



# DOCUMENT CHANGE REQUEST

DCR number	1806	Changes required for:	General	Originator:	Steve Thacker
Date:	2026/05/12	Date sent:	2026/04/27	Organisation:	ESCC Executive Secretariat
Status:	IMPLEMENTED				

Title: Diodes Microwave Silicon PIN, based on BXY42-MESA

Number:	5513/017	Issue:	7
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Other documents affected:

Page:

9, 11

Paragraph:

2.5.1 & 2.7

Original wording:

As per current issue above in Paras 2.5.2 & 2.7:  
i.e.  
For Variant 01, 02: CT = 0.24pF max  
For Variant 03: CT = 0.29pF max

Proposed wording:

Amend characteristic limit values in Paras 2.5.2 & 2.7 as follows:  
For Variant 01, 02: CT = 0.24pF min / 0.3pF max  
For Variant 03: CT = 0.29pF min / 0.35pF max

Justification:

DCR is raised on behalf of Manufacturer: Infineon Technologies AG.

Total Capacitance limits to be adjusted due to characteristics of the component package from the new supplier; see attached Infineon paper.

Attachments:

infineon\_dcr\_attachment\_\_dcr\_bxy42\_ct\_max\_change\_v1.pdf

Modifications:

N/A

Approval signature:

A handwritten signature in black ink, appearing to be a stylized name or set of initials.

Date signed:

2026-05-12