

EEPROM Serial-I2C 128K-bit 16K x 8 2.5V/3.3V/5V Automotive 8-Pin UDFN EP T/R

Manufacturers	ON Semiconductor, LLC
Package/Case	8-UDFN
Product Type	Memory
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for CAT24C128HU4IGT3 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The CAT24C128 is a EEPROM Serial 128-Kb I2C, internally organized as 16,384 words of 8 bits each. It features a 64-byte page write buffer and supports both 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). 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

64-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 Temperature Range

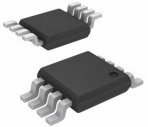
8-lead SOIC and TSSOP and 8-pad UDFN packages

This Device is Pb-Free, Halogen Free/BFR Free and RoHS Compliant

Application

ONSEMI

Related Products



[CAT25256YI-GT3](#)

ON Semiconductor, LLC
TSSOP-8



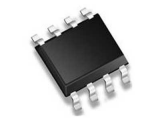
[CAT24M01YI-GT3](#)

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[CAT24C512YI-GT3](#)

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TSSOP-8



[CAT24M01XI-T2](#)

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[CAT24C512XI-T2](#)

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[CAT93C46BVI-GT3](#)

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[CAT25512VI-GT3](#)

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[CAT25320VI-GT3](#)

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SOIC-8