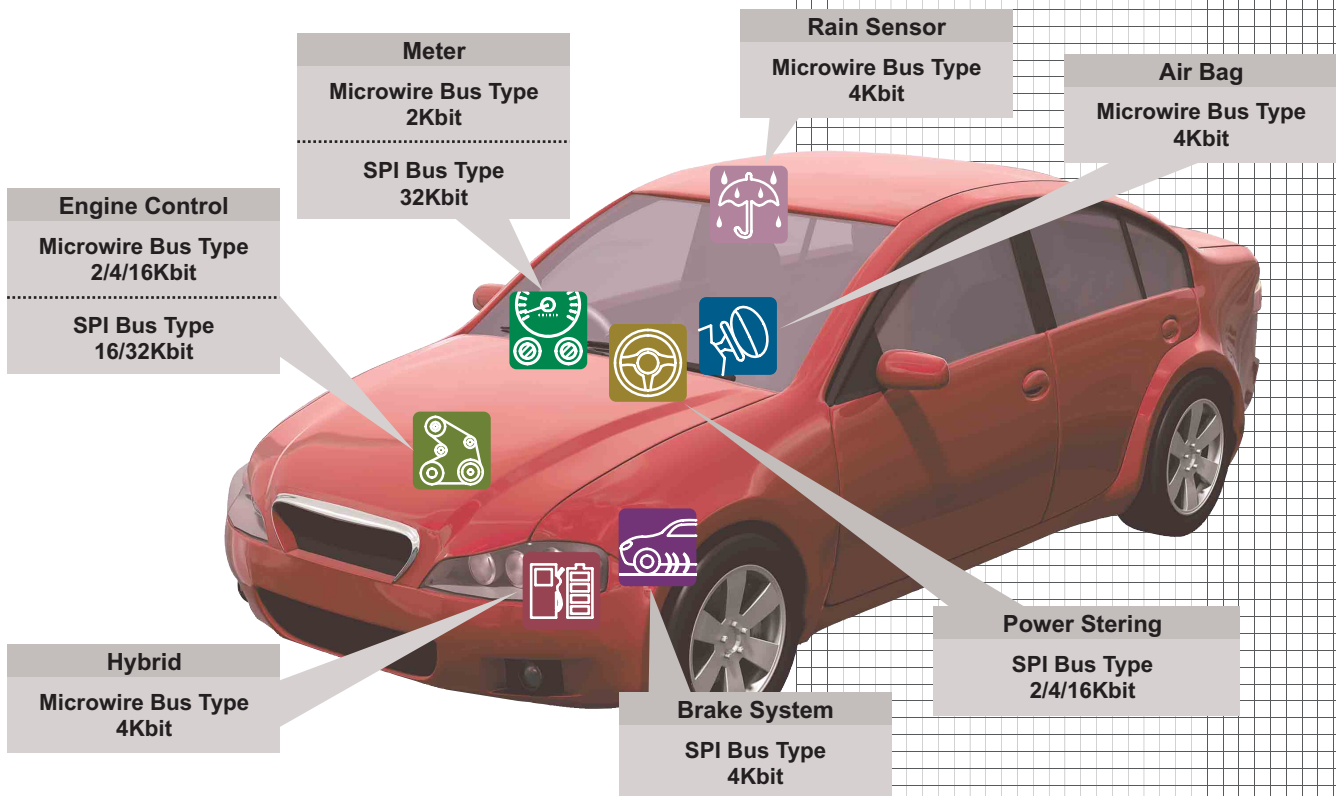


# High Reliability EEPROM SERIES

For Automotive

Featuring ROHM's market-proven reliability

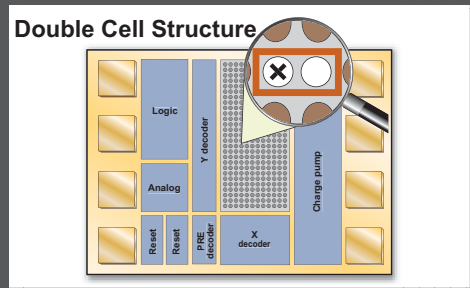


## Key Features

**1 Double cell technology ensures zero accidental failures**

ROHM's original double cell structure and double reset function protect important data from memory errors and malfunctions through redundant, fail-safe, proven\* technology.

\*Used continuously for 2 years by Japan's top car manufacturer with excellent results.



**2 Safe, streamlined production**

ROHM utilizes a streamlined, uniform production system, from wafer fabrication to assembly, resulting in unsurpassed quality.

**3 Universally compliant**

ROHM EEPROMs conform to AEC-Q100 standards.

New

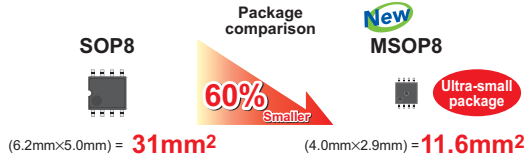
## New SPI Bus Type (Compatible with New Processes)

BR35H Series (Supply Voltage : 2.5V to 5.5V, Operating Temperature : -40°C to +125°C type)

Density	Bit Configuration	Part No. and Package Type			
		SOP8	SOP-J8	TSSOP-B8	MSOP8
1Kbit	128 × 8	BR35H010F-WC ☆	BR35H010FJ-WC ☆	BR35H010FVT-WC ☆	BR35H010FVM-WC ☆
2Kbit	256 × 8	BR35H020F-WC ☆	BR35H020FJ-WC ☆	BR35H020FVT-WC ☆	BR35H020FVM-WC ☆
4Kbit	512 × 8	BR35H040F-WC ☆	BR35H040FJ-WC ☆	BR35H040FVT-WC ☆	BR35H040FVM-WC ☆
8Kbit	1K × 8	BR35H080F-WC ☆	BR35H080FJ-WC ☆	BR35H080FVT-WC ☆	BR35H080FVM-WC ☆
16Kbit	2K × 8	New BR35H160F-WC	New BR35H160FJ-WC	New BR35H160FVT-WC	New BR35H160FVM-WC
32Kbit	4K × 8	New BR35H320F-WC	New BR35H320FJ-WC	New BR35H320FVT-WC	New BR35H320FVM-WC
64Kbit	8K × 8	BR35H640F-WC ☆	BR35H640FJ-WC ☆	BR35H640FVT-WC ☆	—
128Kbit	16K × 8	New BR35H128F-WC	New BR35H128FJ-WC	—	—

Automotive-grade EEPROMs in the industry's smallest package

## Ultra-compact automotive-grade MSOP8-package EEPROMs Contributes to greater miniaturization



## Microwire Bus Type

BR93A Series (Supply Voltage : 2.5V to 5.5V, Operating Temperature : -40°C to +105°C type)

Density	Bit Configuration	Part No. and Package Type			
		SOP8	SOP-J8	TSSOP-B8	MSOP8
1Kbit	64 × 16	BR93A46RF-WM	BR93A46RFJ-WM	BR93A46RFVT-WM ☆	BR93A46RFVM-WM ☆
2Kbit	128 × 16	BR93A56RF-WM	BR93A56RFJ-WM	BR93A56RFVT-WM ☆	New BR93A56RFVM-WM
4Kbit	256 × 16	BR93A66RF-WM	BR93A66RFJ-WM	BR93A66RFVT-WM ☆	New BR93A66RFVM-WM
8Kbit	512 × 16	BR93A76RF-WM	BR93A76RFJ-WM	BR93A76RFVT-WM ☆	BR93A76RFVM-WM ☆
16Kbit	1K × 16	BR93A86RF-WM	BR93A86RFJ-WM	BR93A86RFVT-WM ☆	BR93A86RFVM-WM ☆

BR93H Series (Supply Voltage : 2.7V to 5.5V, Operating Temperature : -40°C to +125°C type)

Density	Bit Configuration	Part No. and Package Type			
		SOP8	SOP-J8	TSSOP-B8	MSOP8
1Kbit	64 × 16	BR93H46RF-WC ☆	BR93H46RFJ-WC ☆	BR93H46RFVT-WC ☆	BR93H46RFVM-WC ☆
2Kbit	128 × 16	BR93H56RF-WC	BR93H56RFJ-WC	BR93H56RFVT-WC ☆	BR93H56RFVM-WC ☆
4Kbit	256 × 16	BR93H66RF-WC	BR93H66RFJ-WC	BR93H66RFVT-WC ☆	BR93H66RFVM-WC ☆
8Kbit	512 × 16	BR93H76RF-WC	BR93H76RFJ-WC	BR93H76RFVT-WC ☆	BR93H76RFVM-WC ☆
16Kbit	1K × 16	BR93H86RF-WC	BR93H86RFJ-WC	BR93H86RFVT-WC ☆	BR93H86RFVM-WC ☆

## SPI Bus Type

BR25H Series (Supply Voltage : 2.5V to 5.5V, Operating Temperature : -40°C to +125°C type)

Density	Bit Configuration	Part No. and Package Type		
		SOP8	SOP-J8	TSSOP-B8
1Kbit	128 × 8	BR25H010F-WC	BR25H010FJ-WC	BR25H010FVT-WC ☆
2Kbit	256 × 8	BR25H020F-WC	BR25H020FJ-WC	BR25H020FVT-WC ☆
4Kbit	512 × 8	BR25H040F-WC	BR25H040FJ-WC	BR25H040FVT-WC ☆
8Kbit	1K × 8	BR25H080F-WC	BR25H080FJ-WC	BR25H080FVT-WC
16Kbit	2K × 8	BR25H160F-WC	BR25H160FJ-WC	BR25H160FVT-WC
32Kbit	4K × 8	BR25H320F-WC	BR25H320FJ-WC	—

## I<sup>2</sup>C Bus Type

BR24A Series (Supply Voltage : 2.5V to 5.5V, Operating Temperature : -40°C to +105°C type)

Density	Bit Configuration	Part No. and Package Type			
		SOP8	SOP-J8	TSSOP-B8	MSOP8
1Kbit	128 × 8	BR24A01AF-WM	BR24A01AFJ-WM	BR24A01AFVT-WM ☆	BR24A01AFVM-WM ☆
2Kbit	256 × 8	BR24A02F-WM	BR24A02FJ-WM	BR24A02FVT-WM ☆	New BR24A02FVM-WM
4Kbit	512 × 8	BR24A04F-WM	BR24A04FJ-WM	BR24A04FVT-WM ☆	BR24A04FVM-WM ☆
8Kbit	1K × 8	BR24A08F-WM	BR24A08FJ-WM	BR24A08FVT-WM ☆	BR24A08FVM-WM ☆
16Kbit	2K × 8	BR24A16F-WM	BR24A16FJ-WM	BR24A16FVT-WM ☆	BR24A16FVM-WM ☆
32Kbit	4K × 8	BR24A32F-WM	BR24A32FJ-WM ☆	BR24A32FVT-WM ☆	BR24A32FVM-WM ☆
64Kbit	8K × 8	BR24A64F-WM	BR24A64FJ-WM ☆	BR24A64FVT-WM ☆	BR24A64FVM-WM ☆

Package Lineup	SOP8	SOP-J8 (JEDEC Standard)	TSSOP-B8 (JEDEC Standard)	MSOP8
LxWxH (mm)	6.2x5.0x1.5	6.0x4.9x1.375	6.4x3.0x1.0	4.0x2.9x0.9max.

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