

EEPROM Serial-Microwire 2K-bit 256 x 8/128 x 16 3.3V/5V 8-Pin SOIC N Tube



Images are for reference only

Manufacturer: [Microchip Technology, Inc](#)

Package/Case: SOP8

Product Type: Memory

RoHS: RoHS Compliant/Lead free 

Lifecycle: Active

[Inquiry](#)

General Description

The Microchip 93LC56C device is a 2Kb Microwire (3-wire) Serial EEPROM with hardware selectable word size using the ORG pin and a voltage operation range of 2.5 - 5.5V. Also available are the 93LC56A for dedicated 8-bit memory organization and the 93LC56B for dedicated 16-bit memory organization. The 93LC56C 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 PDIP, SOIC, MSOP, DFN and TSSOP.

Key Features

Low-power CMOS technology

Self-timed erase/write cycles

Automatic ERAL before 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-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