

2 Kbit Electrically Erasable PROM; Package: 8L SOIC .150in; Temperature Range: 150C / 1hr w/1 24 hours,EEPROM 2K, 256x8 1.8V Serial EE

Manufacturers	<u>Microchip Technology, Inc</u>
Package/Case	SOIC-8
Product Type	Memory
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for 24AA02E48-I/SN or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

The Microchip Technology Inc. 24AA02E48 is a 2Kb Serial EEPROM with pre-programmed EUI-48 MAC address. The device is organized as two blocks of 128 x 8-bit memory with a 2-wire serial interface. Low-voltage design permits operation down to 1.7V, with maximum standby and active currents of only 1  $\mu$ A and 1 mA, respectively. The 24AA02E48 also has a page write capability for up to 8 bytes of data. The 24AA02E48 is available in the standard 8-pin SOIC and 5-lead SOT-23 packages.

## Features

Pre-programmed Globally Unique, 48-bit Node Address

Compatible with EUI-48™ and EUI-64™

Single Supply with Operation Down to 1.7V

Low-Power CMOS Technology:- Read current 1 mA, max.- Standby current 1  $\mu$ A, max.

2-Wire Serial Interface, I2C™ Compatible

Schmitt Trigger Inputs for Noise Suppression

Output Slope Control to Eliminate Ground Bounce

100 kHz and 400 kHz Clock Compatibility

Page Write Time 3 ms, typical

Self-Timed Erase/Write Cycle

8-Byte Page Write Buffer

ESD Protection >4,000V

More than 1 Million Erase/Write Cycles

Data Retention >200 Years

Factory Programming Available

Packages include 8-lead SOIC and 5-lead SOT-23

Pb-free and RoHS Compliant

Temperature Ranges:- Industrial (I): -40°C to +85°C

(1P) CATALOG P/N : 24AA02E48-I/SN



(1T) LOT NO.: 190801323800MMT



(P) CUST.P/N:

MPC: DFAW47C2XF00



SEAL DATE : 03/31/21

WAFER QTY: -

WAFER REV: -

RECERT D/C: 2043

WAFER LOT: -



RoHS



MSL: 1/260C

PKG: SOIC

LEAD: 3

(Q) QTY

900



DC QTY

1821

900



ID#:(002) TRACE CODE: 1821UP4



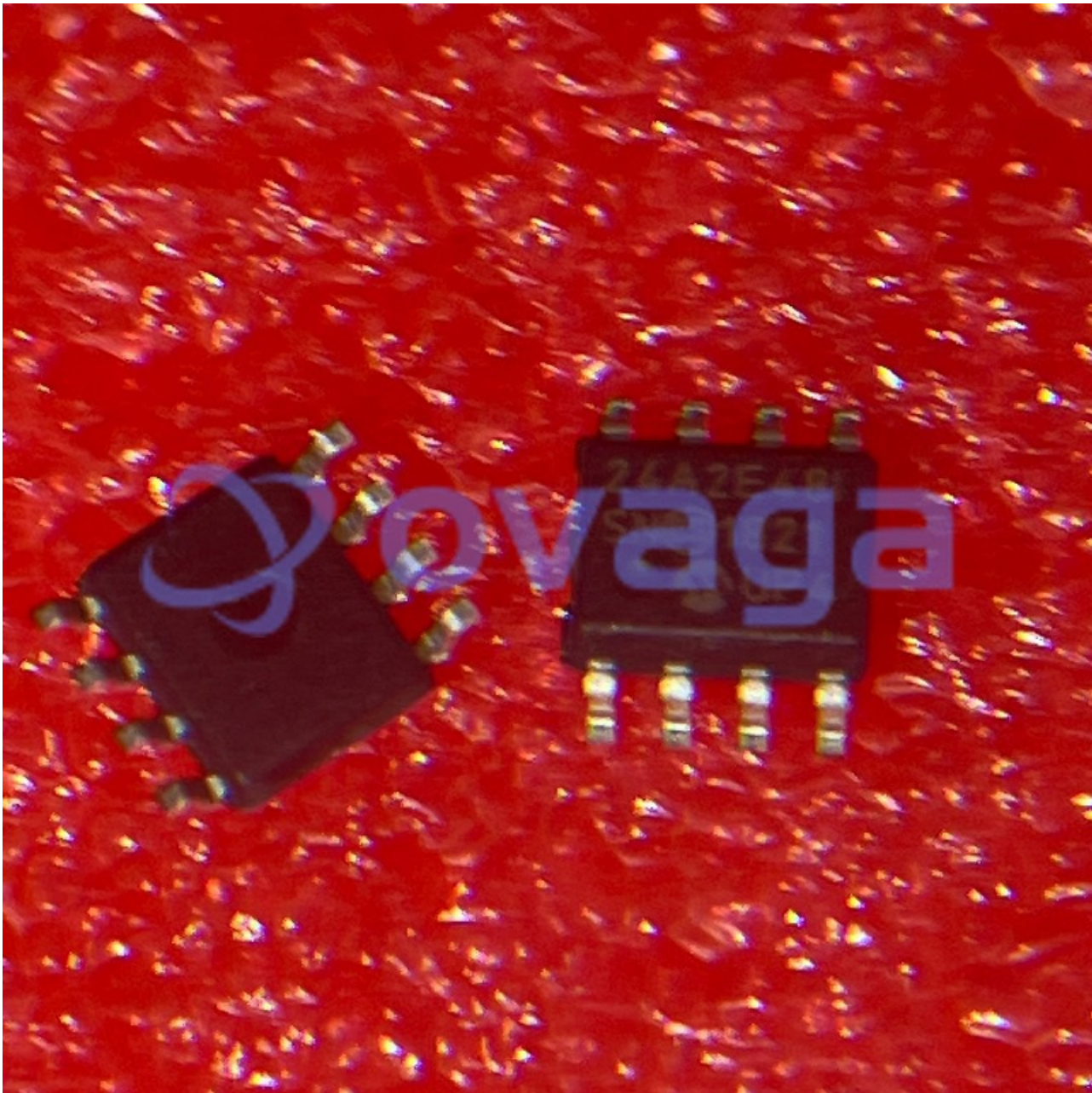
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