

## EEPROM Serial-Microwire 4K-bit 512 x 8 3.3V/5V 8-Pin SOIC N Tube

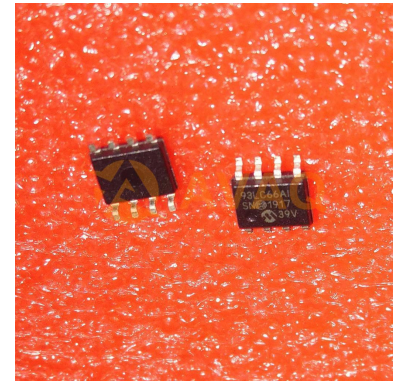
**Manufacturer:** [Microchip Technology, Inc](#)

**Package/Case:** SOP8

**Product Type:** Memory

**RoHS:** RoHS Compliant/Lead free 

**Lifecycle:** Active



Images are for reference only

[Inquiry](#)

### General Description

The Microchip 93LC66A device is a 4Kb Microwire (3-wire) Serial EEPROM with dedicated 8-bit memory organization and a voltage operation range of 2.5 - 5.5V. Also available are the 93LC66B for dedicated 16-bit memory organization and the 93LC66C for hardware selectable word size using the ORG pin. The 93LC66A 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 and write cycles

Automatic ERAL before WRAL

Power ON/OFF data protection circuitry

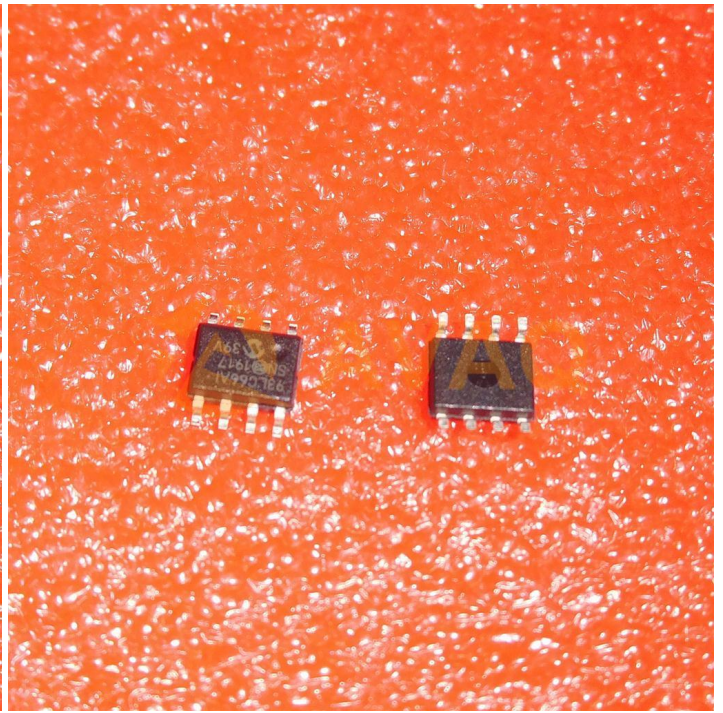
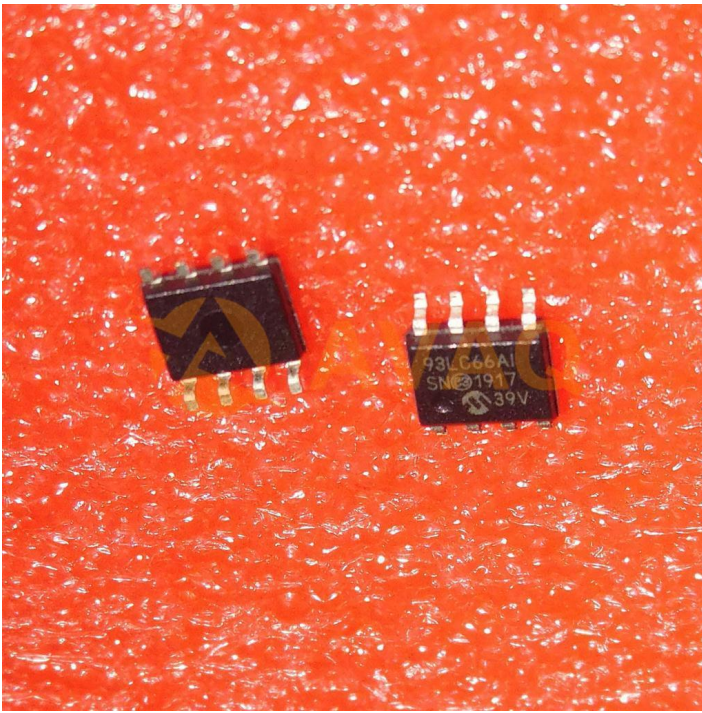
Industry standard 3-wire serial I/O

Device status signal

Sequential read function

1000000 Erase/write cycles ensured

Data retention >200 years



## Recommended For You

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### 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

### 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

### 93LC46B-I/MS

Microchip Technology, Inc

MSOP8