



March 9, 2012

CN Number: 1205

CN Change Level: Minor

Subject: RTSX-SU Datasheet Updates Relating to RTSX72SU FPGAs

Dear Customer,

Microsemi has updated the RTSX-SU datasheet to clarify the radiographic (X-ray) step in the E and EV screening flow. For RTSX72SU devices in CQ208 and CQ256 packages, Microsemi does not perform X-ray inspection when screening E and EV flow products. As stated in the Standard Military Drawings (SMDs), RTSX72SU devices in CQ208 and CQ256 packages contain a heat spreader that prevents X-rays from penetrating through. This clarification has been added to the E and EV screening flow in the RTSX-SU FPGA datasheet Revision 9, which can be downloaded here:

http://www.microsemi.com/soc/documents/RTSXSU_DS.pdf

It should also be noted that every shipment of RTSX72SU E and EV flow FPGAs in CQ208 and CQ256 packages has included an Attribute Data sheet which lists no X-ray inspection for these products.

If you have any questions, please contact Microsemi's ITAR Application Technical Support at soc_tech_itar@microsemi.com.

Regards,

Microsemi Corporation

Table 1 • Affected Part Numbers

RTSX72SU		
RTSX72SU-CQ208E	RTSX72SU-CQ256E	RTSX72SU-CQ208EV
5962-0151507QYC	5962-0151507QXC	RTSX72SU-1CQ208EV
RTSX72SU-1CQ208E	RTSX72SU-1CQ256E	RTSX72SU-CQ256EV
5962-0151508QYC	5962-0151508QXC	RTSX72SU-1CQ256EV