



Product Change Notification



Product Group: Diodes Division / June 24, 2020 / PCN-DD-012-2020 Rev. 0

Manufacturing Location Change for TO-3P Package

DESCRIPTION OF CHANGE:

Vishay Diodes Division is transferring the assembly & final test of all products in TO-3P package from Vishay Tianjin factory to Vishay Xi'an factory.

In addition to the location change, all Schottky products will change solder paste composition from 88%Pb/2%Ag/10%Sn to 92.5%Pb/2.5%Ag/5%Sn.

All other assembly raw material, process flows and controls used in Vishay Xi'an factory are the same as those used in current Vishay Tianjin factory production. There is no change in POD spec., form, fit and function of the device in customer application.

All involved changes are summarized in below table:

Item	Before	After
Assembly Site	Vishay Tianjin	Vishay Xi'an
Solder paste composition (For Schottky products in TO-3P package)	88%Pb/2%Ag/10%Sn	92.5%Pb/2.5%Ag/5%Sn
Label		
Inner box	21.9 inch * 6.4 inch * 3.1 inch 	21.1 inch * 9.4 inch * 2.2 inch

CLASSIFICATION OF CHANGE:

Assembly Site
Direct Materials – For Schottky products solder paste change

REASON FOR CHANGE: Production line consolidation and Material consolidation

EXPECTED INFLUENCE ON QUALITY/RELIABILITY/PERFORMANCE:

No change in quality, reliability and performance

PRODUCT CATEGORY: Rectifier



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PART NUMBERS/SERIES/FAMILIES AFFECTED:

1. Only assembly & final test site change:

PN list			
FEP30AP-E3/45	FEP30FP-E3/45	FEP30JP-E3/45	UG30DPT-E3/45
FEP30BP-E3/45	FEP30GP-E3/45	UG30APT-E3/45	
FEP30CP-E3/45	FEP30HP-E3/45	UG30BPT-E3/45	
FEP30DP-E3/45	FEP30JP-01E3/P	UG30CPT-E3/45	

2. Assembly & final test site change + Solder paste change:

PN list			
M6035P-E3/45	MBR30H100PT-E3/45	MBR4045PT-E3/45	SBL2030PT-E3/45
M6045P-E3/45	MBR30H35PT-E3/45	MBR4050PT-E3/45	SBL2040PT-E3/45
M6060P-E3/45	MBR30H45PT-E3/45	MBR4060PT-E3/45	SBL3030PT-E3/45
MBR3035PT-E3/45	MBR30H50PT-E3/45	MBR40H35PT-E3/45	SBL3040PT-E3/45
MBR3045PT-E3/45	MBR30H60PT-E3/45	MBR40H45PT-E3/45	SBL4030PT-E3/45
MBR3050PT-E3/45	MBR30H90PT-E3/45	MBR40H50PT-E3/45	SBL4040PT-E3/45
MBR3060PT-E3/45	MBR4035PT-E3/45	MBR40H60PT-E3/45	SD241P-E3/45

VISHAY BRAND: Vishay General Semiconductor

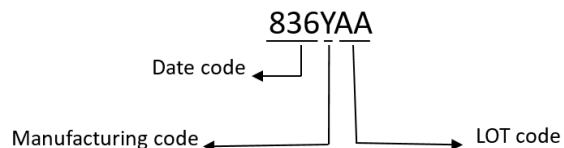
TIME SCHEDULE: Start Shipment Date from Vishay Xi'an: October 1st, 2020

Last Time Buy of Existing P/N from Vishay Tianjin: September 24, 2020

Last Time Shipment of Existing P/N from Vishay Tianjin: December 24, 2020

SAMPLE AVAILABILITY: Available upon request.

PRODUCT IDENTIFICATION: The manufacturing code "Y" will be marked, and lot code would be added next to date code for identification of the new manufacturing site.



QUALIFICATION DATA: Available upon request.

RESPONSE DATE: This PCN is considered approved, without further notification, unless we receive specific customer concerns before **August 24, 2020** or as specified by contract.

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

For further information, please contact your regional Vishay office.

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