


EEPROM Serial-Microwire 1K-bit 64 x 16 5V 8-Pin SOIC N

Tube

Manufacturer:	Microchip Technology, Inc
Package/Case:	SOP-8
Product Type:	Memory
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active



Images are for reference only

[Inquiry](#)

General Description

The Microchip 93C46B device is a 1Kb Microwire (3-wire) Serial EEPROM with dedicated 16-bit memory organization and a voltage operation range of 4.5 - 5.5V. Also available are the 93C46A for dedicated 8-bit memory organization and the 93C46C for hardware selectable word size using the ORG pin. The 93C46B is optimized for use in consumer, industrial, and automotive applications where reliable and dependable nonvolatile memory storage is essential. The device is available in a variety of Pb-free packages including SOT-23, PDIP, SOIC, MSOP, DFN and TSSOP.

Key Features

- Low-power CMOS technology
- Self-timed erase/write cycles
- Automatic erase all (ERAL) before write all (WRAL)
- Power-on/off data protection circuitry
- Industry standard 3-wire serial I/O
- Device status signal (ready/busy)
- Sequential read function
- 1000000 Erase/write cycles
- Data retention >200 years

Recommended For You

AT93C46E-PU

Microchip Technology, Inc

DIP8

AT93C46D-PU

Microchip Technology, Inc

DIP8

AT93C66B-XHM-T

Microchip Technology, Inc

TSSOP8

AT93C56B-SSHMT

Microchip Technology, Inc
SOP8

93LC46B-I/SN

Microchip Technology, Inc
SOP8

93LC66C-I/SN

Microchip Technology, Inc
SOIC-8

93LC66A-I/SN

Microchip Technology, Inc
SOP8

AT93C46DN-SH-T

Microchip Technology, Inc
SOP8

93AA56AT-I/OT

Microchip Technology, Inc
SOT23-6

93LC86CT-I/SN

Microchip Technology, Inc
SOP8

93LC46-I/SN

Microchip Technology, Inc
SMD

93LC46CT-I/ST

Microchip Technology, Inc
TSSOP-8

AT93C86A-10SU-1.8

Microchip Technology, Inc
SOP-8

93LC66C-I/ST

Microchip Technology, Inc
TSSOP8

93LC66B/SN

Microchip Technology, Inc
SOP-8