



Product Change Notification



Product Group: Diodes Division / March 31, 2020 / PCN-DD-006-2020 Rev. 0

Additional Schottky Wafer Foundry for Commercial Grade SMX & SMP Rectifiers and Die Thickness Consolidation

DESCRIPTION OF CHANGE:

In addition to the existing in-house Schottky wafer source, Vishay Diodes Division is introducing a subcontractor Schottky foundry in Tianjin, China for commercial grade SMA, SMB, SMC & SMP 20V~40V Schottky rectifiers. Also taking advantage of this notification, the SMA & SMC Schottky die thickness is changed and consolidated from 14mil to 12mil.

There will be no change in form, fit and function on all involved products.

CLASSIFICATION OF CHANGE: Wafer/Chip/Pellet site, Die thickness

REASON FOR CHANGE: Capacity expansion / Process consolidation

EXPECTED INFLUENCE ON QUALITY/RELIABILITY/PERFORMANCE:

No changes in quality and reliability performance.

PRODUCT CATEGORY: Rectifiers

PART NUMBERS/SERIES/FAMILIES AFFECTED:

Involved part numbers are listed in below table.

➤ Additional Schottky wafer source

Part Number	Part Number	Part Number	Part Number	Part Number
B120-E3/5AT	B340A-M3/61T	SSA24-M3/5AT	SS24-E3/52T	SSC54-E3/57T
B120-E3/61T	BYS10-25-M3/TR	SSA24-M3/61T	SS24-E3/5BT	SSC54-E3/9AT
B120-M3/5AT	BYS10-25-M3/TR3	SSA34-E3/5AT	SS24-E3C/H	SSC54-M3/57T
B120-M3/61T	BYS10-35-M3/TR	SSA34-E3/61T	SS24-M3/52T	SSC54-M3/9AT
B130-E3/5AT	BYS10-35-M3/TR3	SSA34-E3R/61T	SS24-M3/5BT	SS1P4L-M3/84A
B130-E3/61T	BYS10-45-M3/TR	SSA34-M3/5AT	SSB44-E3/52T	SS1P4L-M3/85A
B130-M3/5AT	BYS10-45-M3/TR3	SSA34-M3/61T	SSB44-E3/5BT	SS1P4-M3/84A
B130-M3/61T	SS12-M3/5AT	B340LB-E3/52T	SSB44-E3C/I	SS1P4-M3/85A
B140-E3/5AT	SS12-M3/61T	B340LB-E3/5BT	SSB44-M3/52T	SS2P2-M3/84A
B140-E3/61T	SS13-M3/5AT	B340LB-M3/52T	SSB44-M3/5BT	SS2P2-M3/85A
B140-M3/5AT	SS13-M3/61T	B340LB-M3/5BT	SL44-M3/57T	SS2P3-5001M3/84A
B140-M3/61T	SS14-M3/5AT	SS22-E3/52T	SL44-M3/9AT	SS2P3-M3/84A
B240A-E3/5AT	SS14-M3/61T	SS22-E3/5BT	SS32-M3/57T	SS2P3-M3/85A
B240A-E3/61T	SS23S-M3/5AT	SS22-M3/52T	SS32-M3/9AT	SS2P4-M3/84A
B240A-M3/5AT	SS23S-M3/61T	SS22-M3/5BT	SS33-M3/57T	SS2P4-M3/85A
B240A-M3/61T	SS24S-M3/5AT	SS23-E3/52T	SS33-M3/9AT	SS3P4-6002M3/84A
B340A-E3/5AT	SS24S-M3/61T	SS23-E3/5BT	SS34-M3/57T	SS3P4-M3/84A
B340A-E3/61T	SSA24-E3/5AT	SS23-M3/52T	SS34-M3/9AT	SS3P4-M3/85A
B340A-M3/5AT	SSA24-E3/61T	SS23-M3/5BT	SS34-M3P/H	



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➤ Additional Schottky wafer source + Die thickness consolidation

Part Number	Part Number	Part Number	Part Number	Part Number
BYS10-25-E3/TR	SS12-E3/5AT	SS14-E3/61T	SL44-E3/57T	SS34-E3/57T
BYS10-25-E3/TR3	SS12-E3/61T	SS22S-E3/61T	SL44-E3/9AT	SS34-E3/9AT
BYS10-35-E3/TR	SS12-E3H/H	SS23S-E3/61T	SS32-E3/57T	
BYS10-35-E3/TR3	SS13-E3/5AT	SS24S-E3/5AT	SS32-E3/9AT	
BYS10-45-E3/TR	SS13-E3/61T	SS24S-E3/61T	SS33-E3/57T	
BYS10-45-E3/TR3	SS14-E3/5AT	SS24S-E3H/H	SS33-E3/9AT	

➤ Die thickness consolidation only:

Part Number	Part Number	Part Number	Part Number	Part Number
SL12-E3/5AT	SS15-E3/5AT	SS25S-E3/5AT	SL42-E3/57T	SS35-E3/57T
SL12-E3/61T	SS15-E3/61T	SS25S-E3/61T	SL42-E3/9AT	SS35-E3/9AT
SL13-E3/5AT	SS16-E3/5AT	SS26S-E3/5AT	SL43-E3/57T	SS36-E3/57T
SL13-E3/61T	SS16-E3/61T	SS26S-E3/61T	SL43-E3/9AT	SS36-E3/9AT

VISHAY BRAND: Vishay General Semiconductor

TIME SCHEDULE: Start Implement Date: June 10, 2020

SAMPLE AVAILABILITY: Available upon request.

PRODUCT IDENTIFICATION: Wafer source traceability is done through Lot Number.

QUALIFICATION DATA: Available upon request.

RESPONSE DATE:

This PCN is considered approved, without further notification, unless we receive specific customer written concerns before **May 31, 2020** or as specified by contract.

ISSUED BY: R.S. Chin, Product Marketing Director – Rectifiers (Standard & Schottky)

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