does not stick to cable ties	Update dwg to remove staking requirement	Rework to new requirement.
2173	LAT-TD-04085- Test Failure	TKR Analog B: Change tolerance to 2.35-2.78 CAL Bias current: Change tolerance to 0.000400-0.001000 TKR Analog A: Change tolerance to 1.30-1.65	USE AS IS
2179	LAT-DS-01643 Units shipped without End Item Data Package	Due to change in SOW, EIDP's to be shipped at a later date.	USE AS IS