

EEPROM Serial-Microwire 2K-bit 256 x 8 2.5V/3.3V/5V 6-Pin SOT-23 T/R

Manufacturer:	Microchip Technology, Inc	<input type="text" value="93AA56AT-I/OT Image"/>
Package/Case:	SOT23-6	Images are for reference only
Product Type:	Memory	<input type="button" value="Inquiry"/>
RoHS:	RoHS Compliant/Lead free 	
Lifecycle:	Active	

General Description

The Microchip 93AA56A device is a 2Kb Microwire (3-wire) Serial EEPROM with dedicated 8-bit memory organization and a voltage operation range of 1.8 - 5.5V. Also available are the 93AA56B for dedicated 16-bit memory organization and the 93AA56C for hardware selectable word size using the ORG pin. The 93AA56A 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

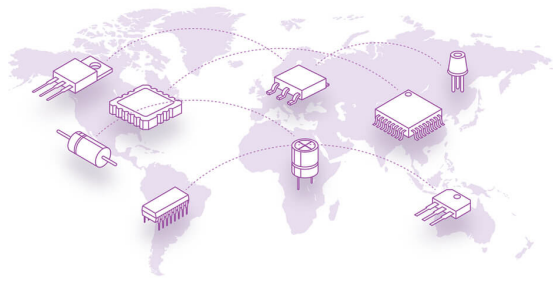
Industry standard 3-wire serial I/O

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-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

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