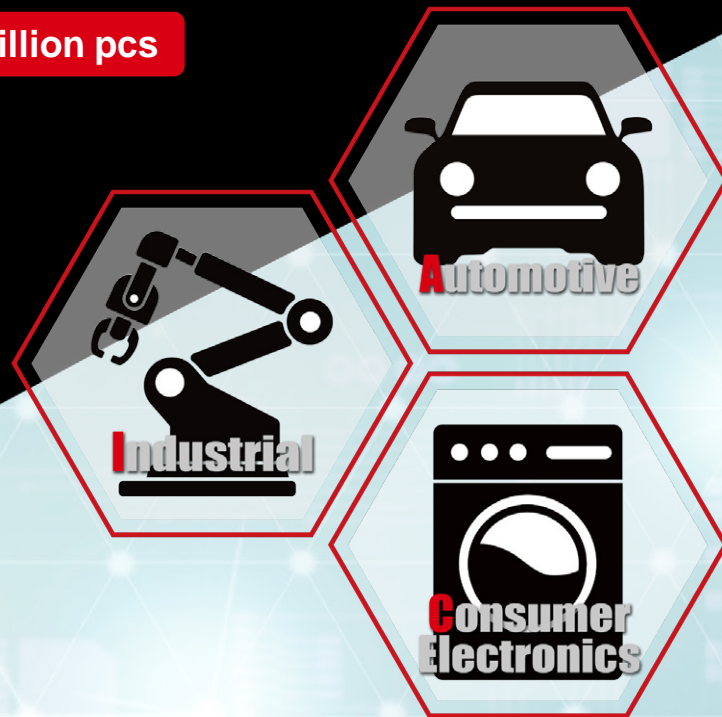


Reliable supply record with shipments totaling over 60 billion pcs

Small-Signal Discrete Devices (Long-Selling Products)

Switching Diodes/Schottky Barrier Diodes/
Zener Diodes/Bipolar Transistors/
Digital Transistors/MOSFETs



With shipments totaling over 60 billion pcs, ROHM's long-selling small-signal discrete devices have enjoyed a long history in the market and boast a top-tier track record in the industry. Stable supply and production ensure worry-free adoption even in applications with long life cycles.

Features

- **Production for over 5 years (with over 60 billion pcs shipped) results in among the industry leading supply record**

Production is achieved using high quality, high efficiency lines developed through continuous investment in production equipment and improvements in production technology

- **Stable production ensured through a robust BCM system**

Based on a vertical integration strategy (also incorporating external production) makes it possible to hedge against various risks

- **ROHM's Product Longevity Program ensures worry-free adoption**

Can be adopted for applications with long life cycles, including industrial equipment

*ROHM study (as of 2022)

ROHM's Long-Selling Small-Signal Discrete Devices

Switching Diodes

1SS400SM
1SS355VM

Schottky Barrier Diodes

RB521SM-xx
RB520SM-xx

Zener Diodes

EDZV series
UDZV series

Bipolar Transistors

2SA1576U3
2SC4081U3

Digital Transistors

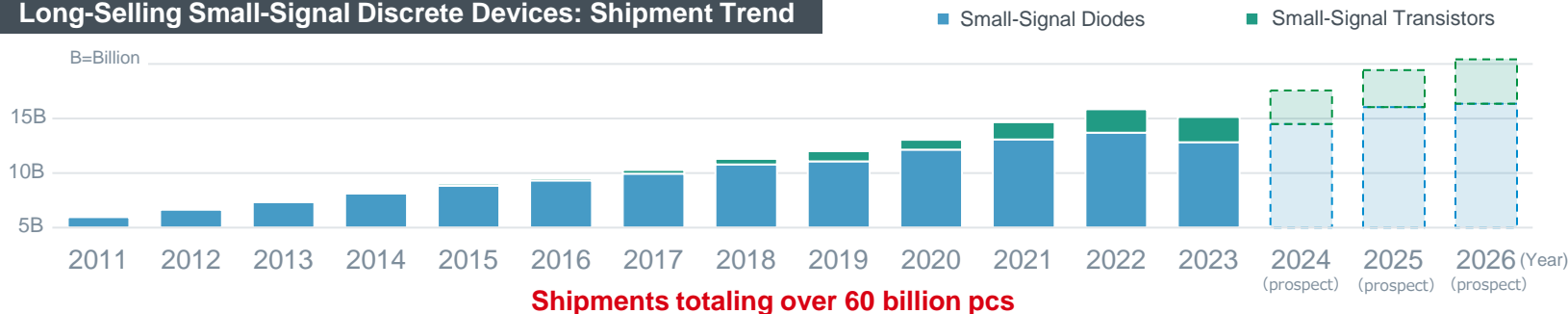
DTA1xxxU3
DTC1xxxU3

MOSFETs

RUM002N02
RSM002N06

Industry-Leading Supply Record with Total Shipments Exceeding 60 billion from Over 5 Years of Production ①

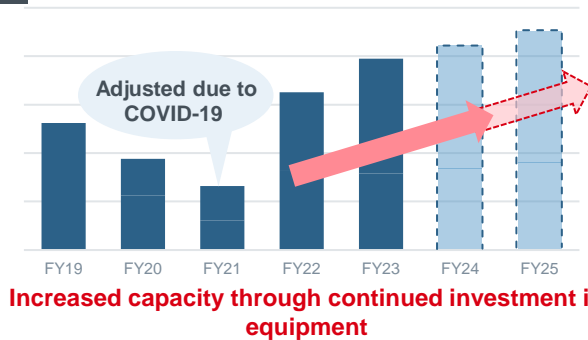
Long-Selling Small-Signal Discrete Devices: Shipment Trend



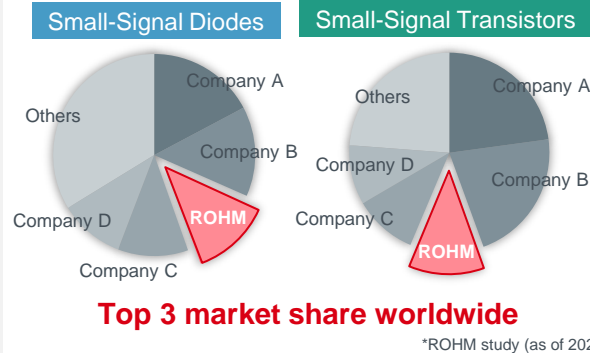
Continuing Investment in Production Facilities



Trend in Capital Investments



W/W Share of Small-Signal Discrete Devices



Continued investment in production facilities allows ROHM to secure a top 3 market share within the industry by establishing a top-tier track record for shipments

Industry-Leading Supply Record with Total Shipments Exceeding 60 billion from Over 5 Years of Production ②

Reducing Waste by Improving Production Methods

*SOD-323FL (UMD2)
Reduction per unit product

Conventional Method:
Hoop Line

New Method:
Wide Line

Frame waste

reduced **70%***

Resin waste

reduced **69%***

Increasing frame usage efficiency significantly reduces waste

Unified Material Specifications

Terminal Treatment

Dip (Sn3Ag0.5Cu)

Plating (100% Sn)

Improves solder wettability during mounting, extending the recommended product storage period (1→5 years)

Resin

Halogen

Halogen free

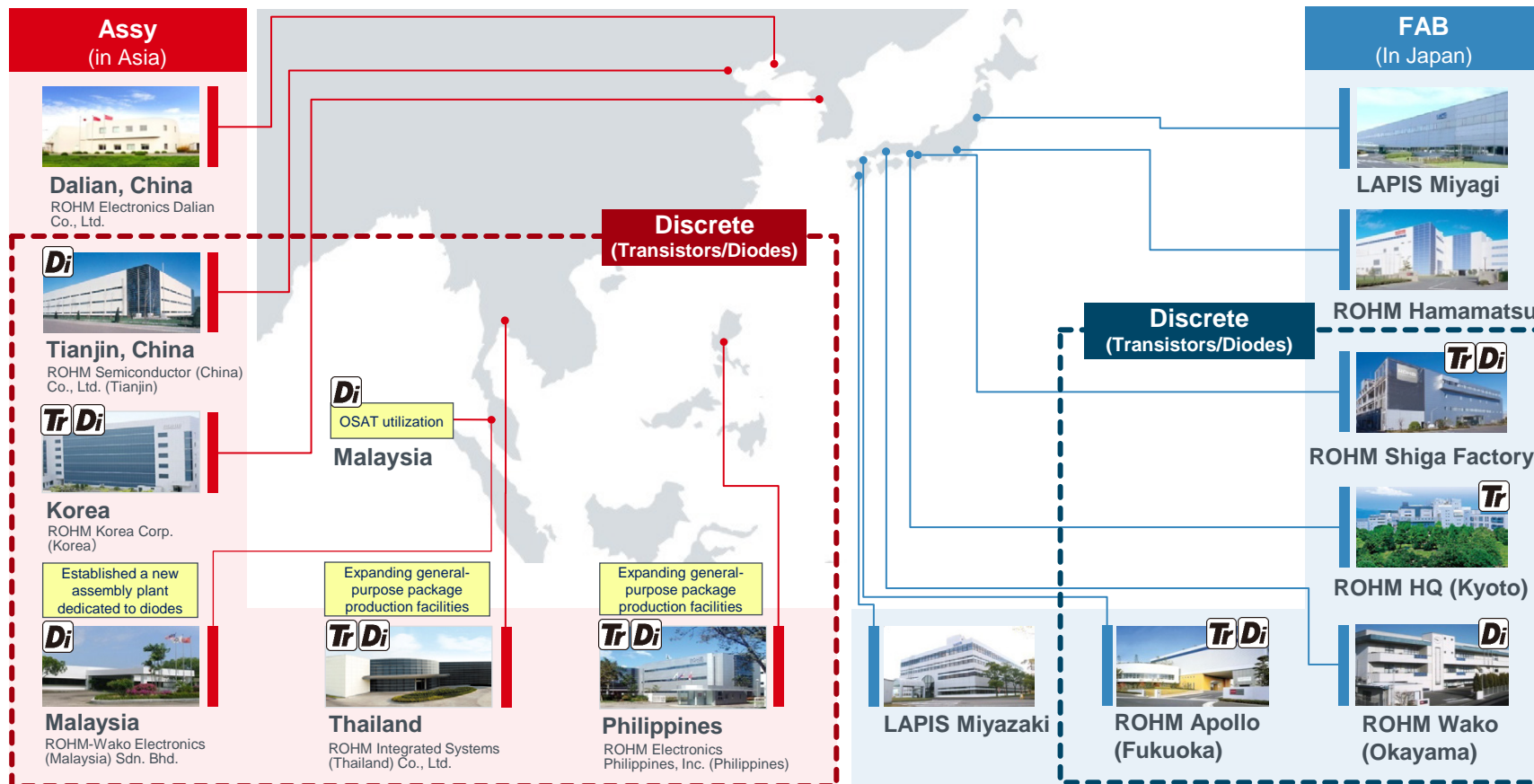
Eco-friendly products

SOT-323
(UMT3)

Note: Packages in parenthesis () denotes the ROHM package type.

Improved production technology allows us to achieve greater quality and manufacturing efficiency while minimizing environmental impact

Robust BCM System Ensures Stable Production



ROHM has established a robust BCM system that incorporates multiple production sites (including OSAT) based on a vertical integration strategy to hedge against various risks

Product Longevity Program (PLP)

A supply period of 10 to 20 years is established for products requiring long-term supply, with relevant information regarding supply status and estimated supply duration posted on ROHM's website.
Long-selling small discrete diodes and transistors are also eligible under the Product Longevity Program.

Small-Signal Discrete Devices (Long-Selling Products)

Product Category	Part Number	Features	Support Period (Year)
Switching Diodes	1SS355VM	High-speed 80V/100mA switching diode	10
Switching Diodes	1SS400SM	High-speed 80V/100mA switching diode	10
Zener Diodes	UDZV10B	200mW/10V SOD-323FL Zener diode	10
Zener Diodes	EDZV10B	150mW/10V SOD-523 Zener diode	10
Schottky Barrier Diodes	RB520SM-30	30V/200mA SOD-523 Schottky barrier diode	10
Schottky Barrier Diodes	RB521SM-30	30V/200mA SOD-523 Schottky barrier diode	10
Schottky Barrier Diodes	RB520SM-40	40V/200mA SOD-523 Schottky barrier diode	10
Schottky Barrier Diodes	RB521SM-40	40V/200mA SOD-523 Schottky barrier diode	10
Bipolar Transistors	2SC4081U3	NPN SOT-323 50V/150mA general small-signal amplification transistor	10
Bipolar Transistors	2SA1576U3	PNP SOT-323 -50V/-150mA general amplification transistor	10
Digital Transistors	DTC113ZU3	NPN SOT-323 R1#R2 digital transistor (with internal bias resistor)	10
Digital Transistors	DTA113ZU3	PNP SOT-323 R1#R2 digital transistor (with internal bias resistor)	10
12 to 150V MOSFETs	RUM002N02	1.2V drive type Nch MOSFET	10
12 to 150V MOSFETs	RSM002N06	2.5V drive type Nch MOSFET	10

As of July 2023

ROHM long-selling small-signal discrete devices can be confidently adopted in applications with long life cycles

Di Diodes

Switching Diodes

✓ Easily replace competitor products

Long-selling

1SS400SM, 1SS355VM

▶ P.08

Schottky Barrier Diodes

✓ Development tailored to customer demands

Long-selling

RB521SM-xx, RB520SM-xx

▶ P.10

Zener Diodes

✓ Lots of Vz lineup

Long-selling

EDZV/UDZV series

▶ P.12

Tr Transistors

Bipolar Transistors

✓ Superior h_{FE} characteristics

Long-selling

2SA1576U3, 2SC4081U3

▶ P.14

Digital Transistors

✓ Pioneered by ROHM

Long-selling

DTA1xxxU3/DTC1xxxU3 series

▶ P.16

MOSFETs

✓ Compatible with low 1.2V drive

Long-selling

RUM002N02, RSM002N06

▶ P.18

Long-Selling Small-Signal Switching Diodes: 1SS400SM, 1SS355VM



Selling Points

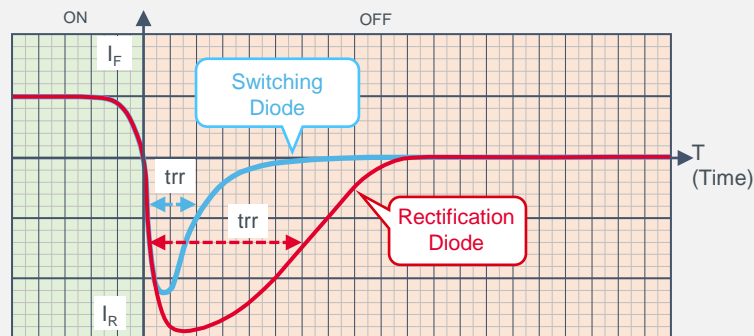
Long-Term Supply*: 10 years

Cumulative Shipments: 21 billion pcs

- Enables easy replacement and operation in applications using 1608 and 2512S packages
- We have more than sufficient capacity

Features

trr Comparison



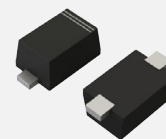
Switching diodes reduce power consumption and heat generation through high-speed switching

*Supply period disclosed in ROHM's Product Longevity Program (As of July 2023)

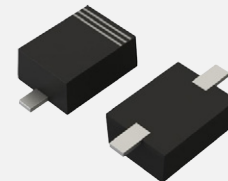
Applications

High-speed switching

Packages



SOD-523 (EMD2)
1.6mm × 0.8mm $t=0.6$ mm



SOD-323FL (UMD2)
2.5mm × 1.25mm $t=0.7$ mm

Internal Circuit Diagram







Note: Packages in parenthesis () denotes the ROHM package type.

Long-Selling Small-Signal Switching Diodes: Specifications



■ Product Specifications: 1SS400SM, 1SS355VM

Product No.			Absolute Max Ratings (T _a = 25°C)*1						Electrical Characteristics (T _a = 25°C)*1						Package [mm]	Automotive Grade AEC-Q101	
Part No.	Grade Code		Taping code	V _{RM} [V]	V _R [V]	I _{FM} [mA]	I _O [mA]	I _{surge} [mA]	V _F [V]		I _R [μA] Max	t _{rr} [ns]		V _R [V]			I _F [mA]
	General	Automotive							Max	I _F [mA]		Max	Max				
1SS400SM	* 	FH 	T2R	90	80	225	100	500(1s)	1.2	100	0.1	80	4	6	10	SOD-523 (EMD2) 1.6×0.8 t=0.6	YES
1SS355VM	* 	FH 	TE-17	90	80	225	100	500(1s)	1.2	100	0.1	80	4	6	10	SOD-323FL (UMD2) 2.5×1.25 t=0.7	YES

* The Grade Code is left blank for General products. *1: Standard per element.
Note: Packages in parenthesis () denotes the ROHM package type.

Click on the icon to access the product page on ROHM's website. Click on the icon to access the product datasheet on ROHM's website.

Additional Information Available on ROHM's Website

Reference designs also offered

► Web

Reference Design / Application Evaluation Kit

A system-level evaluation board that combines ROHM's IC and discrete products. We have already solved not only the circuit design but also the system design that may occur when combining them to build a system, thus contributing significantly to the reduction of development time for our customers.

Search

Search Table Data

Application

Market

Applications

Search from here

Key Product

Product Group

ProductFamily

Learn the basics

Electronics Basics

► What is a diode? [Switching Diodes](#)

Many products are listed in addition to long-selling products

► [ROHM Switching Diodes](#)

Long-Selling Small-Signal Schottky Barrier Diodes: RB521SM-xx, RB520SM-xx



Selling Points

Long-Term Supply*: 10 years

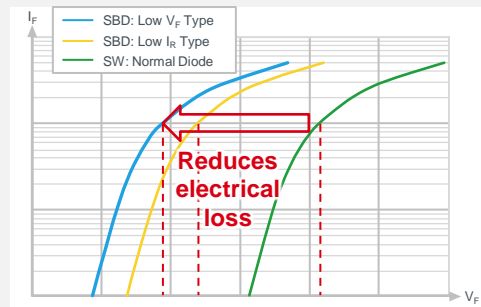
Cumulative Shipments: 5.5 billion pcs

- Select between low V_F and I_R types to suit application needs
- Easy-to-use 1608 size package ideal for computers and portable devices
- We have more than sufficient capacity

*Supply period disclosed in ROHM's Product Longevity Program (As of July 2023)

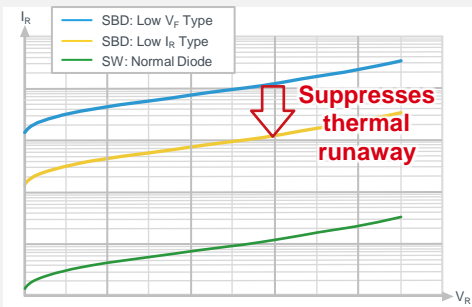
Features

I-V Waveform Comparison



Low V_F Type (RB521SM-xx)

Applications requiring efficiency



Low I_R Type (RB520SM-xx)

Applications in high temperature environments

Suitable for a range of applications

Applications

Small current rectification

Packages



SOD-523 (EMD2)
1.6mm × 0.8mm t=0.6mm

Internal Circuit Diagram











Note: Packages in parenthesis () denotes the ROHM package type.

Long-Selling Small-Signal Schottky Barrier Diodes: Specifications



■ Product Specifications: RB521SM-xx, RB520SM-xx

Type	Product No.				Absolute Max Ratings (T _c =25°C)				Electrical Characteristics (T _j =25°C)*2				Package [mm]	Automotive Grade AEC-Q101
	Part No.	Grade Code		Taping code	V _{RM} [V]	V _R [V]	I _O *1 [mA]	I _{FSM} *2 [A] 60Hz. 1Cycle	V _F [V] Max	I _F [mA]	I _R [μA] Max	V _R [V]		
		General	Automotive											
Low V _F Type	RB521SM-30	* 	FH 	T2R	—	30	200	1	0.41	100	30	10	SOD-523 (EMD2) 1.6×0.8 t=0.6	YES
	RB521SM-40	* 	FH 	T2R	45	40	200	1	0.45	100	20	10		YES
Low I _R Type	RB520SM-30	* 	FH 	T2R	—	30	200	1	0.51	100	1	10		YES
	RB520SM-40	* 	FH 	T2R	45	40	200	1	0.55	100	1	10		YES

*The Grade Code is left blank for General products.

*1: Average rectification per element is I_O (with one element).

*2: Standard per element.

Note: Packages in parenthesis () denotes the ROHM package type.

Click on the icon to access the product page on ROHM's website.

Click on the icon to access the product datasheet on ROHM's website.

Additional Information Available on ROHM's Website

Learn the basics

Electronics Basics

► What is a diode? [Schottky Barrier Diodes](#)

Many products are listed in addition to long-selling products

► [ROHM Schottky Barrier Diodes](#)

Long-Selling Small-Signal Zener Diodes: EDZV/UDZV series

Selling Points

Long-Term Supply*: 10 years

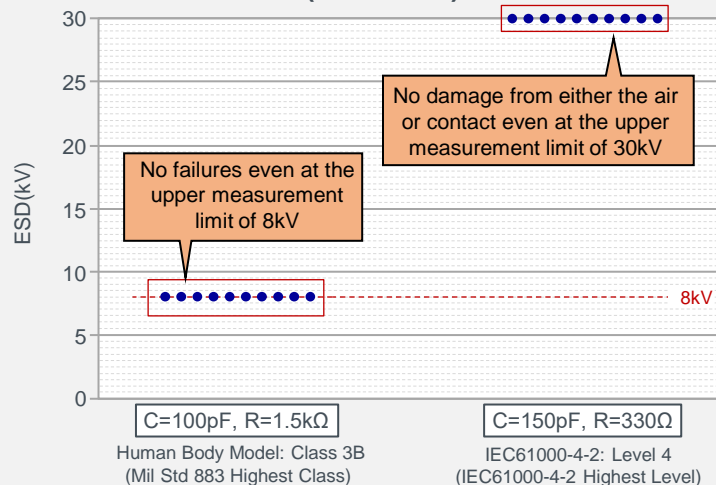
Cumulative Shipments: 33.1 billion pcs

- Extensive Vz lineup with guaranteed narrow Vz range enables high quality circuit configurations
- Excellent anti-surge current performance
- We have more than sufficient capacity

*Supply period disclosed in ROHM's Product Longevity Program (As of July 2023)

Features

ESD Resistance Data (UDZV5.6B)



High surge withstanding in compliance with industry standards, enabling safe use in industry and automotive as well as consumer electronics

Applications

Constant voltage control

Packages

SOD-523 (EMD2)
1.6mm×0.8mm t=0.6mm

SOD-323FL (UMD2)
2.5mm×1.25mm t=0.7mm





Internal Circuit Diagram




Note: Packages in parenthesis () denotes ROHM's package type.

Long-Selling Small-Signal Zener Diodes: Specifications

■ Product Specifications: EDZV/UDZV series

Series Name	EDZV 				UDZV 			
Package [mm]	 SOD-523 (EMD2) 1.6 × 0.8, t=0.6				 SOD-323FL (UMD2) 2.5×1.25 t=0.7			
Power dissipation P _D (mW)	150				200			
Electrical Characteristics (T _a =25°C)	V _Z [V]	I _Z [mA]	Automotive Grade AEC-Q101		V _Z [V]	I _Z [mA]	Automotive Grade AEC-Q101	
Voltage Category	2.0B	2.02 to 2.20	5	—	2.0B	2.02 to 2.20	5	YES
	2.2B	2.22 to 2.41	5	—	2.2B	2.22 to 2.41	5	YES
	2.4B	2.43 to 2.63	5	—	2.4B	2.43 to 2.63	5	YES
	2.7B	2.69 to 2.91	5	—	2.7B	2.69 to 2.91	5	YES
	3.0B	3.01 to 3.22	5	—	3.0B	3.01 to 3.22	5	YES
	3.3B	3.32 to 3.53	5	—	3.3B	3.32 to 3.53	5	YES
	3.6B	3.600 to 3.845	5	YES	3.6B	3.600 to 3.845	5	YES
	3.9B	3.89 to 4.16	5	YES	3.9B	3.89 to 4.16	5	YES
	4.3B	4.17 to 4.43	5	YES	4.3B	4.17 to 4.43	5	YES
	4.7B	4.55 to 4.75	5	YES	4.7B	4.55 to 4.75	5	YES
	5.1B	4.98 to 5.20	5	YES	5.1B	4.98 to 5.20	5	YES
	5.6B	5.49 to 5.73	5	YES	5.6B	5.49 to 5.73	5	YES
	6.2B	6.06 to 6.33	5	YES	6.2B	6.06 to 6.33	5	YES
	6.8B	6.65 to 6.93	5	YES	6.8B	6.65 to 6.93	5	YES
	7.5B	7.28 to 7.60	5	YES	7.5B	7.28 to 7.60	5	YES
	8.2B	8.02 to 8.36	5	YES	8.2B	8.02 to 8.36	5	YES
	9.1B	8.85 to 9.23	5	YES	9.1B	8.85 to 9.23	5	YES
	10B	9.77 to 10.21	5	YES	10B	9.77 to 10.21	5	YES
	11B	10.76 to 11.22	5	YES	11B	10.76 to 11.22	5	YES
	12B	11.74 to 12.24	5	YES	12B	11.74 to 12.24	5	YES
	13B	12.91 to 13.49	5	YES	13B	12.91 to 13.49	5	YES
	15B	14.34 to 14.98	5	YES	15B	14.34 to 14.98	5	YES
	16B	15.85 to 16.51	5	YES	16B	15.85 to 16.51	5	YES
	18B	17.56 to 18.35	5	YES	18B	17.56 to 18.35	5	YES
	20B	19.52 to 20.39	5	YES	20B	19.52 to 20.39	5	YES
	22B	21.54 to 22.47	5	YES	22B	21.54 to 22.47	5	YES
	24B	23.72 to 24.78	5	YES	24B	23.72 to 24.78	5	YES
	27B	26.19 to 27.53	2	YES	27B	26.19 to 27.53	5	YES
	30B	29.19 to 30.69	2	YES	30B	29.19 to 30.69	5	YES
	33B	32.15 to 33.79	2	YES	33B	32.15 to 33.79	5	YES
	36B	35.07 to 36.87	2	YES	36B	35.07 to 36.87	5	YES
	—	—	—	—	39B	38.02 to 39.98	2	YES
	—	—	—	—	43	40.00 to 45.00	2	YES
	—	—	—	—	47	44.00 to 49.00	2	YES

Note: Packages in parenthesis () denotes ROHM's package type.
Click on the  icon to access the product page on ROHM's website.

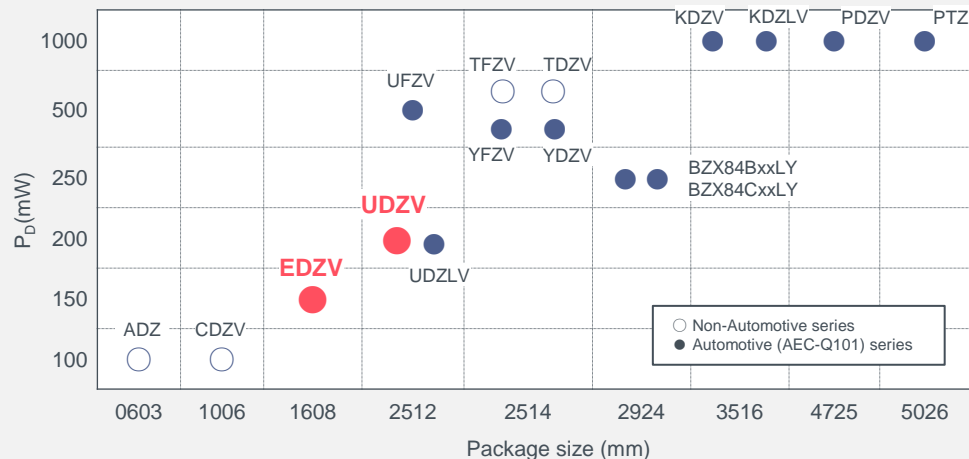
More Information is Available on ROHM's website

Learn the basics

Electronics Basics

► What is a diode? [Zener Diodes](#)

Many products are listed in addition to long-selling products



Lots of lineup (16series, 642models)

Detailed information on each product and series is available here

► [ROHM Zener Diodes](#)

Long-Selling Small-Signal Bipolar Transistors: 2SA1576U3, 2SC4081U3



Selling Points

Long-Term Supply*: 10 years

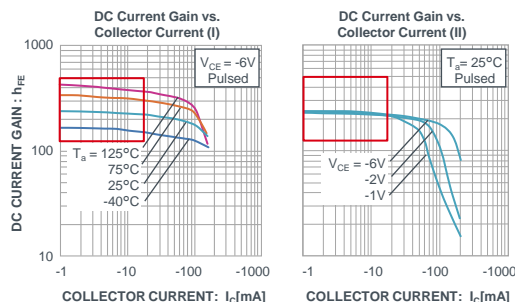
Cumulative Shipments: 1 billion pcs

- Very popular in both the consumer and automotive sectors due to the versatile 2021 size package
- Excellent linearity of the DC current gain h_{FE} allow for safe use in both analog and digital designs
- We have more than sufficient capacity

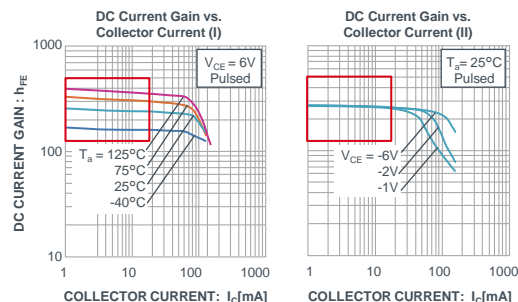
Features

*Supply period disclosed in ROHM's Product Longevity Program (As of July 2023)

2SA1576U3 (PNP)



2SC4081U3 (NPN)



Excellent linearity of the DC current gain h_{FE} allow for safe use in both analog and digital designs

Applications

General small-signal amplification

Packages

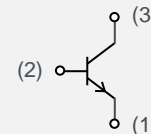
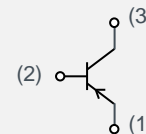
SOT-323 (UMT3)
2.0mm×2.1mm t=0.9mm



Internal Circuit Diagram

2SA1576U3 (PNP)

2SC4081U3 (NPN)











(1) Emitter (2) Base (3) Collector

Note: Packages in parenthesis () denotes ROHM's package type.

Long-Selling Small-Signal Bipolar Transistors: Specifications



■ Product Specifications: 2SA1576U3, 2SC4081U3

Product No.						Polarity [ch]	P _D *1 [W]	V _{CEO} [V]	I _C [A]	h _{FE} *2	Package [mm]	Automotive Grade AEC-Q101
Part No.	Grade Code		Taping code	h _{FE} *2 Symbol								
	General	Automotive										
2SA1576U3	*  	HZG  	T106	Q	R	PNP	0.2	-50	-0.15	120 to 390	SOT-323 (UMT3) 2.0×2.1 t=0.9	YES
2SC4081U3	*  	HZG  	T106	Q	R	NPN	0.2	50	0.15	120 to 390		YES

* The Grade Code is left blank for General products.

*1: Reference land pattern during mounting

*2: h_{FE} is Q=120 to 270, R=180-390 Please refer to the specifications for details.

Notes: Package names in parenthesis () denotes ROHM's package type.

Click on the  icon to access the product page on ROHM's website. Click on the  icon to access the product datasheet on ROHM's website.

Additional Information Available on ROHM's Website

Learn the basics

Electronics Basics

► What is a transistor? [Outline of a Transistor](#)

Many products are listed in addition to long-selling products

► [ROHM Bipolar Transistors](#)

Long-Selling Small-Signal Digital Transistors: DTA1xxxU3, DTC1xxxU3



Selling Points

Long-Term Supply*: 10 years

Cumulative Shipments: 700 million pcs

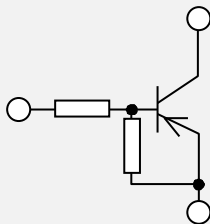
- The first company*¹ to develop digital transistors(transistors with built-in resistors), ROHM has been supplying them for many years
- Lots of lineup supports various applications
- We have more than sufficient capacity

*Supply period disclosed in ROHM's Product Longevity Program (As of July 2023)

*1: ROHM study

Features

■ Integrates resistors and a bipolar transistor in a single package



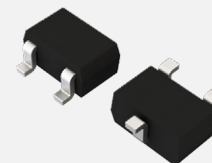
- **Contributes to a smaller mounting area and fewer design resources**
- **Built-in bias resistors make it possible to configure inverter circuits without external resistors on the input side**

■ Applications

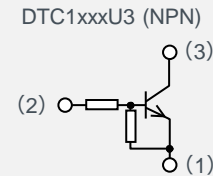
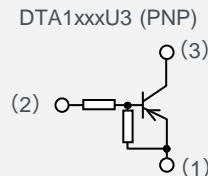
Inverter, driver, and interface circuits

■ Packages

SOT-323 (UMT3)
2.0mm×2.1mm t=0.9mm



■ Internal Circuit Diagram



(1) GND(+) (Emitter) (2) IN (Base) (3) OUT (Collector)



Note: Packages in parenthesis () denotes ROHM's package type.

Long-Selling Small-Signal Digital Transistors: Specifications



■ Product Specifications: DTA1xxxU3, DTC1xxxU3 series

Click on the icon to access the product page on ROHM's website.

Specifications	Part No.		Taping code	R ₁ [kΩ]	R ₂ [kΩ]	V _{CC} or V _{CBO} [V]	I _O [A]	V _{I(OFF)} [V]	V _{I(ON)} [V]	V _{O(ON)} [V]	I _I [mA]	I _{O(OFF)} [nA]	BV _{EBO} [V]	I _{CBO} [nA]	I _{EBO} [μA]		V _{CE(sat)} [mV]	Package [mm]
	 DTA1xxxU3 (PNP)	 DTC1xxxU3 (NPN)				Max	Max	Max	Min	Max	Max	Max	Min	Max	Min	Max	Max	
R ₁ =R ₂	DTA123EU3	DTC123EU3	T106	2.2	2.2	50	0.1	0.5	3	0.3	3.8	500	—	—	—	—	—	SOT-323 (UMT3) 2.0×2.1 t=0.9
	DTA143EU3	DTC143EU3	T106	4.7	4.7	50	0.1	0.5	3	0.3	1.8	500	—	—	—	—	—	
	DTA114EU3	DTC114EU3	T106	10	10	50	0.05	0.5	3	0.3	0.88	500	—	—	—	—	—	
	DTA124EU3	DTC124EU3	T106	22	22	50	0.03	0.5	3	0.3	0.36	500	—	—	—	—	—	
	DTA144EU3	DTC144EU3	T106	47	47	50	0.03	0.5	3	0.3	0.18	500	—	—	—	—	—	
	DTA115EU3	DTC115EU3	T106	100	100	50	0.02	0.5	3	0.3	0.15	500	—	—	—	—	—	
R ₁ ≠R ₂	DTA113ZU3	DTC113ZU3	T106	1	10	50	0.1	0.3	3	0.3	7.2	500	—	—	—	—	—	
	DTA123YU3	DTC123YU3	T106	2.2	10	50	0.1	0.3	3	0.3	3.8	500	—	—	—	—	—	
	DTA123JU3	DTC123JU3	T106	2.2	47	50	0.1	0.5	1.1	0.3	3.6	500	—	—	—	—	—	
	DTA143XU3	DTC143XU3	T106	4.7	10	50	0.1	0.3	2.5	0.3	1.8	500	—	—	—	—	—	
	DTA143ZU3	DTC143ZU3	T106	4.7	47	50	0.1	0.5	1.3	0.3	1.8	500	—	—	—	—	—	
	DTA114YU3	DTC114YU3	T106	10	47	50	0.07	0.3	1.4	0.3	0.88	500	—	—	—	—	—	
R ₁ Alone	DTA124XU3	DTC124XU3	T106	22	47	50	0.05	0.4	2.5	0.3	0.36	500	—	—	—	—	—	
	DTA143TU3	DTC143TU3	T106	4.7	—	50	0.1	—	—	—	—	—	5	500	—	500	300	
R ₂ Alone	DTA114TU3	DTC114TU3	T106	10	—	50	0.1	—	—	—	—	—	5	500	—	500	300	
	—	DTC114GU3	T106	—	10	50	0.1	—	—	—	—	—	5	500	300	580	300	
R ₂ Alone	—	DTC115GU3	T106	—	100	50	0.1	—	—	—	—	—	5	500	30	58	300	

Note1: The '-' is omitted for PNP types.

Note2: Packages in parenthesis () denotes ROHM's package type.

Additional Information Available on ROHM's Website

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Electronics Basics

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Many products are listed in addition to long-selling products

► [ROHM Digital Transistors](#)

Long-Selling Small-Signal MOSFETs: RUM002N02, RSM002N06



Selling Points

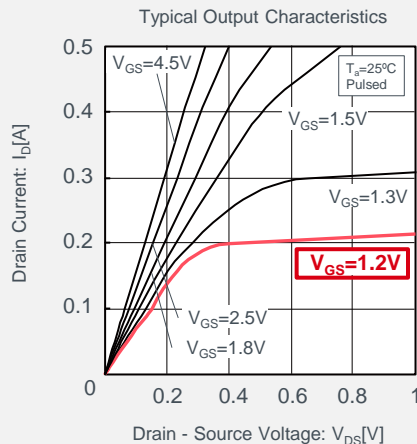
Long-Term Supply*: 10 years

Cumulative Shipments: 2.2 billion pcs

- Low 1.2V drive voltage ideal for compact applications
- The micro-processing technologies achieves low ON resistance in a small size
- We have more than sufficient capacity

Features

RUM002N02



Compatible with low 1.2V drive voltage

Adopts a Compact Package

General Small Signal MOSFET
SOT-323 (UMT3)
(2.0mm×2.1mm)

ROHM's Long-Selling Small-Signal MOSFET
SOT-723 (VMT3)
(1.2mm×1.2mm)

-64% smaller package
(vs General Product)

SOT-723 features the smallest size among packaged terminal products while ensuring high mounting performance

Applications

Switching

Packages

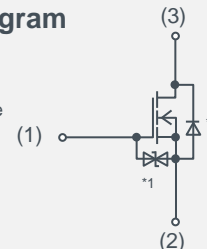
SOT-723 (VMT3)
1.2mm×1.2mm t=0.5mm

Internal Circuit Diagram

(1) Gate (2) Source (3) Drain

*1: Electrostatic Protection Diode

*2: Internal Diode







Note: Packages in parenthesis () denotes ROHM's package type.

Long-Selling Small-Signal MOSFETs: Specifications




■ Product Specifications: RUM002N02, RSM002N06

Product No.		Polarity [ch]	V _{DSS} [V]	I _D [A]	P _D [W] (T _a =25°C)	R _{DS(on)} [Ω]												Package [mm]
Part No.	Taping code					V _{GS} =10V		V _{GS} =4.5V		V _{GS} =4.0V		V _{GS} =2.5V		V _{GS} =1.5V		V _{GS} =1.2V		
						Typ	Max	Typ	Max	Typ	Max	Typ	Max	Typ	Max	Typ	Max	
RUM002N02  	T2L	N	20	0.20	0.15	—	—	—	—	—	—	0.80	1.20	1.20	2.40	1.60	4.80	SOT-723 (VMT3) 1.2×1.2 t=0.5
RSM002N06  	T2L		60	0.25	0.15	1.70	2.40	2.10	3.00	2.30	3.20	3.00	12.00	—	—	—	—	

Note: Packages in parenthesis () denotes ROHM's package type.

Click on the  icon to access the product page on ROHM's website.

Click on the  icon to access the product datasheet on ROHM's website.

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