

File E141114
SR6680308

December 30, 2009

REPORT

On

COMPONENT - Information Technology Equipment Including Electrical Business
Equipment - Component

Maxim Integrated Products
Sunnyvale, CA

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DESCRIPTION

PRODUCT COVERED: USR/CNR - Component, Backup Power Supervisor with Reverse charging protection IC

Product Type: Integrated Circuit Chip

Model: **DS36A92#, where "#" may be any combination of symbols, letters, and/or numbers that describe non-safety related characteristics.**

ELECTRICAL RATING: Not required.

TECHNICAL CONSIDERATIONS (NOT FOR FIELD REPRESENTATIVE'S USE):

Use - For use only in (or with) complete equipment where the acceptability of the combination is determined by Underwriters Laboratories Inc.

USR - indicates investigation to the UL Standard for Safety of Information Technology Equipment, UL 60950-1 - STANDARD FOR SAFETY FOR INFORMATION TECHNOLOGY EQUIPMENT - SAFETY - PART 1: GENERAL REQUIREMENTS - Edition 1 - Revision Date 2007/10/31

CNR - indicates investigation to the CSA C22.2 NO. 60950-1 (1ST ED.) - INFORMATION TECHNOLOGY EQUIPMENT SAFETY PART 1: GENERAL REQUIREMENTS - Edition 1 - Revision Date 2006/07/07

Special Considerations - The following items are considerations that were used when evaluating this product.

The equipment is: for building in

Class III (supplied by SELV)

Intended for use on TN power system

Reverse current measurement tests are conducted on 100% of production line. See Appendix A.

Conditions of Acceptability - When installed in the end-product, consideration shall be given to the following:

1. This device has reverse current protection.
2. These devices are intended for use as components in SELV circuitry only where the physical case temperature is not expected to exceed 85°C and the voltage on any pin relative to ground is a maximum of 15 V dc.
3. The pins are suitable for factory wiring only, and have not been evaluated for field wiring.
4. A suitable Electrical, and Fire enclosure shall be provided in the end product.
5. The maximum reverse current measurement rating for the Reverse Charging Protection Integrated Circuit Chips in this report is 250 nano-amps.