

EEPROM Serial-2Wire 512K-bit 64K x 8 1.8V/2.5V/3.3V 8-Pin SOIC T/R

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



Images are for reference only

Please submit RFQ for AT24C512C-SSHM-T or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

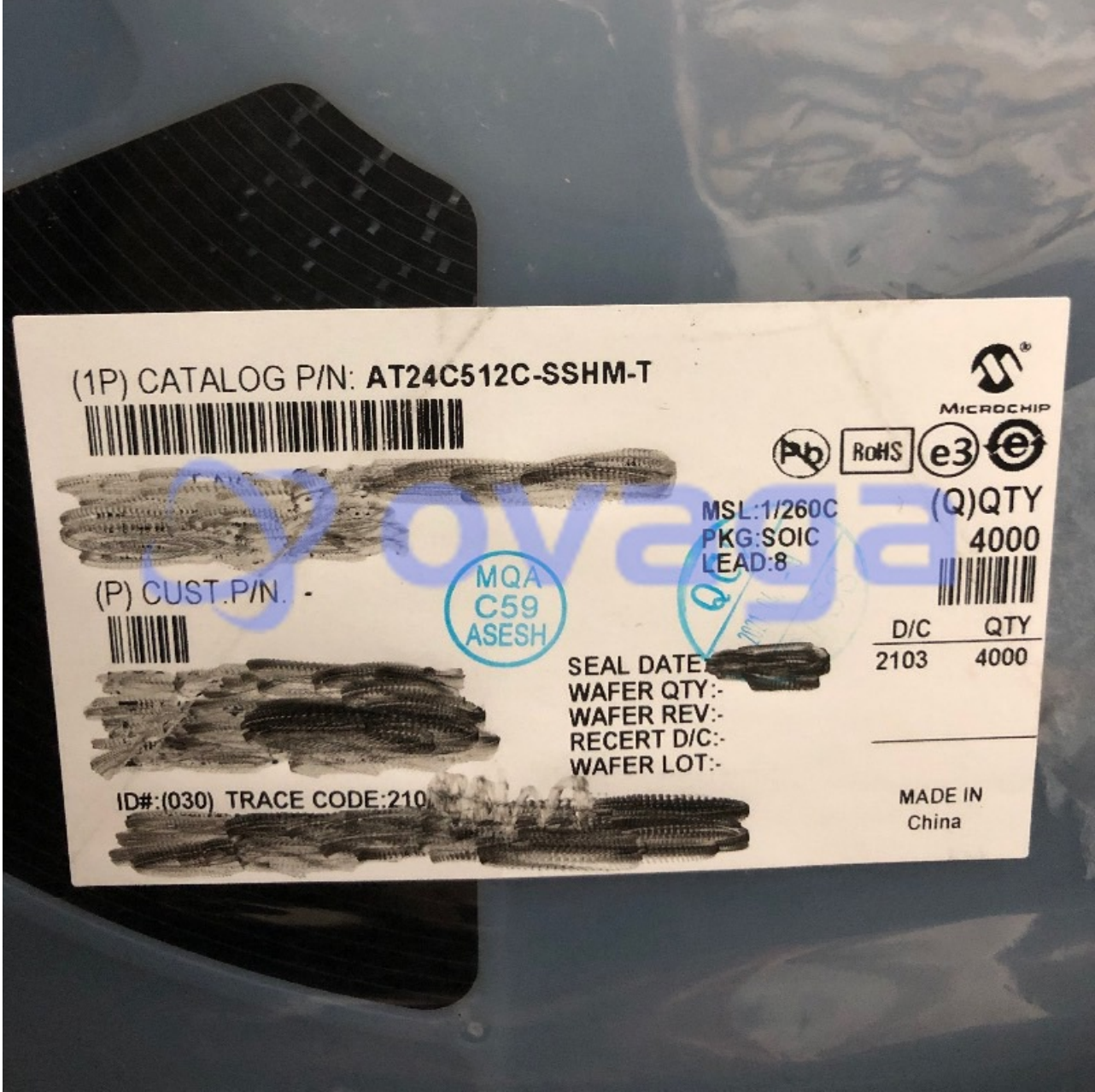
The CAT24C512C8UTR is a 512 Kb Serial CMOS EEPROM, internally organized as 65,536 words of 8 bits each. It features a 128-byte page write buffer and supports the Standard (100 kHz), Fast (400 kHz) and Fast-Plus (1 MHz) I2C protocol. Write operations can be inhibited by taking the WP pin High (this protects the entire memory). External address pins make it possible to address up to eight CAT24C512C8UTR devices on the same bus. On-Chip ECC (Error Correction Code) makes the device suitable for high reliability applications.

Features

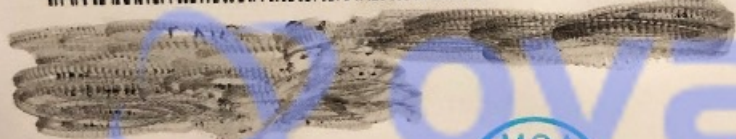
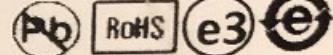
- Supports Standard, Fast and Fast-Plus I2C Protocol
- 1.8 V to 5.5 V Supply Voltage Range
- 128-Byte Page Write Buffer
- Hardware Write Protection for Entire Memory
- Schmitt Triggers and Noise Suppression Filters on I2C Bus Inputs(SCL and SDA)
- Low Power CMOS Technology
- 1,000,000 Program/Erase Cycles
- 100 Year Data Retention
- Industrial and Extended Temperature Range
- These Devices are Pb-Free, Halogen Free/BFR Free and are RoHSCompliant

Application

- Wireless devices - Cell phones (Smartphone)
- Smartphone
- Wireless devices



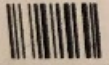
(1P) CATALOG P/N: AT24C512C-SSHM-T



MSL:1/260C
PKG:SOIC
LEAD:8

(Q)QTY
4000

(P) CUST.P/N. -



MQA
C59
ASESH



SEAL DATE:-
WAFER QTY:-
WAFER REV:-
RECERT D/C:-
WAFER LOT:-

D/C	QTY
2103	4000

ID#:(030) TRACE CODE:210

MADE IN
China

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SOIC-8



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SOIC-8



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