



40 V Schottky Rectifiers in SMA / SMB / SMC Packages: T_J max Change from 125 °C to 150 °C

The Vishay Diodes Division announces that it is upgrading the T_J max. (maximum junction temperature) for its 40 V Schottky rectifiers in the SMA / SMB / SMC packages from 125 °C to 150 °C based on a recently completed positive reliability verification.

All the electrical and mechanical parameters for these devices remain unchanged, except Forward Current Derating Curve, Forward/Reverse Characteristics Curve, and T_J max. These will be revised accordingly in the product datasheets.

VISHAY BRAND: Vishay General Semiconductor

PART NUMBERS/SERIES/FAMILIES AFFECTED:

Product	Case Outline	Part Number
Schottky	DO-214AC (SMA)	SS12~SS14-E3/-M3/HE3
	DO-214AA (SMB)	SS22~SS24-E3/-M3/HE3
	DO-214AB (SMC)	SS32~SS34-E3/-M3/HE3

PLANNED IMPLEMENTATION DATE: August 20, 2015

SAMPLE AVAILABILITY: N/A

QUALIFICATION DATA: Available upon request

ISSUED BY:

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Fast Facts



Product Group: Vishay Semiconductors / Diodes / August 2015 /FF-DD-004-2015
Vishay Brand: Vishay General Semiconductor

PART NUMBERS AFFECTED:

Case Outline	Part Number	Case Outline	Part Number	Case Outline	Part Number
DO-214AC (SMA)	SS12-E3/5AT	DO-214AA (SMB)	SS22-E3/52T	DO-214AB (SMC)	SS32-E3/57T
DO-214AC (SMA)	SS12-E3/61T	DO-214AA (SMB)	SS22-E3/5BT	DO-214AB (SMC)	SS32-E3/9AT
DO-214AC (SMA)	SS12HE3/61T	DO-214AA (SMB)	SS22HE3/52T	DO-214AB (SMC)	SS32HE3_A/H
DO-214AC (SMA)	SS12HE3_A/H	DO-214AA (SMB)	SS22HE3/5BT	DO-214AB (SMC)	SS32HE3_A/I
DO-214AC (SMA)	SS12HE3_A/I	DO-214AA (SMB)	SS22HE3_A/H	DO-214AB (SMC)	SS32-M3/57T
DO-214AC (SMA)	SS12-M3/5AT	DO-214AA (SMB)	SS22HE3_A/I	DO-214AB (SMC)	SS32-M3/9AT
DO-214AC (SMA)	SS12-M3/61T	DO-214AA (SMB)	SS22-M3/52T	DO-214AB (SMC)	SS33-E3/57T
DO-214AC (SMA)	SS13-E3/5AT	DO-214AA (SMB)	SS22-M3/5BT	DO-214AB (SMC)	SS33-E3/9AT
DO-214AC (SMA)	SS13-E3/61T	DO-214AA (SMB)	SS23-E3/52T	DO-214AB (SMC)	SS33HE3_A/H
DO-214AC (SMA)	SS13HE3_A/H	DO-214AA (SMB)	SS23-E3/5BT	DO-214AB (SMC)	SS33HE3_A/I
DO-214AC (SMA)	SS13HE3_A/I	DO-214AA (SMB)	SS23HE3/52T	DO-214AB (SMC)	SS33-M3/57T
DO-214AC (SMA)	SS13-M3/5AT	DO-214AA (SMB)	SS23HE3/5BT	DO-214AB (SMC)	SS33-M3/9AT
DO-214AC (SMA)	SS13-M3/61T	DO-214AA (SMB)	SS23HE3_A/H	DO-214AB (SMC)	SS34-3HE3/57T
DO-214AC (SMA)	SS14-61HE3J_A/H	DO-214AA (SMB)	SS23HE3_A/I	DO-214AB (SMC)	SS34-3HE3/9AT
DO-214AC (SMA)	SS14-6600HE3_A/H	DO-214AA (SMB)	SS23-M3/52T	DO-214AB (SMC)	SS34-3HE3_A/H
DO-214AC (SMA)	SS14-6605HE3_A/H	DO-214AA (SMB)	SS23-M3/5BT	DO-214AB (SMC)	SS34-3HE3_A/I
DO-214AC (SMA)	SS14-6605HE3J_A/H	DO-214AA (SMB)	SS24-7000HE3/5BT	DO-214AB (SMC)	SS34-61HE3J/9AT
DO-214AC (SMA)	SS14-6HE3/5AT	DO-214AA (SMB)	SS24-7000HE3_A/I	DO-214AB (SMC)	SS34-61HE3J_A/I
DO-214AC (SMA)	SS14-6HE3_A/I	DO-214AA (SMB)	SS24-7002E3/5BT	DO-214AB (SMC)	SS34-7000HE3_A/I
DO-214AC (SMA)	SS14-7000HE3_A/I	DO-214AA (SMB)	SS24-E3/52T	DO-214AB (SMC)	SS34-7001HE3_A/I
DO-214AC (SMA)	SS14-7001HE3_A/I	DO-214AA (SMB)	SS24-E3/5BT	DO-214AB (SMC)	SS34-E3/57T
DO-214AC (SMA)	SS14-71CHE3/5AT	DO-214AA (SMB)	SS24HE3/52T	DO-214AB (SMC)	SS34-E3/9AT
DO-214AC (SMA)	SS14-71CHE3_A/I	DO-214AA (SMB)	SS24HE3/5BT	DO-214AB (SMC)	SS34HE3/57T
DO-214AC (SMA)	SS14-E3/5AT	DO-214AA (SMB)	SS24HE3_A/H	DO-214AB (SMC)	SS34HE3/9AT
DO-214AC (SMA)	SS14-E3/61T	DO-214AA (SMB)	SS24HE3_A/I	DO-214AB (SMC)	SS34HE3_A/H
DO-214AC (SMA)	SS14HE3/5AT	DO-214AA (SMB)	SS24-M3/52T	DO-214AB (SMC)	SS34HE3_A/I
DO-214AC (SMA)	SS14HE3/61T	DO-214AA (SMB)	SS24-M3/5BT	DO-214AB (SMC)	SS34-M3/57T
DO-214AC (SMA)	SS14HE3_A/H				SS34-M3/9AT
DO-214AC (SMA)	SS14HE3_A/I				
DO-214AC (SMA)	SS14-M3/5AT				
DO-214AC (SMA)	SS14-M3/61T				