

FRAM 2Mbit Serial-SPI Interface 3.3V 8-Pin SOP T/R



Images are for reference only

[Inquiry](#)

Manufacturer: [Fujitsu Components America, Inc](#)

Package/Case: SOP8

Product Type: Memory

RoHS: RoHS Compliant/Lead free 

Lifecycle: Active

General Description

MB85RS2MTAPNF-G-BDERE1 is a specific electronic component that is a non-volatile FRAM (Ferroelectric Random Access Memory) chip manufactured by Fujitsu.

Key Features

It has a storage capacity of 2 Megabits (256K words x 8 bits).

It operates on a low power supply voltage of 1.8V to 3.6V.

It has a fast write speed of 30 microseconds for byte write and 2 milliseconds for a page write.

It can endure up to 10^{13} read/write cycles, which is significantly higher than traditional non-volatile memory technologies such as EEPROM or Flash memory.

It can operate over a wide temperature range, from -40°C to $+85^{\circ}\text{C}$.

Application

Industrial control systems, factory automation equipment, and other industrial applications that require reliable non-volatile memory for data storage.

Smart meters, automotive electronics, and other applications that require low-power operation and long-term data retention.

Battery-powered devices, handheld devices, and other portable electronics that require non-volatile memory with fast write speed and low power consumption.

Recommended For You

MB85RS16PNF-G-JNERE1

Fujitsu Components America, Inc

SOP8

MB85RS1MTPNF-G-JNERE1

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SOP8

MB85R256FPNF-G-JNERE2

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SOP28

MB85RC128PNF-G-JNE1

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SOP8

MB85RS64TPN-G-AMEWE1

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SOP

MB85RC04VPNF-G-JNE1

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SOP-8

MB85RS256APNF-G-JNERE1

Fujitsu Components America, Inc
SOP-8

MB85R4M2TFN-G-JAE2

Fujitsu Components America, Inc
TSOP44

MB85RS2MTPF-G-JNE2

Fujitsu Components America, Inc
SOP8

MB85RS4MTPF-G-BCERE1

Fujitsu Components America, Inc
SOP

MB85R4M2TFN-G-ASE1

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TSOP44

MB85RC256VPF-G-JNERE2

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SOP-8

MB85R1002ANC-GE1

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TSOP48

MB85R1001ANC-GE1

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TSOP48

MB85RS64VPNF-G-JNE1

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SOP