



DOCUMENT CHANGE REQUEST

DCR number	600	Changes required for:	N/A	Originator:	Steve Thacker - ESCC
Date:	2011/12/02	Date sent:	2010/05/18	Organisation:	ESA/ESTEC
Status:	IMPLEMENTED				

Title:	REP001		
Number:	REP001	Issue:	8

Other documents affected:

REP002-6

Page:

Page 70; Class of Publication: 38

Paragraph:

Page 70; Class of Publication: 38

Original wording:


Proposed wording:

The following ESCC Detail Specification shall be removed & retired to REP002:
5103/028; Diode Rectifier Schottky, based on types 1N5817 to 1N5819; issue 1

Justification:

All variants specified in this Detail Spec are no longer supported for procurement by any known Manufacturer.

Note - Both Manufacturers, STMICROELECTRONICS (F) and MICROSEMI (I), have confirmed procurement support for one type in this Spec, 1N5819. However the new variants being offered by both Manufacturers have different electrical & mechanical characteristics compared to the existing 1N5819 variant (03) specified in 5103/028.
In addition as a Schottky Diode the applicable ESCC Class of Publication 53 "Diodes Schottky" should apply to 1N5819, rather than Class 38 ("Diodes Rectifier"). Hence a new ESCC Spec number, 5106/xxx, is being requested for the new variants.

Attachments:
N/A
Modifications:
N/A
Approval signature:

Date signed:
2011-12-02