



Product Change Notification



Product Group: Vishay Siliconix/ December 19, 2014/PCN-SIL-1062014 Rev 1

Vishay Siliconix Commercial MOSFET Material Set Standardization

DESCRIPTION OF CHANGE: In accordance to our continuing quality improvement plans, Vishay Siliconix announces the material set consolidation for several commercial Low Voltage MOSFET products in Vishay's PPAKSO8 and PPAK1212 package technologies.

The material set consolidation will entail converting those parts identified in the Parts List tables on pages 2 of this PCN to Hitachi's EN4620K epoxy die attach. This die attach product is already widely used on Vishay's PPAKSO8 and PPAK1212 production, and this conversion will serve to streamline manufacturing on these package technologies. Additionally, those parts with a "-E3" suffix will be converted to Hitachi's Halogen-free mold compound CEL9220HF13 already in production on their "-GE3" equivalent part number.

The part numbers listed on page 2 of this PCN will continue to be supported in production.

CLASSIFICATION OF CHANGE: Material set conversion

REASON FOR CHANGE: Enhanced long-term reliability, production streamlining

EXPECTED INFLUENCE ON QUALITY/RELIABILITY/PERFORMANCE: Enhancement to long-term product reliability. There will be no change to electrical performance, footprint or package dimensions. No changes to any datasheets.

PRODUCT Category: Power MOSFETs

PART NUMBERS/SERIES/FAMILIES AFFECTED: Pages 2 of this PCN list part numbers affected by the material set standardizations.

VISHAY BRAND(s): Vishay Siliconix

TIME SCHEDULE: Shipments will begin in March 2015.

SAMPLE AVAILABILITY: Samples are available now upon request. Please contact your regional Vishay Sales office to make arrangements of sample deliveries.

PRODUCT IDENTIFICATION: There will be no change to part numbering. Products affected by this material set conversion will have datecodes with W52xxx or later.

This PCN is considered approved, without further notification, unless we receive specific customer concerns before March 19, 2015 as specified by contract.

ISSUED BY: Dave MacDonald, Vishay Siliconix, Technical Marketing Manager. E-mail address: Dave.macdonald@Vishay.com

For further information, please contact your regional Vishay office.

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PCN SIL-1062014 Parts List

SI7403BDN-T1-E3
SI7403BDN-T1-GE3
SI7411DN-T1-E3
SI7411DN-T1-GE3
SI7413DN-T1-E3
SI7413DN-T1-GE3
SI7447ADP-T1-E3
SI7447ADP-T1-GE3
SI7459DP-T1-E3
SI7459DP-T1-GE3
SI7483ADP-T1-E3
SI7483ADP-T1-GE3
SI7491DP-T1-E3
SI7491DP-T1-GE3
SI7621DN-T1-GE3
SI7904BDN-T1-E3
SI7904BDN-T1-GE3
V30365-T1-GE3
SIS902DN-T1-GE3
SI7190DP-T1-GE3

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