Product Change Notification

Product Group: Diodes Division / September 14, 2016 / PCN-DD-019-2016 Rev. 0

Manufacturing Location Change for Automotive Grade 1.5KE TransZorb® TVS Products

DESCRIPTION OF CHANGE:

Vishay Diodes Division will transfer assembly & final test site of 1.5KE Axial Transient Voltage Suppressors (TVS) automotive grade products from Vishay General Semiconductor Taiwan (VGST) to Vishay Semiconductor Shanghai (VSS) in China. VSS has the experience on manufacturing commercial grade 1.5KE for 5 years. The assembly raw materials, process flows & controls used in VSS manufacturing site are the same as those used in the current VGST production. There is no change in form, fit and functions of the devices in customer applications.

The change of the label size of inner reel/box is summarized below:

Inner label (size 3*1.5”) VGST	Inner label (size 4.09 *1.42”) VSS

CLASSIFICATION OF CHANGE: Assembly site change

REASON FOR CHANGE: Production line consolidation

EXPECTED INFLUENCE ON QUALITY/RELIABILITY/PERFORMANCE:

No change in quality and reliability performance

PRODUCT CATEGORY: TransZorb® TVS

PART NUMBERS/SERIES/FAMILIES AFFECTED: Involved part numbers are listed below.

VGST PN	VSS New PN
1.5KE100AHE3/54	1.5KE100AHE3_A/C
1.5KE100AHE3/73	1.5KE100AHE3_A/D
1.5KE100CAHE3/54	1.5KE100CAHE3_A/C
1.5KE100CAHE3/73	1.5KE100CAHE3_A/D
1.5KE10AHE3/54	1.5KE10AHE3_A/C
1.5KE10AHE3/73	1.5KE10AHE3_A/D
1.5KE10CAHE3/54	1.5KE10CAHE3_A/C
1.5KE10CAHE3/73	1.5KE10CAHE3_A/D
1.5KE110AHE3/54	1.5KE110AHE3_A/C
1.5KE110AHE3/73	1.5KE110AHE3_A/D
1.5KE110CAHE3/54	1.5KE110CAHE3_A/C
1.5KE110CAHE3/73	1.5KE110CAHE3_A/D
1.5KE11AHE3/54	1.5KE11AHE3_A/C
1.5KE11AHE3/73	1.5KE11AHE3_A/D
1.5KE11CAHE3/54	1.5KE11CAHE3_A/C
1.5KE11CAHE3/73	1.5KE11CAHE3_A/D

VGST PN	VSS New PN
1.5KE120AHE3/54	1.5KE120AHE3_A/C
1.5KE120AHE3/73	1.5KE120AHE3_A/D
1.5KE120CAHE3/54	1.5KE120CAHE3_A/C
1.5KE120CAHE3/73	1.5KE120CAHE3_A/D
1.5KE12AHE3/54	1.5KE12AHE3_A/C
1.5KE12AHE3/73	1.5KE12AHE3_A/D
1.5KE12CAHE3/54	1.5KE12CAHE3_A/C
1.5KE12CAHE3/73	1.5KE12CAHE3_A/D
1.5KE130AHE3/54	1.5KE130AHE3_A/C
1.5KE130AHE3/73	1.5KE130AHE3_A/D
1.5KE130CAHE3/54	1.5KE130CAHE3_A/C
1.5KE130CAHE3/73	1.5KE130CAHE3_A/D
1.5KE13AHE3/54	1.5KE13AHE3_A/C
1.5KE13AHE3/73	1.5KE13AHE3_A/D
1.5KE13CAHE3/54	1.5KE13CAHE3_A/C
1.5KE13CAHE3/73	1.5KE13CAHE3_A/D

VGST PN	VSS New PN
1.5KE150AHE3/54	1.5KE150AHE3_A/C
1.5KE150AHE3/73	1.5KE150AHE3_A/D
1.5KE150CAHE3/54	1.5KE150CAHE3_A/C
1.5KE150CAHE3/73	1.5KE150CAHE3_A/D
1.5KE15AHE3/54	1.5KE15AHE3_A/C
1.5KE15AHE3/73	1.5KE15AHE3_A/D
1.5KE15CAHE3/54	1.5KE15CAHE3_A/C
1.5KE15CAHE3/73	1.5KE15CAHE3_A/D
1.5KE160AHE3/54	1.5KE160AHE3_A/C
1.5KE160AHE3/73	1.5KE160AHE3_A/D
1.5KE160CAHE3/54	1.5KE160CAHE3_A/C
1.5KE160CAHE3/73	1.5KE160CAHE3_A/D
1.5KE16AHE3/54	1.5KE16AHE3_A/C
1.5KE16AHE3/73	1.5KE16AHE3_A/D
1.5KE16CAHE3/54	1.5KE16CAHE3_A/C
1.5KE16CAHE3/73	1.5KE16CAHE3_A/D

VGST PN	VSS New PN
1.5KE170AHE3/54	1.5KE170AHE3_A/C
1.5KE170AHE3/73	1.5KE170AHE3_A/D
1.5KE170CAHE3/54	1.5KE170CAHE3_A/C
1.5KE170CAHE3/73	1.5KE170CAHE3_A/D
1.5KE180AHE3/54	1.5KE180AHE3_A/C
1.5KE180AHE3/73	1.5KE180AHE3_A/D
1.5KE180CAHE3/54	1.5KE180CAHE3_A/C
1.5KE180CAHE3/73	1.5KE180CAHE3_A/D
1.5KE18AHE3/54	1.5KE18AHE3_A/C
1.5KE18AHE3/73	1.5KE18AHE3_A/D
1.5KE18CAHE3/54	1.5KE18CAHE3_A/C
1.5KE18CAHE3/73	1.5KE18CAHE3_A/D
1.5KE200AHE3/54	1.5KE200AHE3_A/C
1.5KE200AHE3/73	1.5KE200AHE3_A/D
1.5KE200CAHE3/54	1.5KE200CAHE3_A/C
1.5KE200CAHE3/73	1.5KE200CAHE3_A/D
1.5KE20AHE3/54	1.5KE20AHE3_A/C
1.5KE20AHE3/73	1.5KE20AHE3_A/D
1.5KE20CAHE3/54	1.5KE20CAHE3_A/C
1.5KE20CAHE3/73	1.5KE20CAHE3_A/D
1.5KE220AHE3/54	1.5KE220AHE3_A/C
1.5KE220AHE3/73	1.5KE220AHE3_A/D
1.5KE220CAHE3/54	1.5KE220CAHE3_A/C
1.5KE220CAHE3/73	1.5KE220CAHE3_A/D
1.5KE22AHE3/54	1.5KE22AHE3_A/C
1.5KE22AHE3/73	1.5KE22AHE3_A/D
1.5KE22CAHE3/54	1.5KE22CAHE3_A/C
1.5KE22CAHE3/73	1.5KE22CAHE3_A/D
1.5KE24AHE3/54	1.5KE24AHE3_A/C
1.5KE24AHE3/73	1.5KE24AHE3_A/D
1.5KE24CAHE3/54	1.5KE24CAHE3_A/C
1.5KE24CAHE3/73	1.5KE24CAHE3_A/D
1.5KE27AHE3/54	1.5KE27AHE3_A/C
1.5KE27AHE3/73	1.5KE27AHE3_A/D
1.5KE27CAHE3/54	1.5KE27CAHE3_A/C
1.5KE27CAHE3/73	1.5KE27CAHE3_A/D
1.5KE30AHE3/54	1.5KE30AHE3_A/C
1.5KE30AHE3/73	1.5KE30AHE3_A/D
1.5KE30CAHE3/54	1.5KE30CAHE3_A/C
1.5KE30CAHE3/73	1.5KE30CAHE3_A/D
1.5KE33AHE3/54	1.5KE33AHE3_A/C
1.5KE33AHE3/73	1.5KE33AHE3_A/D
1.5KE33CAHE3/54	1.5KE33CAHE3_A/C
1.5KE33CAHE3/73	1.5KE33CAHE3_A/D
1.5KE36AHE3/54	1.5KE36AHE3_A/C
1.5KE36AHE3/73	1.5KE36AHE3_A/D
1.5KE36CA-81HE3/54	1.5KE36CA81HE3_A/C
1.5KE36CAHE3/54	1.5KE36CAHE3_A/C
1.5KE36CAHE3/73	1.5KE36CAHE3_A/D
1.5KE39AHE3/54	1.5KE39AHE3_A/C
1.5KE39AHE3/73	1.5KE39AHE3_A/D
1.5KE39CAHE3/54	1.5KE39CAHE3_A/C
1.5KE39CAHE3/73	1.5KE39CAHE3_A/D
1.5KE43AHE3/54	1.5KE43AHE3_A/C
1.5KE43AHE3/73	1.5KE43AHE3_A/D
1.5KE43CA801HE3/73	1.5KE43CA81HE3_A/D
1.5KE43CAHE3/54	1.5KE43CAHE3_A/C
1.5KE43CAHE3/73	1.5KE43CAHE3_A/D
1.5KE47AHE3/54	1.5KE47AHE3_A/C
1.5KE47AHE3/73	1.5KE47AHE3_A/D

VGST PN	VSS New PN
1.5KE47CAHE3/54	1.5KE47CAHE3_A/C
1.5KE47CAHE3/73	1.5KE47CAHE3_A/D
1.5KE51AHE3/54	1.5KE51AHE3_A/C
1.5KE51AHE3/73	1.5KE51AHE3_A/D
1.5KE51CAHE3/54	1.5KE51CAHE3_A/C
1.5KE51CAHE3/73	1.5KE51CAHE3_A/D
1.5KE56AHE3/54	1.5KE56AHE3_A/C
1.5KE56AHE3/73	1.5KE56AHE3_A/D
1.5KE56CAHE3/54	1.5KE56CAHE3_A/C
1.5KE56CAHE3/73	1.5KE56CAHE3_A/D
1.5KE6.8AHE3/54	1.5KE6.8AHE3_A/C
1.5KE6.8AHE3/73	1.5KE6.8AHE3_A/D
1.5KE6.8CAHE3/54	1.5KE6.8CAHE3_A/C
1.5KE6.8CAHE3/73	1.5KE6.8CAHE3_A/D
1.5KE62AHE3/54	1.5KE62AHE3_A/C
1.5KE62AHE3/73	1.5KE62AHE3_A/D
1.5KE62CAHE3/54	1.5KE62CAHE3_A/C
1.5KE62CAHE3/73	1.5KE62CAHE3_A/D
1.5KE68AHE3/54	1.5KE68AHE3_A/C
1.5KE68AHE3/73	1.5KE68AHE3_A/D
1.5KE68CAHE3/54	1.5KE68CAHE3_A/C
1.5KE68CAHE3/73	1.5KE68CAHE3_A/D
1.5KE7.5AHE3/54	1.5KE7.5AHE3_A/C
1.5KE7.5AHE3/73	1.5KE7.5AHE3_A/D
1.5KE7.5CAHE3/54	1.5KE7.5CAHE3_A/C
1.5KE7.5CAHE3/73	1.5KE7.5CAHE3_A/D
1.5KE75AHE3/54	1.5KE75AHE3_A/C
1.5KE75AHE3/73	1.5KE75AHE3_A/D
1.5KE75CAHE3/54	1.5KE75CAHE3_A/C
1.5KE75CAHE3/73	1.5KE75CAHE3_A/D
1.5KE8.2AHE3/54	1.5KE8.2AHE3_A/C
1.5KE8.2AHE3/73	1.5KE8.2AHE3_A/D
1.5KE8.2CAHE3/54	1.5KE8.2CAHE3_A/C
1.5KE8.2CAHE3/73	1.5KE8.2CAHE3_A/D
1.5KE82AHE3/54	1.5KE82AHE3_A/C
1.5KE82AHE3/73	1.5KE82AHE3_A/D
1.5KE82CAHE3/54	1.5KE82CAHE3_A/C
1.5KE82CAHE3/73	1.5KE82CAHE3_A/D
1.5KE9.1AHE3/54	1.5KE9.1AHE3_A/C
1.5KE9.1AHE3/73	1.5KE9.1AHE3_A/D
1.5KE9.1CAHE3/54	1.5KE9.1CAHE3_A/C
1.5KE9.1CAHE3/73	1.5KE9.1CAHE3_A/D
1.5KE91AHE3/54	1.5KE91AHE3_A/C
1.5KE91AHE3/73	1.5KE91AHE3_A/D
1.5KE91CAHE3/54	1.5KE91CAHE3_A/C
1.5KE91CAHE3/73	1.5KE91CAHE3_A/D
1N6267AHE3/54	1N6267AHE3_A/C
1N6267AHE3/73	1N6267AHE3_A/D
1N6268AHE3/54	1N6268AHE3_A/C
1N6268AHE3/73	1N6268AHE3_A/D
1N6269AHE3/54	1N6269AHE3_A/C
1N6269AHE3/73	1N6269AHE3_A/D
1N6270AHE3/54	1N6270AHE3_A/C
1N6270AHE3/73	1N6270AHE3_A/D
1N6271AHE3/54	1N6271AHE3_A/C
1N6271AHE3/73	1N6271AHE3_A/D
1N6272AHE3/54	1N6272AHE3_A/C
1N6272AHE3/73	1N6272AHE3_A/D
1N6273AHE3/54	1N6273AHE3_A/C
1N6273AHE3/73	1N6273AHE3_A/D

VGST PN	VSS New PN
1N6274AHE3/54	1N6274AHE3_A/C
1N6275AHE3/54	1N6275AHE3_A/C
1N6275AHE3/73	1N6275AHE3_A/D
1N6276AHE3/54	1N6276AHE3_A/C
1N6276AHE3/73	1N6276AHE3_A/D
1N6277AHE3/54	1N6277AHE3_A/C
1N6277AHE3/73	1N6277AHE3_A/D
1N6278AHE3/54	1N6278AHE3_A/C
1N6278AHE3/73	1N6278AHE3_A/D
1N6279AHE3/54	1N6279AHE3_A/C
1N6279AHE3/73	1N6279AHE3_A/D
1N6280AHE3/54	1N6280AHE3_A/C
1N6280AHE3/73	1N6280AHE3_A/D
1N6281AHE3/54	1N6281AHE3_A/C
1N6281AHE3/73	1N6281AHE3_A/D
1N6282AHE3/54	1N6282AHE3_A/C
1N6282AHE3/73	1N6282AHE3_A/D
1N6283AHE3/54	1N6283AHE3_A/C
1N6283AHE3/73	1N6283AHE3_A/D
1N6284AHE3/54	1N6284AHE3_A/C
1N6284AHE3/73	1N6284AHE3_A/D
1N6285AHE3/54	1N6285AHE3_A/C
1N6285AHE3/73	1N6285AHE3_A/D
1N6286AHE3/54	1N6286AHE3_A/C
1N6286AHE3/73	1N6286AHE3_A/D
1N6287AHE3/54	1N6287AHE3_A/C
1N6287AHE3/73	1N6287AHE3_A/D
1N6288AHE3/54	1N6288AHE3_A/C
1N6288AHE3/73	1N6288AHE3_A/D
1N6289AHE3/54	1N6289AHE3_A/C
1N6289AHE3/73	1N6289AHE3_A/D
1N6290AHE3/54	1N6290AHE3_A/C
1N6290AHE3/73	1N6290AHE3_A/D
1N6291AHE3/54	1N6291AHE3_A/C
1N6291AHE3/73	1N6291AHE3_A/D
1N6292AHE3/54	1N6292AHE3_A/C
1N6292AHE3/73	1N6292AHE3_A/D
1N6293AHE3/54	1N6293AHE3_A/C
1N6293AHE3/73	1N6293AHE3_A/D
1N6294AHE3/54	1N6294AHE3_A/C
1N6294AHE3/73	1N6294AHE3_A/D
1N6295AHE3/54	1N6295AHE3_A/C
1N6296AHE3/54	1N6296AHE3_A/C
1N6296AHE3/73	1N6296AHE3_A/D
1N6297AHE3/54	1N6297AHE3_A/C
1N6297AHE3/73	1N6297AHE3_A/D
1N6298AHE3/54	1N6298AHE3_A/C
1N6299AHE3/54	1N6299AHE3_A/C
1N6299AHE3/73	1N6299AHE3_A/D
1N6300AHE3/54	1N6300AHE3_A/C
1N6301AHE3/54	1N6301AHE3_A/C
1N6302AHE3/54	1N6302AHE3_A/C
1N6303AHE3/54	1N6303AHE3_A/C
1N6303AHE3/73	1N6303AHE3_A/D
1N6373HE3/54	1N6373HE3_A/C
1N6373HE3/73	1N6373HE3_A/D
1N6374HE3/54	1N6374HE3_A/C
1N6374HE3/73	1N6374HE3_A/D
1N6375HE3/54	1N6375HE3_A/C
1N6375HE3/73	1N6375HE3_A/D

VGST PN	VSS New PN
1N6376HE3/54	1N6376HE3_A/C
1N6376HE3/73	1N6376HE3_A/D
1N6377HE3/54	1N6377HE3_A/C
1N6377HE3/73	1N6377HE3_A/D
1N6378HE3/54	1N6378HE3_A/C
1N6378HE3/73	1N6378HE3_A/D
1N6382HE3/54	1N6382HE3_A/C
1N6382HE3/73	1N6382HE3_A/D
1N6383HE3/54	1N6383HE3_A/C
1N6383HE3/73	1N6383HE3_A/D
1N6384HE3/54	1N6384HE3_A/C
1N6384HE3/73	1N6384HE3_A/D
1N6385HE3/54	1N6385HE3_A/C

VGST PN	VSS New PN
1N6385HE3/73	1N6385HE3_A/D
1N6386HE3/54	1N6386HE3_A/C
1N6386HE3/73	1N6386HE3_A/D
ICTE10CHE3/54	ICTE10CHE3_A/C
ICTE10CHE3/73	ICTE10CHE3_A/D
ICTE10HE3/54	ICTE10HE3_A/C
ICTE10HE3/73	ICTE10HE3_A/D
ICTE12CHE3/54	ICTE12CHE3_A/C
ICTE12CHE3/73	ICTE12CHE3_A/D
ICTE12HE3/54	ICTE12HE3_A/C
ICTE12HE3/73	ICTE12HE3_A/D
ICTE15CHE3/54	ICTE15CHE3_A/C
ICTE15CHE3/73	ICTE15CHE3_A/D

VGST PN	VSS New PN
ICTE15HE3/54	ICTE15HE3_A/C
ICTE15HE3/73	ICTE15HE3_A/D
ICTE18CHE3/54	ICTE18CHE3_A/C
ICTE18CHE3/73	ICTE18CHE3_A/D
ICTE18HE3/54	ICTE18HE3_A/C
ICTE18HE3/73	ICTE18HE3_A/D
ICTE5HE3/54	ICTE5HE3_A/C
ICTE5HE3/73	ICTE5HE3_A/D
ICTE8CHE3/54	ICTE8CHE3_A/C
ICTE8CHE3/73	ICTE8CHE3_A/D
ICTE8HE3/54	ICTE8HE3_A/C
ICTE8HE3/73	ICTE8HE3_A/D

VISHAY BRAND: Vishay General Semiconductor

TIME SCHEDULE: Start Conversion Date: December 1, 2016
Last Time Buy of Existing P/N: March 14, 2017
Last Time Shipment of Existing P/N: September 14, 2017

SAMPLE ABAILABILITY: Available upon request.

PRODUCT IDENTIFICATION:
Adding underscore (_) + revision code “A” following base part number, and Suffix “V” denoting Shanghai plant code on Date code (XXXV) marking for identification. Meanwhile, the package code will be simplified. Please refer to Fast Fact #FF-DD-002-2015 for details.

QUALIFICATION DATA: Available upon request.

RESPONSE DATE: This PCN is considered approved, without further notification, unless we receive specific customer concerns before ***November 14, 2016*** or as specified by contract.

ISSUED BY: Henry Chi, Sr. Product Marketing Manager

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