



Additional In-House Backend Assembly Site for Commercial Rectifiers and TVS in SMPC and MicroSMP Package

DESCRIPTION OF CHANGE:

To support BCP (Business Continuity Program), Vishay Diodes Division is introducing an additional in-house back-end manufacturing site for Commercial Grade products in SMPC (Case Outline: TO-277A) and MicroSMP (Case Outline: DO-219AD) package.

This new Vishay General Semiconductor assembly site is located in Kaohsiung, Taiwan. There is no change in form, fit and function on all involved part numbers.

CLASSIFICATION OF CHANGE: Assembly site

REASON FOR CHANGE: Capacity expansion and Risk management

EXPECTED INFLUENCE ON QUALITY/RELIABILITY/PERFORMANCE:

No change in quality and reliability performance

PRODUCT CATEGORY: Rectifiers &TVS

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

Part number list --SMPC (TO-277A)					
AR3PD-M3/86A	AS3PK-M3/87A	AU3PG-M3/86A	SE40PG-M3/86A	SMPC17A-M3/86A	SMPC33A-M3/86A
AR3PD-M3/87A	AS3PM-M3/86A	AU3PG-M3/87A	SE40PG-M3/87A	SMPC17A-M3/87A	SMPC33A-M3/87A
AR3PG-M3/86A	AS3PM-M3/87A	AU3PJ-M3/86A	SE40PJ-M3/86A	SMPC18A-M3/86A	SMPC33AN-M3/H
AR3PG-M3/87A	AS4PD-M3/86A	AU3PJ-M3/87A	SE40PJ-M3/87A	SMPC18A-M3/87A	SMPC33AN-M3/I
AR3PJ-M3/86A	AS4PD-M3/87A	AU3PK-M3/86A	SE70PB-M3/86A	SMPC20A-M3/86A	SMPC36A-M3/86A
AR3PJ-M3/87A	AS4PG-M3/86A	AU3PK-M3/87A	SE70PB-M3/87A	SMPC20A-M3/87A	SMPC36A-M3/87A
AR3PK-M3/86A	AS4PG-M3/87A	AU3PM-M3/86A	SE70PD-M3/86A	SMPC22A-M3/86A	SMPC36AN-M3/H
AR3PK-M3/87A	AS4PJ-M3/86A	AU3PM-M3/87A	SE70PD-M3/87A	SMPC22A-M3/87A	SMPC36AN-M3/I
AR3PM-M3/86A	AS4PJ-M3/87A	S4PB-M3/86A	SE70PG-M3C/H	SMPC22AN-M3/H	SMPC40AN-M3/H
AR3PM-M3/87A	AS4PK-M3/86A	S4PB-M3/87A	SE70PG-M3/86A	SMPC22AN-M3/I	SMPC40AN-M3/I
AR4PD-M3/86A	AS4PK-M3/87A	S4PD-M3/86A	SE70PG-M3/87A	SMPC24A-M3/86A	SMPC43AN-M3/H
AR4PD-M3/87A	AS4PM-M3/86A	S4PD-M3/87A	SE70PJ-M3/86A	SMPC24A-M3/87A	SMPC43AN-M3/I
AR4PG-M3/86A	AS4PM-M3/87A	S4PG-M3/86A	SE70PJ-M3/87A	SMPC24AN-M3/H	SMPC45AN-M3/H
AR4PG-M3/87A	AU2PD-M3/86A	S4PG-M3/87A	SMPC10A-M3/86A	SMPC24AN-M3/I	SMPC45AN-M3/I
AR4PJ-M3/86A	AU2PD-M3/87A	S4PJ-M3/86A	SMPC10A-M3/87A	SMPC26A-M3/86A	SMPC48AN-M3/H
AR4PJ-M3/87A	AU2PG-M3/86A	S4PJ-M3/87A	SMPC11A-M3/86A	SMPC26A-M3/87A	SMPC48AN-M3/I
AR4PK-M3/86A	AU2PG-M3/87A	S4PK-M3/86A	SMPC11A-M3/87A	SMPC26AN-M3/H	SMPC5.0A-M3/86A
AR4PK-M3/87A	AU2PJ-M3/86A	S4PK-M3/87A	SMPC12A-M3/86A	SMPC26AN-M3/I	SMPC5.0A-M3/87A
AR4PM-M3/86A	AU2PJ-M3/87A	S4PM-M3/86A	SMPC12A-M3/87A	SMPC28A-M3/86A	SMPC51AN-M3/H
AR4PM-M3/87A	AU2PK-M3/86A	S4PM-M3/87A	SMPC13A-M3/86A	SMPC28A-M3/87A	SMPC51AN-M3/I
AS3PD-M3/86A	AU2PK-M3/87A	S5PMS-M3P/I	SMPC13A-M3/87A	SMPC28AN-M3R/H	SMPC54AN-M3/H
AS3PD-M3/87A	AU2PM-M3/86A	S5PMS-M3/86A	SMPC14A-M3/86A	SMPC28AN-M3/H	SMPC54AN-M3/I
AS3PG-M3/86A	AU2PM-M3/87A	S5PMS-M3/87A	SMPC14A-M3/87A	SMPC28AN-M3/I	SMPC58AN-M3/H
AS3PG-M3/87A	AU3PD-M3/86A	SE40PB-M3/86A	SMPC15A-M3/86A	SMPC30A-M3/86A	SMPC58AN-M3/I
AS3PJ-M3/86A	AU3PD-M3/87A	SE40PB-M3/87A	SMPC15A-M3/87A	SMPC30A-M3/87A	SMPC6.0A-M3/86A
AS3PJ-M3/87A	AU3PG-M3H/86A	SE40PD-M3/86A	SMPC16A-M3/86A	SMPC30AN-M3/H	SMPC6.0A-M3/87A
AS3PK-M3/86A	AU3PG-M3H/H	SE40PD-M3/87A	SMPC16A-M3/87A	SMPC30AN-M3/I	SMPC6.5A-M3/86A



Product Change Notification



Product Group: Diodes Division / June 30, 2021 / PCN-DD-012-2021 Rev. 0

Part number list --SMPC (TO-277A)					
SMPC6.5A-M3/87A	SS12P4S-M3/86A	V10P12-M3/87A	V12P45-M3/86A	V15PL50-M3/87A	V8P6-M3/86A
SMPC60AN-M3/H	SS12P4S-M3/87A	V10P15-M3/H	V12P45-M3/87A	V15PM10-M3/H	V8P6-M3/87A
SMPC60AN-M3/I	SS15P3S-M3/86A	V10P15-M3/I	V12P6-M3/86A	V15PM10-M3/I	V8P8-M3/86A
SMPC64AN-M3/H	SS15P3S-M3/87A	V10P20-M3/86A	V12P6-M3/87A	V15PM12-M3P/H	V8P8-M3/87A
SMPC64AN-M3/I	SS3P3L-M3/86A	V10P20-M3/87A	V12P8-M3/86A	V15PM12-M3/H	V8PL6-M3/86A
SMPC7.0A-M3/86A	SS3P3L-M3/87A	V10P22-M3C/H	V12P8-M3/87A	V15PM12-M3/I	V8PL6-M3/87A
SMPC7.0A-M3/87A	SS3P4L-M3/86A	V10P22-M3/H	V12PM10-M3/H	V15PM15-M3/H	V8PM10-M3/H
SMPC7.5A-M3/86A	SS3P4L-M3/87A	V10P22-M3/I	V12PM10-M3/I	V15PM15-M3/I	V8PM10-M3/I
SMPC7.5A-M3/87A	SS3P5L-M3/86A	V10P45-M3/86A	V12PM12-01M3P/86A	V15PM153-M3/H	V8PM10S-M3/H
SMPC70AN-M3/H	SS3P5L-M3/87A	V10P45-M3/87A	V12PM12-M3/86A	V15PM153-M3/I	V8PM10S-M3/I
SMPC70AN-M3/I	SS3P6L-M3/86A	V10P45S-M3/86A	V12PM12-M3/87A	V15PM45-M3/H	V8PM12-M3/86A
SMPC75AN-M3/H	SS3P6L-M3/87A	V10P45S-M3/87A	V12PM15-M3/H	V15PM45-M3/I	V8PM12-M3/87A
SMPC75AN-M3/I	SS5P10-M3P/H	V10P6-M3/86A	V12PM15-M3/I	V15PM6-M3/H	V8PM15-M3/H
SMPC78AN-M3/H	SS5P10-M3P/I	V10P6-M3/87A	V12PM153-M3/H	V15PM6-M3/I	V8PM15-M3/I
SMPC78AN-M3/I	SS5P10-M3/86A	V10P8-M3/86A	V12PM153-M3/I	V15PM63-M3/H	V8PM153-M3/H
SMPC8.0A-M3/86A	SS5P10-M3/87A	V10P8-M3/87A	V12PM45-M3/H	V15PM63-M3/I	V8PM153-M3/I
SMPC8.0A-M3/87A	SS5P3-M3/86A	V10PL45-M3S/86A	V12PM45-M3/I	V15PN50-M3/86A	V8PM45-M3/H
SMPC8.5A-M3/86A	SS5P3-M3/87A	V10PL45-M3/86A	V12PM6-M3/H	V15PN50-M3/87A	V8PM45-M3/I
SMPC8.5A-M3/87A	SS5P4-M3P/H	V10PL45-M3/87A	V12PM6-M3/I	V20PL50-M3/86A	V8PM6-M3/H
SMPC85AN-M3/H	SS5P4-M3P/I	V10PM10-M3/H	V12PM63-M3/H	V20PL50-M3/87A	V8PM6-M3/I
SMPC85AN-M3/I	SS5P4-M3R/H	V10PM10-M3/I	V12PM63-M3/I	V20PL60-M3/86A	V8PM63-M3/H
SMPC9.0A-M3/86A	SS5P4-M3/86A	V10PM12-M3/86A	V15P10-M3C/H	V20PL60-M3/87A	V8PM63-M3/I
SMPC9.0A-M3/87A	SS5P4-M3/87A	V10PM12-M3/87A	V15P10-M3C/I	V20PM63-M3/H	VS-4ESH01-M3/86A
SS10P3-M3/86A	SS5P5-M3/86A	V10PM15-M3/H	V15P10-M3P/H	V20PM63-M3/I	VS-4ESH01-M3/87A
SS10P3-M3/87A	SS5P5-M3/87A	V10PM15-M3/I	V15P10-M3/H	V25PL60-M3/86A	VS-4ESH02-M3/86A
SS10P4-M3C/H	SS5P6-M3/86A	V10PM153-M3/H	V15P10-M3/I	V25PL60-M3/87A	VS-4ESH02-M3/87A
SS10P4-M3/86A	SS5P6-M3/87A	V10PM153-M3/I	V15P12-M3/H	V25PN60-M3/86A	VS-6ESH01-M3/86A
SS10P4-M3/87A	SS5P9-M3/86A	V10PM45-M3/H	V15P12-M3/I	V25PN60-M3/87A	VS-6ESH01-M3/87A
SS10P5-M3/86A	SS5P9-M3/87A	V10PM45-M3/I	V15P15-M3C/H	V8P10-M3H/H	VS-6ESH02-M3H/I
SS10P5-M3/87A	SS8P2L-M3/86A	V10PM6-M3/H	V15P15-M3H/H	V8P10-M3/86A	VS-6ESH02-M3/86A
SS10P6-M3S/86A	SS8P2L-M3/87A	V10PM6-M3/I	V15P15-M3/H	V8P10-M3/87A	VS-6ESH02-M3/87A
SS10P6-M3/86A	SS8P3L-M3/86A	V10PM63-M3/H	V15P15-M3/I	V8P12-M3/86A	VS-6ESH06-M3/86A
SS10P6-M3/87A	SS8P3L-M3/87A	V10PM63-M3/I	V15P22-M3/H	V8P12-M3/87A	VS-6ESH06-M3/87A
SS10PH10-M3/86A	SS8PH10-M3C/H	V10PN50-M3/86A	V15P22-M3/I	V8P15-M3/H	VS-6ESU06-M3C/H
SS10PH10-M3/87A	SS8PH10-M3H/I	V10PN50-M3/87A	V15P45-M3/86A	V8P15-M3/I	VS-6ESU06-M3C/I
SS10PH45-M3/86A	SS8PH10-M3/86A	V12P10-M3/86A	V15P45-M3/87A	V8P20-M3/86A	VS-6ESU06-M3P/H
SS10PH45-M3/87A	SS8PH10-M3/87A	V12P10-M3/87A	V15P45S-M3/86A	V8P20-M3/87A	VS-6ESU06-M3P/I
SS10PH9-M3/86A	SS8PH9-M3/86A	V12P12-M3/86A	V15P45S-M3/87A	V8P22-M3/H	VS-6ESU06-M3/86A
SS10PH9-M3/87A	SS8PH9-M3/87A	V12P12-M3/87A	V15P6-M3/86A	V8P22-M3/I	VS-6ESU06-M3/87A
SS12P2L-M3/86A	V10P10-M3C/H	V12P15-M3/H	V15P6-M3/87A	V8P45-M3/86A	
SS12P2L-M3/87A	V10P10-M3/86A	V12P15-M3/I	V15P8-M3/86A	V8P45-M3/87A	
SS12P3L-M3/86A	V10P10-M3/87A	V12P22-M3/H	V15P8-M3/87A	V8P6-M3C/H	
SS12P3L-M3/87A	V10P12-M3/86A	V12P22-M3/I	V15PL50-M3/86A	V8P6-M3H/H	



Product Change Notification



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Part number list --MicroSMP (DO-219AD)					
MSE07PB-M3/89A	MSMP11A-M3/89A	MSMP7.5A-M3/89A	MSS1P4-M3P/H	MSX1PG-M3/89A	V2P6-M3/H
MSE07PD-M3/89A	MSMP12A-M3/89A	MSMP8.0A-M3/89A	MSS1P4-M3/89A	MSX1PJ-M3/89A	V2PL45-M3/H
MSE07PG-M3/89A	MSMP13A-M3/89A	MSMP8.5A-M3/89A	MSS1P5-M3/89A	MUH1PB-M3/89A	V2PM10-M3/H
MSE07PJ-M3/89A	MSMP14A-M3/89A	MSMP9.0A-M3/89A	MSS1P6-M3/89A	MUH1PC-M3/89A	V2PM12-M3/H
MSE1PB-M3/89A	MSMP15A-M3/89A	MSP3V3-M3/89A	MSS2P2-01M3H/H	MUH1PD-M3/89A	V2PM15-M3/H
MSE1PD-M3/89A	MSMP16A-M3/89A	MSP5.0A-M3/89A	MSS2P2-01M3/H	V1P22-M3/H	VS-1EQH01-M3/H
MSE1PG-M3P/H	MSMP17A-M3/89A	MSQ1PG-M3/H	MSS2P2-M3/89A	V1P6-M3/H	VS-1EQH02-M3/H
MSE1PG-M3/89A	MSMP18A-M3/89A	MSQ1PJ-M3/H	MSS2P3-M3P/H	V1PL45-M3/H	VS-2EQH01-M3/H
MSE1PJ-M3S/89A	MSMP20A-M3/89A	MSS1P2L-M3/89A	MSS2P3-M3R/H	V1PM10-M3/H	VS-2EQH02-M3/H
MSE1PJ-M3/89A	MSMP6.0A-M3/89A	MSS1P3-M3Z/H	MSS2P3-M3/89A	V1PM12-M3/H	
MSE1PJ-M3/I	MSMP6.5A-M3/89A	MSS1P3-M3/89A	MSX1PB-M3/89A	V1PM15-M3/H	
MSMP10A-M3/89A	MSMP7.0A-M3/89A	MSS1P3L-M3/89A	MSX1PD-M3/89A	V2P22-M3/H	

Note: Upon this PCN approval, all future and customized part number for related product in the same package will be shipped from either one of qualified locations.

VISHAY BRAND: Vishay General Semiconductor

TIME SCHEDULE: Start shipment date: September 1st, 2021

SAMPLE AVAILABILITY: Available upon request

PRODUCT IDENTIFICATION: The new manufacturing code “K” will be marked next to the date code of device marking for identification, for example, “M16K” (M – halogen-free compound, 1 - 2021, 6 – June, K – Kaohsiung, Taiwan)

QUALIFICATION DATA: Available upon request.

RESPONSE DATE: This PCN is considered approved, without further notification, unless we receive specific customer concerns before **August 30, 2021** or as specified by contract.

ISSUED BY: Alessandro Bonaudo, Product Marketing Director – Ultrafast Rectifier
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For further information, please contact your regional Vishay office.

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