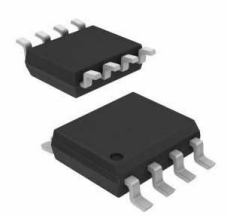
AT93C66B-SSHM-T

EEPROM Serial-3Wire 4K-bit 512 x 8/256 x 16 1.8V/2.5V/3.3V/5V Automotive 8-Pin SOIC N T/R

Manufacturer:	Microchip Technology, Inc
Package/Case:	SOP8
Product Type:	Memory
RoHS:	RoHS Compliant/Lead free
Lifecycle:	Active



Images are for reference only

Inquiry

General Description

The Microchip AT93C66B is a 4 Kb Microwire (3-wire) Serial EEPROM organized as either 512 x 8 or 256 x 16, selectable in hardware using the ORG pin. The device is optimized for use in consumer, industrial, and automotive applications where reliable and dependable nonvolatile memory storage is essential. The EEPROM is available in a variety of space-saving packaging options.

Key Features

User selectable 512 x 8 or 256 x 16 Organization (4 Kbit)

Industry Standard Microwire Serial I/O

Up to 2 MHz clock compatibility

Self-Timed Erase and Write Cycles (5 ms max.)

Read current 0.5 mA (Typ), 2.0 mA (Max)

Write current 0.5 mA (Typ),2.0 mA (Max)

Standby current 10.0 uA (Typ), 15.0 uA (Max)

Software Write-Protection

More than 1 million erase/write cycles

Data retention > 100 years

Grade 1 Temperature Range: -40°C to 125°C

Qualified for Automotive Applications

Factory Programming Available

Available in 8-pin SOIC (150 mil), 8-pin TSSOP, 8-pad UDFN, 8-pad XDFN, and 8-ball VFBGA packages

Recommended For You

AT93C46E-PU

Microchip Technology, Inc

DIP8

AT93C46D-PU

Microchip Technology, Inc

DIP8

AT24C64D-SSHM-T

Microchip Technology, Inc

SOP8

AT24C128C-MAHM-T

Microchip Technology, Inc

UDFN-8

AT93C66B-XHM-T

Microchip Technology, Inc

TSSOP8

AT25256B-SSHL-T

Microchip Technology, Inc

SOP8

AT24C08C-SSHM-T

Microchip Technology, Inc

SOP8

AT24C04C-PUM

Microchip Technology, Inc

DIP8

AT24C256C-SSHL-T

Microchip Technology, Inc

SOP8

AT24C02C-XHM-T

Microchip Technology, Inc

TSSOP8

AT24C02C-XHM-B

Microchip Technology, Inc

TSSOP8

AT24C32D-SSHM-T

Microchip Technology, Inc

SOP8

AT24C02C-SSHM-T

Microchip Technology, Inc

SOP8

AT24C16C-SSHM-B

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SOP-8

AT93C56B-SSHM-T

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