



Dear Valued Customer

Doc. No.: 40yy002
Issue date: March 1, 2023

Yasufumi Matsuoka
Division Manager

Discrete Production Division
AP Production Headquarters
ROHM Co., Ltd.

Notification of Product/Process Change

This is an announcement of change(s) to the process of the products currently supplied by ROHM Co., Ltd.

We request your acknowledgement of the receipt of this notification within the given period.

Please provide your your reply by March 31, 2024

Title of change	Additional approval request for PMDU(M) <SOD-123FL> production at China (Tianjin) factory		
Affected product(s)	Manufacturer part number		Customer part number
	PMDU(M) <SOD-123FL> package diode products (refer attached sheet)		
Detailed description of change	Now		After
	Production Factory (Assembly) : Japan, Malaysia		Production Factory (Assembly) : Japan, Malaysia, China (Tianjin)
Reason for change	ROHM will enhance its Business Continuity Management and respond to the increasing demand by introducing its China (Tianjin) factory as an additional site for the PMDU(M) <SOD-123FL> package production.		
Anticipated impact on quality	Same quality as made in Japan and Malaysia. (refer to the 4M document)		
Identification of change	Identifiable by the dot mark on the surface of the product.		
Planned first ship date :		May 6, 2023	Sample available schedule : Within 6 weeks from request
Attachments (data, report)		none 4M 4023002-2_4ME	Ribl 4023002-3_Ribl
Comments			

		Reply date	
Customer reply	☐ 1. Approved. ☐ 2. Accepted with conditions.		
Condition for approval / reason for rejection			
Comments			
Customer company name			
Customer signature		Department	
Customer signature		Department	



Electronics for the Future

Additional approval request for PMDTM 〈SOD-128〉 production at China (Tianjin) factory (Application No:4023002)

January 30th, 2023
AP production Headquarters
Discrete Production Division
Power Device Engineering Department

Overview



Overview

An additional production site for the PMDTM 〈SOD-128〉 package in China (Tianjin) will be introduced.

Background

ROHM will enhance its Business Continuity Management and respond to the increasing demand by introducing its China (Tianjin) factory as an additional site for the PMDTM 〈SOD-128〉 package production.

Products

PMDTM 〈SOD-128〉 package diode products manufactured by ROHM will be affected.
(For details, please refer to the attached document)

Changes

Item	Site of the assembly factory
Before	Japan (Okayama), Malaysia
After	Japan (Okayama), Malaysia, China (Tianjin)

Part Number

There will be no change in Part Number, we will use multi label management to distinguish the products by the ROHM internal Part Number.

5M Change point & Schedule



Changes in 5M

Package type	PMDTM (SOD-128)			Change point
Production plant	ROHM Wako Co.,Ltd.	ROHM-Wako Electronics (Malaysia) Sdn. Bhd.	ROHM Semiconductor (China) Co.,Ltd.	✓
Production site	Japan (Okayama)	Malaysia	China (Tianjin)	✓
Man	Local Staff (Internal licensing system certified operator)			✓
Material	ROHM will provide the wafers			NA
	Common Materials			NA
Machine	Existing equipment			NA
Method	Wide frame method			NA
Measurement	Program set by ROHM			NA

Schedule

	2022			2023											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Set up machine															
Reliability test															
Application															
Sample															
Mass production															

Outline comparison



Package type	PMDTM 〈SOD-128〉		
Production plant	ROHM Wako Co.,Ltd.	ROHM-Wako Electronics (Malaysia) Sdn. Bhd.	ROHM Semiconductor (China) Co.,Ltd.
Production site	Japan (Okayama)	Malaysia	China (Tianjin)
Dimension	No change		
Footprint reference	No change		
Lead finish	No change Electro plating : Sn 100%		
Marking method	No change Scan laser marking:30dots.		
Internal structure	No change Non wire (Solder joint) type		
Molding compound	No change Halogen Free		
Internal chip	No changes		
Maximum absolute rating	No changes		
Electrical characteristic	No changes		

No change in product specifications.

Dimension and Footprint

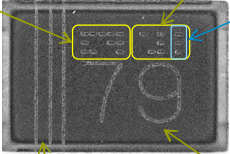
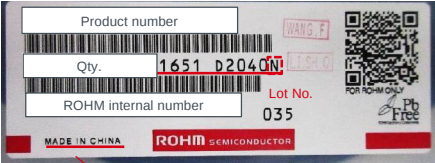


Package type	PMDTM (SOD-128)		
Production plant	ROHM Wako Co.,Ltd.	ROHM-Wako Electronics (Malaysia) Sdn. Bhd.	ROHM Semiconductor (China) Co.,Ltd.
Production site	Japan (Okayama)	Malaysia	China (Tianjin)
Dimensions	Unit:mm No Change		
Footprint reference	Unit:mm No Change		

No change in external dimensions and footprint reference.

Marking & Label



Package type	PMDTM (SOD-128)		
Production plant	ROHM Wako Co.,Ltd.	ROHM-Wako Electronics (Malaysia) Sdn. Bhd.	ROHM Semiconductor (China) Co.,Ltd.
Production site	Japan (Okayama)	Malaysia	China (Tianjin)
Marking	Dotted mark of production year, month, day of the week and factory. LOT No. Factory identification is possible from the Lot No. dot mark.  Cathode band Product Identification Code ROHM WAKO CO.,LTD ROHM-WAKO ELECTRONICS (MALAYSIA)SDN.BHD. ROHM SEMICONDUCTOR (CHINA)CO.,LTD (WAKO)		
Label (LOT No.)	 Country of Origin The production factory can be identified by the last digit of the Lot No.. (1) W : Japan D : Malaysia N : China		



Electronics for the Future

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Rohm Public MPN
PDZVTFTR10A
PDZVTFTR10B
PDZVTFTR11A
PDZVTFTR11B
PDZVTFTR12A
PDZVTFTR12B
PDZVTFTR13A
PDZVTFTR13B
PDZVTFTR15A
PDZVTFTR15B
PDZVTFTR16A
PDZVTFTR16B
PDZVTFTR18A
PDZVTFTR18B
PDZVTFTR2.0A
PDZVTFTR2.0B
PDZVTFTR2.2A
PDZVTFTR2.2B
PDZVTFTR2.4A
PDZVTFTR2.4B
PDZVTFTR2.7A
PDZVTFTR2.7B
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PDZVTFTR24B
PDZVTFTR27A
PDZVTFTR27B
PDZVTFTR3.0A
PDZVTFTR3.0B
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PDZVTFTR3.3B
PDZVTFTR3.6A
PDZVTFTR3.6B
PDZVTFTR3.9A
PDZVTFTR3.9B
PDZVTFTR30A
PDZVTFTR30B
PDZVTFTR33A
PDZVTFTR33B
PDZVTFTR36A
PDZVTFTR36B
PDZVTFTR39A
PDZVTFTR4.3A
PDZVTFTR4.3B
PDZVTFTR4.7A
PDZVTFTR4.7B
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