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Project 91RT6951

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REPORT

on

COMPONENT - INFORMATION TECHNOLOGY EQUIPMENT

Maxim Integrated Products  
Sunnyvale, CA

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## DESCRIPTION

## PRODUCT COVERED:

\* Component - Integrated Circuits with lithium battery reverse charge protection, Models MAX690, MAX690A, MAX690R, MAX690S, MAX690T, MAX691, MAX691A, MAX692, MAX692A, MAX693, MAX693A, MAX694, MAX695, MAX696, MAX703, MAX704, MAX704R, MAX704S, MAX704T, MAX791, MAX800L, MAX800M, MAX801L, MAX801M, MAX801N, MAX802L, MAX802M, MAX802R, MAX802S, MAX802T, MAX804R, MAX804S, MAX804T, MAX805L, MAX805R, MAX805S, MAX805T, MAX806R, MAX806S, MAX806T, MAX807L, MAX807M, MAX807N, MAX808L, MAX808M, MAX808N, MAX817L, MAX817M, MAX818L, MAX818M, MAX819L, MAX819M MXD1210, MAX1259, MAX6361, MAX6362, MAX6363, MAX6364, MAX6365, MAX6366, MAX6367, **MAX6368, MAX793R, MAX793S, MAX793T, MAX794, MAX795R, MAX795S, MAX795T.**

**All model numbers may be followed by any combination of symbols, letters, and/or numbers that describe non-safety related characteristics.**

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

The components listed above provide a level of protection against reverse charging current when used in conjunction with a lithium battery.

Conditions of Acceptability - Consideration should be given to the following when determining the acceptability of these devices in specific applications.

1. These devices are normally intended for use as components where replacement is done by a trained technician.

2. These devices are intended for use as components in low voltage isolated secondary circuits where the case temperature is not expected to exceed 95°C and the voltage on any pin relative to ground is not to exceed 5.5 V dc. Reverse charging current under these conditions is negligible.

\* 3. These devices provide reverse charging current protection of 1  $\mu\text{A}$  maximum.

4. These devices are intended to be mounted on materials of Flammability Class V-1 or better.