



Product Change Notification



Product Group: Diodes Division / March 11, 2020 / PCN-DD-005-2020 Rev 0

Die Passivation change

DESCRIPTION OF CHANGE: Vishay Semiconductors announces the change of the die passivation material from one single layer (Silicone Elastomer) to two layers (Polyimide plus Silicone Elastomer) on below Part Numbers.
Other Fab processes, total passivation thickness and deposition method will remain unchanged.

CLASSIFICATION OF CHANGE: Wafer/Chip/Pellet Process/Structure

REASON FOR CHANGE: Obsolescence of the current die passivation material from supplier.

EXPECTED INFLUENCE ON QUALITY/RELIABILITY/PERFORMANCE: There will be no effect on quality, reliability or electrical performance.

PRODUCT CATEGORY: Diodes, Modules

PART NUMBERS/SERIES/FAMILIES AFFECTED:

Part Number	Part Number	Part Number	Part Number
VS-305U250P4	VS-S1020	VS-S1790	VS-SD300C30C
VS-305UA250P4	VS-S1039	VS-S1844	VS-SD300C32C
VS-305UR250P4	VS-S1044	VS-S1845	VS-SD300N28PC
VS-305URA250P4	VS-S1052	VS-S1859	VS-SD300N32PC
VS-307UA250P4	VS-S1062	VS-S623B	VS-SD300R25PC
VS-307URA250P4	VS-S1063	VS-S829A	VS-SD300R28PC
VS-73-6287	VS-S1074	VS-S882	VS-SD300R32PC
VS-73-6336	VS-S1075	VS-S907	VS-SD500N36PTC
VS-73-6345	VS-S1079	VS-S908	VS-SD500R36PTC
VS-73-6346	VS-S1091	VS-S960	VS-SD553C30S50L
VS-73-6347	VS-S1092	VS-S961	VS-SD553C45S50L
VS-73-6348	VS-S1101	VS-SD1053C28S30L	VS-SD600N28PC
VS-74-7337	VS-S1116	VS-SD1053C28S30LP	VS-SD600N32PC
VS-74-7411	VS-S1123	VS-SD1053C30S30L	VS-SD600R28PC
VS-74-7448	VS-S1124	VS-SD1100C28J	VS-SD600R32PC
VS-74-7449	VS-S1133	VS-SD1100C30C	VS-SD700C30L
VS-74-7451	VS-S1134	VS-SD1100C30L	VS-SD700C36L
VS-74-7516	VS-S1139	VS-SD1100C32C	VS-SD700C45L
VS-74-7535	VS-S1270	VS-SD1100C32J	VS-SD800C24L
VS-74-7540	VS-S1287	VS-SD1100C32L	VS-SD800C30L
VS-74-7564	VS-S1313	VS-SD1500C25L	VS-SD800C36L
VS-74-7596	VS-S1317	VS-SD1500C30L	VS-SD800C40L
VS-74-7644	VS-S1318	VS-SD1553C30S30K	VS-SD800C45L

Part Number	Part Number	Part Number	Part Number
VS-74-7680	VS-S1366	VS-SD1700C24K	VS-SD853C45S50K
VS-74-7694	VS-S1394	VS-SD1700C30K	VS-VS30FDR30L
VS-74-7697	VS-S1395	VS-SD1700C36K	VS-VS38FDR30M
VS-74-7785	VS-S1626	VS-SD1700C45K	VS-VS38GDR45M
VS-74-7788	VS-S1731	VS-SD263C45S50L	VS-VSKC270-30PBF
VS-S1015	VS-S1732	VS-SD300C28C	VS-VSKD270-30PBF

VISHAY BRAND(s): Vishay Semiconductors

TIME SCHEDULE: Starting from April 13, 2020 Vishay will gradually start to ship the products with the new die passivation.

SAMPLE AVAILABILITY: Upon request

PRODUCT IDENTIFICATION: N/A

QUALIFICATION DATA: Available upon request

This PCN is considered approved, without further notification, unless we receive specific customer written concerns before April 10, 2020 or as specified by contract

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