



Product Change Notification



Product Group: Diodes / April 14th, 2014 / PCN-DD-008-2014 Rev.0

6 inches qualification for Schottky bare die Products

DESCRIPTION OF CHANGE: Vishay Semiconductors announces that the Silicon Wafer diameter used as raw material will change from 5 inches (125 mm) to 6 inches (150 mm) and manufacturing process will be adapted to 6" existing lines.

CLASSIFICATION OF CHANGE: Wafer/Chip/Pellet Layout/Design

REASON FOR CHANGE: Wafer process consolidation

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

PRODUCT CATEGORY: Schottky

PART NUMBERS/SERIES/FAMILIES AFFECTED:

OLD PRODUCT ON 5"	PACKAGE	NEW PRODUCT ON 6"
VS-SC050H045A5F	Die on film	VS-SC050H045A6F
VS-SC050H100A5F	Die on film	VS-SC050H100A6F
VS-SC060H100A5F	Die on film	VS-SC060H100A6F
VS-SC060S060A5F	Die on film	VS-SC060S060A6F
VS-SC105H045A5F	Die on film	VS-SC105H045A6F
VS-SC105H100A5F	Die on film	VS-SC105H100A6F
VS-SC170H045A5F	Die on film	VS-SC170H045A6F
VS-SC180H100A5F	Die on film	VS-SC180H100A6F
VS-SC060H100A5P	Die on tray	VS-SC060H100A6P
VS-SC060S060A5P	Die on tray	VS-SC060S060A6P
VS-SC070S030A5P	Die on tray	VS-SC070S030A6P
VS-SC105H045A5P	Die on tray	VS-SC105H045A6P
VS-SC105H100A5P	Die on tray	VS-SC105H100A6P
VS-SC105S060A5P	Die on tray	VS-SC105S060A6P
VS-SC125H045A5P	Die on tray	VS-SC125H045A6P
VS-SC125H100A5P	Die on tray	VS-SC125H100A6P
VS-SC170H045A5P	Die on tray	VS-SC170H045A6P
VS-SC180S045A5P	Die on tray	VS-SC180S045A6P
VS-SC200H100A5P	Die on tray	VS-SC200H100A6P
VS-96-1124	Die on wafer	VS-96-1124
VS-96-1124W	Die on wafer	VS-96-1124W
VS-96-1125	Die on wafer	VS-96-1125
VS-96-1125W	Die on wafer	VS-96-1125W

Vishay Intertechnology, Inc.

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ONE OF THE WORLD'S LARGEST MANUFACTURERS OF DISCRETE SEMICONDUCTORS AND PASSIVE COMPONENT

OLD PRODUCT ON 5"	PACKAGE	NEW PRODUCT ON 6"
VS-96-1126	Die on wafer	VS-96-1126
VS-96-1129	Die on wafer	VS-96-1129
VS-96-1129W	Die on wafer	VS-96-1129W
VS-S1526	Die on wafer	VS-S1526
VS-S1527	Die on wafer	VS-S1527
VS-S1528	Die on wafer	VS-S1528
VS-S1530	Die on wafer	VS-S1530
VS-S1532	Die on wafer	VS-S1532
VS-SC036S030A5B	Die on wafer	VS-SC036S030A6B
VS-SC036S045A5B	Die on wafer	VS-SC036S045A6B
VS-SC060H100A5B	Die on wafer	VS-SC060H100A6B
VS-SC060S045A5BY	Die on wafer	VS-SC060S045A6B
VS-SC060S060A5B	Die on wafer	VS-SC060S060A6B
VS-SC070H045A5B	Die on wafer	VS-SC070H045A6B
VS-SC070H100A5B	Die on wafer	VS-SC070H100A6B
VS-SC070S030A5B	Die on wafer	VS-SC070S030A6B
VS-SC070S045A5B	Die on wafer	VS-SC070S045A6B
VS-SC105H045A5B	Die on wafer	VS-SC105H045A6B
VS-SC105H100A5B	Die on wafer	VS-SC105H100A6B
VS-SC105S045A5B	Die on wafer	VS-SC105S045A6B
VS-SC105S060A5B	Die on wafer	VS-SC105S060A6B
VS-SC125H045A5B	Die on wafer	VS-SC125H045A6B
VS-SC125H100A5B	Die on wafer	VS-SC125H100A6B
VS-SC125S020A5BT	Die on wafer	VS-SC125S020A6BT
VS-SC125S060A5BT	Die on wafer	VS-SC125S060A6BT
VS-SC170H045A5BY	Die on wafer	VS-SC170H045A6B
VS-SC170S030A5B	Die on wafer	VS-SC170S030A6B
VS-SC180H100A5B	Die on wafer	VS-SC180H100A6B
VS-SC180S060A5B	Die on wafer	VS-SC180S060A6B
VS-SC200H045A5B	Die on wafer	VS-SC200H045A6B
VS-SC200H100A5B	Die on wafer	VS-SC200H100A6B
VS-SC200S045A5B	Die on wafer	VS-SC200S045A6B
VS-SC202H100A5BT	Die on wafer	na
VS-SC202S020A5BT	Die on wafer	na
VS-SC202S030A5BT	Die on wafer	na
VS-SC050H100A5R	Die T&R	VS-SC050H100A6R

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VS-SC060H100A5R	Die T&R	VS-SC060H100A6R
VS-SC060S045A5R	Die T&R	VS-SC060S045A6R
VS-SC105H045A5R	Die T&R	VS-SC105H045A6R
VS-SC105H100A5R	Die T&R	VS-SC105H100A6R
VS-SC105S030A5R	Die T&R	VS-SC105S030A6R
VS-SC170H045A5R	Die T&R	VS-SC170H045A6R
VS-SC180S045A5R	Die T&R	VS-SC180S045A6R
VS-SC200S030A5R	Die T&R	VS-SC200S030A6R

Additional part numbers released in Die on film, Die on wafer, Die T&R and Die on tray packages after the effective date of this PCN will be covered by this announcement.

VISHAY BRAND(s): Vishay Semiconductors

TIME SCHEDULE: After June 16th, 2014 Vishay may start to implement the above changes on new production

SAMPLE AVAILABILITY: On customer request

PRODUCT IDENTIFICATION: N/A

QUALIFICATION DATA: Available on request

This PCN is considered approved, without further notification, unless we receive specific customer concerns before May 30th, 2014 or as specified by contract.

ISSUED BY:

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