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## Additional In-House Backend Assembly Site for Automotive Grade Rectifiers and TVS Products in SMPC Package

For further information, please contact your regional Vishay office.

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**Description of Change:** To support BCP (Business Continuity Program), Vishay Diodes Division is introducing an additional in-house back-end manufacturing site for Automotive Grade products in SMPC package (Case Outline: TO-277A).

This assembly site is located in Kaohsiung, Taiwan, and already has manufacturing experience in Automotive Grade surface mount packaged products. Meanwhile, wafer diameter for S4PxHM3 series products will be converted from 4inch to 5inch. Please refer to annex 1 for change view and LTB/LTS information. There is no change in form, fit and function on all involved part numbers.

**Classification of Change:** Capacity expansion and risk management

**Expected Influence on Quality/Reliability/Performance:** No change in quality and reliability performance

**Part Numbers/Series/Families Affected:** Please see materials list on the succeeding page.

**Vishay Brand(S):** Vishay General Semiconductor

#### Time Schedule:

Start Shipment Date: Sat Apr 1, 2023

**Sample Availability:** Available upon request

**Product Identification:** The new manufacturing code "K" will be marked next to the date code of device marking as the identification of Additional manufacturing site, for example, "M31K" (M – halogen-free compound, 3 - 2023, 1 – January, K – Kaohsiung, Taiwan).

**Qualification Data:** Available upon request

**This PCN is considered approved, without further notification, unless we receive specific customer concerns before Fri Mar 31, 2023 or as specified by contract.**

**Issued By:** Alessandro Bonaudo, Eddie Hwang, Ivan Chen, Jill Li



# Product Change Notification



Product Group: DD/Fri Dec 30, 2022/PCN-DD-037-2022-REV-0

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AR3PDHM3_A/H	AR3PDHM3_A/I	AR3PGHM3_A/H	AR3PGHM3_A/I	AR3PJHM3_A/H
AR3PJHM3_A/I	AR3PKHM3_A/H	AR3PKHM3_A/I	AR3PMHM3_A/H	AR3PMHM3_A/I
AR4PDHM3_A/H	AR4PDHM3_A/I	AR4PGHM3_A/H	AR4PGHM3_A/I	AR4PJHM3_A/H
AR4PJHM3_A/I	AR4PKHM3_A/H	AR4PKHM3_A/I	AR4PMHM3_A/H	AR4PMHM3_A/I
AS3PDHM3_A/H	AS3PDHM3_A/I	AS3PGHM3_A/H	AS3PGHM3_A/I	AS3PJHM3_A/H
AS3PJHM3_A/I	AS3PKHM3_A/H	AS3PKHM3_A/I	AS3PMHM3_A/H	AS3PMHM3_A/I
AS4PDHM3_A/H	AS4PDHM3_A/I	AS4PGHM3_A/H	AS4PGHM3_A/I	AS4PJHM3_A/H
AS4PJHM3_A/I	AS4PKHM3_A/H	AS4PKHM3_A/I	AS4PMHM3_A/H	AS4PMHM3_A/I
AU2PDHM3_A/H	AU2PDHM3_A/I	AU2PGHM3_A/H	AU2PGHM3_A/I	AU2PJHM3_A/H
AU2PJHM3_A/I	AU2PKHM3_A/H	AU2PKHM3_A/I	AU2PMHM3_A/H	AU2PMHM3_A/I
AU3PDHM3_A/H	AU3PDHM3_A/I	AU3PGHM3_A/H	AU3PGHM3_A/I	AU3PJHM3_A/H
AU3PJHM3_A/I	AU3PKHM3_A/H	AU3PKHM3_A/I	AU3PMHM3_A/H	AU3PMHM3_A/I
S4PBHM3_A/H	S4PBHM3_A/I	S4PDHM3_A/H	S4PDHM3_A/I	S4PG-BHM3_A/I
S4PGHM3_A/H	S4PGHM3_A/I	S4PJHM3_A/H	S4PJHM3_A/I	S4PKHM3_A/H
S4PKHM3_A/I	S4PMHM3_A/H	S4PMHM3_A/I	SE40PBHM3_A/H	SE40PBHM3_A/I
SE40PDHM3_A/H	SE40PDHM3_A/I	SE40PGHM3_A/H	SE40PGHM3_A/I	SE40PJHM3_A/H
SE40PJHM3_A/I	SE70PBHM3_A/H	SE70PBHM3_A/I	SE70PDHM3_A/H	SE70PDHM3_A/I
SE70PGHM3_A/H	SE70PGHM3_A/I	SE70PJ-61HM3J_A/H	SE70PJHM3_A/H	SE70PJHM3_A/I
SMPC22ANHM3/H	SMPC22ANHM3/I	SMPC24ANHM3/H	SMPC24ANHM3/I	SMPC26ANHM3/H
SMPC26ANHM3/I	SMPC28AN-01HM3/I	SMPC28ANHM3/H	SMPC28ANHM3/I	SMPC30ANHM3/H
SMPC30ANHM3/I	SMPC33ANHM3/H	SMPC33ANHM3/I	SMPC36ANHM3/H	SMPC36ANHM3/I
SMPC40ANHM3/H	SMPC40ANHM3/I	SMPC43ANHM3/H	SMPC43ANHM3/I	SMPC45ANHM3/H
SMPC45ANHM3/I	SMPC48ANHM3/H	SMPC48ANHM3/I	SMPC51ANHM3/H	SMPC51ANHM3/I
SMPC54ANHM3/H	SMPC54ANHM3/I	SMPC58ANHM3/H	SMPC58ANHM3/I	SMPC60ANHM3/H
SMPC60ANHM3/I	SMPC64ANHM3/H	SMPC64ANHM3/I	SMPC70ANHM3/H	SMPC70ANHM3/I
SMPC75ANHM3/H	SMPC75ANHM3/I	SMPC78ANHM3/H	SMPC78ANHM3/I	SMPC85ANHM3/H
SMPC85ANHM3/I	SS10P3HM3_A/H	SS10P3HM3_A/I	SS10P4HM3_A/H	SS10P4HM3_A/I
SS10P5HM3_A/H	SS10P5HM3_A/I	SS10P6-61HM3J_A/H	SS10P6HM3_A/H	SS10P6HM3_A/I
SS10PH10-BHM3_A/H	SS10PH10-BHM3_A/I	SS10PH10HM3_A/H	SS10PH10HM3_A/I	SS10PH45HM3_A/H
SS10PH45HM3_A/I	SS10PH9HM3_A/H	SS10PH9HM3_A/I	SS12P2LHM3_A/H	SS12P2LHM3_A/I
SS12P3LHM3_A/H	SS12P3LHM3_A/I	SS3P3LHM3_A/H	SS3P3LHM3_A/I	SS3P4LHM3_A/H
SS3P4LHM3_A/I	SS3P5LHM3_A/H	SS3P5LHM3_A/I	SS3P6L-61HM3J_A/H	SS3P6LHM3_A/H
SS3P6LHM3_A/I	SS5P10-61HM3J_A/H	SS5P10HM3H_A/H	SS5P10HM3_A/H	SS5P10HM3_A/I
SS5P3HM3_A/H	SS5P3HM3_A/I	SS5P4-61HM3J_A/H	SS5P4-61HM3J_A/I	SS5P4HM3H_A/H
SS5P4HM3_A/H	SS5P4HM3_A/I	SS5P5HM3_A/H	SS5P5HM3_A/I	SS5P6-6001HM3/86A
SS5P6HM3J_A/H	SS5P6HM3_A/H	SS5P6HM3_A/I	SS5P9HM3_A/H	SS5P9HM3_A/I
SS8P2LHM3_A/H	SS8P2LHM3_A/I	SS8P3L-61HM3J_A/H	SS8P3LHM3_A/H	SS8P3LHM3_A/I
SS8PH10-01HM3_A/H	SS8PH10-61HM3J_A/H	SS8PH10HM3J_A/H	SS8PH10HM3_A/H	SS8PH10HM3_A/I
SS8PH9-61HM3J_A/H	SS8PH9HM3_A/H	SS8PH9HM3_A/I	TPC10AHM3_A/H	TPC10AHM3_A/I
TPC11AHM3_A/H	TPC11AHM3_A/I	TPC11CAHM3/H	TPC11CAHM3/I	TPC12AHM3_A/H
TPC12AHM3_A/I	TPC12CAHM3/H	TPC12CAHM3/I	TPC13AHM3_A/H	TPC13AHM3_A/I
TPC13CAHM3/H	TPC13CAHM3/I	TPC15AHM3_A/H	TPC15AHM3_A/I	TPC15CAHM3/H
TPC15CAHM3/I	TPC16A-61HM3J_A/H	TPC16AHM3_A/H	TPC16AHM3_A/I	TPC16CAHM3/H
TPC16CAHM3/I	TPC18A-61HM3J_A/H	TPC18AHM3_A/H	TPC18AHM3_A/I	TPC18CAHM3/H
TPC18CAHM3/I	TPC20AHM3_A/H	TPC20AHM3_A/I	TPC20CAHM3/H	TPC20CAHM3/I
TPC22A-61HM3J_A/H	TPC22AHM3_A/H	TPC22AHM3_A/I	TPC22CAHM3/H	TPC22CAHM3/I
TPC24AHM3_A/H	TPC24AHM3_A/I	TPC24CAHM3/H	TPC24CAHM3/I	TPC27AHM3_A/H
TPC27AHM3_A/I	TPC27CAHM3/H	TPC27CAHM3/I	TPC30AHM3_A/H	TPC30AHM3_A/I
TPC30CAHM3/H	TPC30CAHM3/I	TPC33A-01HM3_A/H	TPC33A-01HM3_A/I	TPC33AHM3J_A/H
TPC33AHM3_A/H	TPC33AHM3_A/I	TPC33CAHM3/H	TPC33CAHM3/I	TPC36AHM3_A/H
TPC36AHM3_A/I	TPC36CAHM3/H	TPC36CAHM3/I	TPC39A-6001HM3_A/H	TPC39AHM3_A/H
TPC39AHM3_A/I	TPC43AHM3_A/H	TPC43AHM3_A/I	TPC47AHM3_A/H	TPC47AHM3_A/I
TPC51AHM3_A/H	TPC51AHM3_A/I	TPC6.8AHM3_A/H	TPC6.8AHM3_A/I	TPC7.5AHM3_A/H
TPC7.5AHM3_A/I	TPC8.2AHM3_A/H	TPC8.2AHM3_A/I	TPC9.1AHM3_A/H	TPC9.1AHM3_A/I
UH6PDHM3_A/H	UH6PDHM3_A/I	V10P10HM3J_A/H	V10P10HM3_A/H	V10P10HM3_A/I
V10P12HM3_A/H	V10P12HM3_A/I	V10P15HM3/H	V10P15HM3/I	V10P45HM3J_A/H



# Product Change Notification



Product Group: DD/Fri Dec 30, 2022/PCN-DD-037-2022-REV-0

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V10P45HM3J_A/I	V10P45HM3_A/H	V10P45HM3_A/I	V10P6HM3_A/H	V10P6HM3_A/I
V10P8HM3_A/H	V10P8HM3_A/I	V10PL63HM3/H	V10PL63HM3/I	V10PM10HM3/H
V10PM10HM3/I	V10PM12HM3_A/H	V10PM12HM3_A/I	V10PM153HM3/H	V10PM153HM3/I
V10PM15HM3/H	V10PM15HM3/I	V10PM45HM3/H	V10PM45HM3/I	V10PM63HM3/H
V10PM63HM3/I	V10PM6HM3/H	V10PM6HM3/I	V12P10HM3_A/H	V12P10HM3_A/I
V12P12HM3_A/H	V12P12HM3_A/I	V12P15HM3/H	V12P15HM3/I	V12P45HM3_A/H
V12P45HM3_A/I	V12P6HM3_A/H	V12P6HM3_A/I	V12P8HM3_A/H	V12P8HM3_A/I
V12PL63HM3/H	V12PL63HM3/I	V12PM10HM3/H	V12PM10HM3/I	V12PM12HM3_A/H
V12PM12HM3_A/I	V12PM153HM3/H	V12PM153HM3/I	V12PM15HM3/H	V12PM15HM3/I
V12PM45HM3/H	V12PM45HM3/I	V12PM63HM3/H	V12PM63HM3/I	V12PM6HM3/H
V12PM6HM3/I	V15P10HM3/H	V15P10HM3/I	V15P12HM3/H	V15P12HM3/I
V15P15HM3/H	V15P15HM3/I	V15P45HM3J_A/H	V15P45HM3_A/H	V15P45HM3_A/I
V15P6HM3_A/H	V15P6HM3_A/I	V15P8HM3_A/H	V15P8HM3_A/I	V15PL63HM3/H
V15PL63HM3/I	V15PM10HM3/H	V15PM10HM3/I	V15PM12HM3/H	V15PM12HM3/I
V15PM153HM3/H	V15PM153HM3/I	V15PM15HM3/H	V15PM15HM3/I	V15PM45HM3/H
V15PM45HM3/I	V15PM63HM3/H	V15PM63HM3/I	V15PM6HM3/H	V15PM6HM3/I
V20PL63HM3/H	V20PL63HM3/I	V20PM63HM3/H	V20PM63HM3/I	V8P10HM3_A/H
V8P10HM3_A/I	V8P12HM3_A/H	V8P12HM3_A/I	V8P15HM3/H	V8P15HM3/I
V8P45HM3_A/H	V8P45HM3_A/I	V8P6HM3_A/H	V8P6HM3_A/I	V8P8HM3_A/H
V8P8HM3_A/I	V8PL63HM3/H	V8PL63HM3/I	V8PM10HM3/H	V8PM10HM3/I
V8PM10SHM3/H	V8PM10SHM3/I	V8PM12HM3_A/H	V8PM12HM3_A/I	V8PM153HM3/H
V8PM153HM3/I	V8PM15HM3J/H	V8PM15HM3/H	V8PM15HM3/I	V8PM45HM3/H
V8PM45HM3/I	V8PM6-BHM3/H	V8PM6-BHM3/I	V8PM63HM3/H	V8PM63HM3/I
V8PM6HM3/H	V8PM6HM3/I	VS-6ESH06HM3/86A	VS-6ESH06HM3/87A	VS-6ESU06-BHM3/H
VS-6ESU06-BHM3/I	VS-6ESU06HM3/86A	VS-6ESU06HM3/87A	VS-8ESH06HM3/H	VS-8ESH06HM3/I
VS-8ESU06HM3/H	VS-8ESU06HM3/I			



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## Annex 1

Wafer diameter will be converted from 4inch to 5inch for S4PxHM3 series products.

For LTB and LTS of Current P/N, the time schedule as below:

Last time buy date: June 30, 2023

Last time shipment date: December 31, 2023

### Part Number Cross List

Current P/N	New Revision P/N	Current P/N	New Revision P/N
S4PBHM3_A/H	S4PBHM3_B/H	S4PJHM3_A/H	S4PJHM3_B/H
S4PBHM3_A/I	S4PBHM3_B/I	S4PJHM3_A/I	S4PJHM3_B/I
S4PDHM3_A/H	S4PDHM3_B/H	S4PKHM3_A/H	S4PKHM3_B/H
S4PDHM3_A/I	S4PDHM3_B/I	S4PKHM3_A/I	S4PKHM3_B/I
S4PG-BHM3_A/I	S4PG-BHM3_B/I	S4PMHM3_A/H	S4PMHM3_B/H
S4PGHM3_A/H	S4PGHM3_B/H	S4PMHM3_A/I	S4PMHM3_B/I
S4PGHM3_A/I	S4PGHM3_B/I		

\* Ordering part number: Use underscore “\_” + revision code “B” following base part numbers as the identification.

\* Upon the approval of this PCN, all future and customized part number for related product in the same package will adopt the same change.