

To Our Valued Customers

August 2026
ROHM Co., Ltd.

Notification of Additional Packaging Material Specifications

Dear Valued Customer,

We sincerely appreciate your continued business and support of ROHM's business activities.

We hereby inform you that, in order to ensure a stable supply of our products, ROHM will introduce additional specifications for the carrier tape and cover tape used in product packaging, as outlined below. These specifications apply only to the packaging materials and will have no impact on the products design, materials, functions, performance, quality, or reliability.

Details

1. Details of Additional Specifications

Embossed Carrier Tape

Item (Specification)	Current Specification	Additional Specification
Color	Semi-transparent Black	Black

* The additional embossed tape material has already used in existing products with proven market performance.

Cover Tape

Item (Specification)	Current Specification	Updated Specification
Color	Milky White	Transparent

*MP will be transitioned sequentially from the current specification to the additional specification. The current specification is scheduled to reach EOL around the end of 2026.

2. Reason for Adding Specifications

To enhance supply chain resilience and ensure long-term supply continuity, ROHM is implementing a multi-source material strategy to mitigate risks associated with changes in the global business environment.

3. Differences from Current specification and Implementation Schedule

Please refer to the attached document for details.

4. Affected Packages and Part Numbers
Please refer to the attached document.

5. Contact
Your ROHM sales representative

If you have any questions regarding this matter, please contact your ROHM sales representative by September 30, 2026. If we do not receive a response by this date, we will assume your acceptance of this change.



Electronics for the Future

Notice of Additional Specifications for Embossed Carrier Tape and Cover Tape

ROHM Co.,Ltd.

General Purpose Devices Headquarters

Si Power Devices Business Headquarters

August 2026

Confidential

Content

Request for approval of additional specifications for cover tape and embossed carrier tape for the applicable packages.

Background

Due to increasing geopolitical risks in the Middle East, uncertainty in the supply of naphtha-based raw materials has grown, affecting not only pricing but also supply stability. In order to ensure a stable supply going forward and mitigate procurement risks, we would like to request approval for the additional specifications described in this notice.

Affected Products

This change applies to diode and transistor products in ROHM packages listed on pages 3 and 6. Please refer to the attached documentation for detailed product information.

Change Details

● Cover Tape

Item (Specification)	Current Specification	New Specification
Color	Milky White	Transparent

*Production will gradually transition from the current specification to the new specification.
The current specification is planned to be discontinued (EOL) by the end of 2026.

● Embossed Carrier Tape

Item (Specification)	Current Specification	New Specification
Color	Semi-transparent Black	Black

*The additional embossed tape material has already used in existing products with proven market performance.

Product Name Change

No product name changes.

Cover Tape Applicable Package List

Division	Standard Package Name	Internal Package Name*	Embossed Carrier Tape Width
GPD	SOT-416	EMT/D3 Package	8mm
GPD	SOT-416FL	EMT/D3F Package	8mm
GPD	SOT-346	SMT/D3 Package	8mm
GPD	SOT-25	SMT/D5 Package	8mm
GPD	SOT-457	SMT/D6 Package	8mm
GPD	SOT-23	SST/D3 Package	8mm
GPD	SOT-343	UMD4 Package	8mm
GPD	SOT-323	UMT/D3 Package	8mm
GPD	SOT-323FL	UMT/D3F Package	8mm
GPD	SOT-353	UMT/D5 Package	8mm
GPD	SOT-363	UMT/D6 Package	8mm
GPD	SOD-323HE	TUMD2 Package	8mm
GPD	SOD-323HE	TUMD2S Package	8mm

Division	Standard Package Name	Internal Package Name*	Embossed Carrier Tape Width
SiPD	SOT-346T	TSMT3 Package	8mm
SiPD	SOT-25T	TSMT/D5 Package	8mm
SiPD	SOT-457T	TSMT/D6 Package	8mm
SiPD	TSMT8	TSMT8 Package	8mm
SiPD	SOT-323T	TUMT3 Package	8mm
SiPD	SOT-353T	TUMT/D5 Package	8mm
SiPD	SOT-363T	TUMT6 Package	8mm
SiPD	HUML2020	HUML Package	8mm
SiPD	SOT-89	MPT3 Package	12mm
SiPD	SOP8	SOP8 Package	12mm
SiPD	HSMT8	HSMT8/AG Package	12mm
SiPD	HSML3030	HSML8 Package	12mm
SiPD	HSOP8	HSOP8 Package	12mm
SiPD	MPT6	MPT6 Package	12mm

* Applicable to HOOP and WIDE production lines.

Cover Tape 5M Changes and Schedule



5M Change Points

Item	Packages Subject to Cover Tape Change	Change
Man	Operators qualified under the internal certification program and assigned at each manufacturing site	None
Material	Cover tape part number changed	Yes
Machine	Existing equipment	None
Method	Wide-frame process / Hoop-frame process	None
Measurement	Measured using common inspection programs	None

Schedule

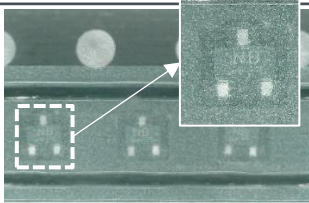
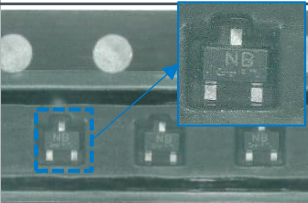
Item	2026				
	Aug	Sep	Oct	Nov	Dec
Current Cover Tape Supply	Stable Supply Assured				
Customer Change Notification	◆				
Internal Changeover Preparation					
End of Production of Current Specification				◇ Transition Period	◆
Mass Production of New Specification					

- ◆ : Change Notification
- : Changeover Preparation Period
- : Start of Mass Production

Cover Tape Material Comparison

For the applicable packages, the cover tape part number will be changed, resulting in an appearance change (color: milky white → transparent). There will be no changes to the specified tape peel strength or to the previously submitted Tape Peel Strength Specification. After completion of internal changeover preparations, shipments will be gradually transitioned to the new specification through a natural changeover process as existing inventory is depleted (planned around November 2026).

● Material

Item	Current Specification	New Specification	Change
Production Status	EOL (Discontinuation)	Replacement Product	Yes
Appearance	Milky White 	Transparent 	

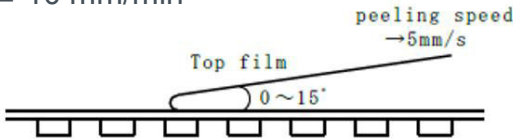
● Specification

Item	Current Specification	New Specification	Change
Tape Peel Strength	Embossed carrier tape width 8mm : 0.1N~0.7N 12~56mm : 0.1N~1.3N Conforms to JIS C 0806-3		No

Test Method

Peel angle: 165° to 180°

Peeling speed: 300 ± 10 mm/min



Embossed Carrier Tape Applicable Packages

Division	Standard Package Name	Internal Package Name*
GPD	SOT-346	SMT/D3 Package
GPD	SOT-25	SMT/D5 Package
GPD	SOT-457	SMT/D6 Package
GPD	SOT-543	EMD4 Package
GPD	SOT-553	EMT/D5 Package
GPD	SOT-563	EMT/D6 Package
GPD	SOD-323HE	TUMD2 Package
GPD	SOD-323HE	TUMD2S Package
GPD	SOD-323FL	UMD2 Package
GPD	SOD-523	EMD2 Package
GPD	SOT-416	EMT/D3 Package
GPD	SOT-416FL	EMT/D3F Package
GPD	SOT-323	UMT/D3 Package
GPD	SOT-323FL	UMT/D3F Package
GPD	SOT-343	UMD4 Package
GPD	SOT-353	UMT/D5 Package
GPD	SOT-363	UMT/D6 Package
GPD	SOT-23	SST/D3 Package
GPD	SOT-723	VMT/D3 Package

Division	Standard Package Name	Internal Package Name*
GPD	SOD-123FL	PMDU
GPD	SOD-128	PMDT
GPD	TO-263S	TO263S

Division	Standard Package Name	Internal Package Name*
SiPD	SOT-346T	TSMT3 Package
SiPD	SOT-25T	TSMT/D5 Package
SiPD	SOT-457T	TSMT/D6 Package
SiPD	TSMT8	TSMT8 Package
SiPD	SOT-89	MPT3 Package
SiPD	SOP8	SOP8 Package

* HOOPライン、WIDEラインが対象

Embossed Carrier Tape Change Details and Implementation Schedule

5M Change Analysis

Item	Packages Subject to Embossed Carrier Tape Change	Change
Man	Operators qualified under the internal certification program and assigned at each manufacturing site	None
Material	Embossed carrier tape part number changed	Yes
Machine	Existing equipment	None
Method	Wide-frame process / Hoop-frame process	None
Measurement	Measured using common inspection programs	None

Schedule

	2026					2027		
	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
Change Notification	◆							
Internal Changeover Preparation	■							
Start of Mass Production						●		

- ◆ : Change Notification
- : Change Preparation Period
- : Start of Mass Production

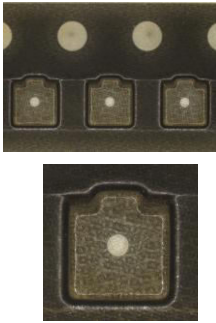
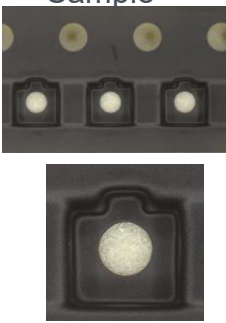
※The timing of mass production launch may vary depending on the package type.

Embossed Carrier Tape Material Comparison

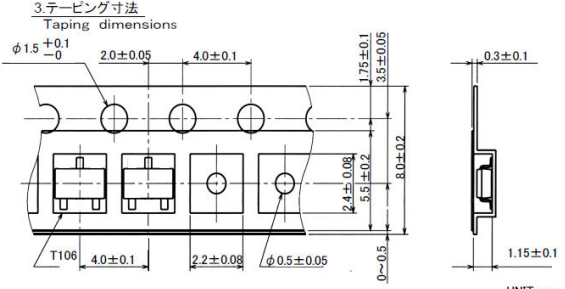
For the applicable packages, the addition of an alternative embossed carrier tape specification will result in an appearance change (color: semi-transparent → black). There are no changes to the taping dimensions or the carrier tape base material. Therefore, there are no changes to the Taping Specification currently submitted to customers. The additional specification will be introduced gradually once preparation is completed. Note: Beginning in January 2027, products using the current specification and the additional specification may coexist depending on the manufacturing lot.

Example : SOT-323 (UMTD3Package)

● Material

Item	Current Specification	Additional Specification	Change
Production Status	Continuing Production	Additional Production	
Appearance (Color)	Semi-transparent	Black	Yes
	Current 	Evaluation Sample 	

● Specification

Item	Current Specification	Additional Specification	Change
Taping Dimensions	3.テーピング寸法 Taping dimensions  注)カバートープが送り穴にかさなる場合がある。 但し、カバートープは、送り穴をふさぐことはなく、使用上は問題ない。		None
Material	4.4 キャリヤテープ材料 The material of carrier tape ポリスチレン(カーボンコート帯電防止材) Special carbon paints are coated both sides of polystyrene.		None

※No changes to the Taping Specification.

Packages Subject to Cover Tape and Embossed Carrier Tape Change

Standard Package Name	PKG	Cover Tape Change	Black Embossed Carrier Tape Addition
SOD-323FL	UMD2M	-	✓
SOD-323FL	USH	-	✓
SOD-323FL	USM	-	✓
SOD-323HE	TUSH	✓	✓
SOD-323HE	TUMD2S	✓	✓
SOD-323HE	TUMD2M	-	✓
SOD-323HE	TUMD2SM	-	✓
SOD-523	EMD2	-	✓
SOD-523	EMD2M	-	✓
SOT-23	SSD3	✓	✓
SOT-23	SSD3M	✓	✓
SOT-23	SST3	✓	✓
SOT-23	SST3M	✓	✓
SOT-25	SMD5	✓	✓
SOT-25	SMT5	✓	✓
SOT-323	UMD3	✓	✓
SOT-323	UMD3M	✓	✓
SOT-323	UMT3	✓	✓
SOT-323	UMT3M	✓	✓
SOT-323FL	UMD3FM	✓	✓
SOT-323FL	UMT3F	✓	✓
SOT-323FL	UMT3FM	✓	✓
SOT-343	UMD4	✓	✓
SOT-346	SMD3	✓	✓
SOT-346	SMT3	✓	✓

Standard Package Name	PKG	Cover Tape Change	Black Embossed Carrier Tape Addition
SOT-353	UMD5	✓	✓
SOT-353	UMT5	✓	✓
SOT-353	UMT5M	✓	✓
SOT-363	UMD6	✓	✓
SOT-363	UMT6	✓	✓
SOT-363	UMT6M	✓	✓
SOT-363	UMT6M-D	✓	✓
SOT-416	EMD3	✓	✓
SOT-416	EMD3M	✓	✓
SOT-416	EMT3	✓	✓
SOT-416	EMT3M	✓	✓
SOT-416FL	EMD3FM	✓	✓
SOT-416FL	EMT3F	✓	✓
SOT-416FL	EMT3FM	✓	✓
SOT-457	SMD6	✓	✓
SOT-457	SMT6	✓	✓
SOT-543	EMD4	-	✓
SOT-553	EMD5	-	✓
SOT-553	EMT5	-	✓
SOT-563	EMD6	-	✓
SOT-563	EMT6	-	✓
SOT-723	VMD3	-	✓
SOT-723	VMD3M	-	✓
SOT-723	VMT3	-	✓
SOT-723	VMT3M	-	✓
SOD-123FL	PMDU	-	✓
SOD-123FL	PMDUM	-	✓
SOD-128	PMDTM	-	✓
TO-263S	TO263S	-	✓

Packages Subject to Cover Tape and Embossed Carrier Tape Change

Standard Package Name	PKG	Cover Tape Change	Black Embossed Carrier Tape Addition
SOT-346T	TSMT3	✓	✓
SOT-346T	TSMT3M	✓	✓
SOT-25T	TSMT5	✓	✓
SOT-25T	TSMD5	✓	✓
SOT-457T	TSMT6	✓	✓
SOT-457T	TSMD6	✓	✓
SOT-457T	TSMT6M	✓	✓
TSMT8	TSMT8	✓	✓
TSMT8	TSMD8	✓	✓
TSMT8	TSMT8M	✓	✓
SOT-323T	TUMT3	✓	-
SOT-353T	TUMT5	✓	-
SOT-353T	TUMD5	✓	-
SOT-363T	TUMT6	✓	-
SOT-363T	TUMT6M	✓	-
HSMT8	HSMT8	✓	-
HSMT8	HSMT8AG	✓	-
HSML3030	HSML8	✓	-
HUML2020	HUML	✓	-
HSOP8	HSOP8	✓	-
SOT-89	MPT3	✓	✓
SOT-89	MPT3M	✓	✓
MPT6	MPT6	✓	-
SOP8	SOP8	✓	✓



Electronics for the Future