

## EEPROM Serial-Microwire 1K-bit 64 x 16 3.3V/5V 8-Pin PDIP Tube



Images are for reference only

**Manufacturer:** [Microchip Technology, Inc](#)

**Package/Case:** DIP8

**Product Type:** Memory

**RoHS:** RoHS Compliant/Lead free 

**Lifecycle:** Active

[Inquiry](#)

### General Description

The Microchip 93LC46B device is a 1Kb Microwire (3-wire) Serial EEPROM with dedicated 16-bit memory organization and a voltage operation range of 2.5 - 5.5V. Also available are the 93LC46A for dedicated 8-bit memory organization and the 93LC46C for hardware selectable word size using the ORG pin. The 93LC46B 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

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-SSHM-T**

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