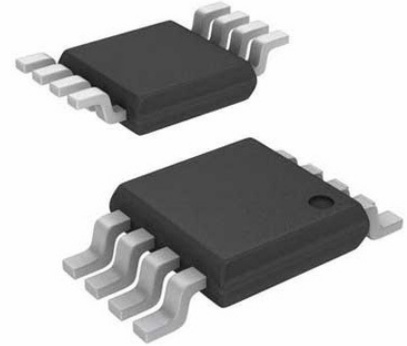


256 kb SPI Serial CMOS EEPROM,EEPROM 256K SPI Serial CMOS EEPROM

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



Images are for reference only

Please submit RFQ for CAT25256YI-GT3 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The CAT25256 is a EEPROM Serial 256-Kb SPI device internally organized as 32kx8 bits. This features a 64-byte page write buffer and supports the Serial Peripheral Interface (SPI) protocol. The device is enabled through a Chip Select (CS) input. In addition, the required bus signals are clock input (SCK), data input (SI) and data output (SO) lines. The HOLD input may be used to pause any serial communication with the CAT25256 device. The device features software and hardware write protection, including partial as well as full array protection. On-Chip ECC (Error Correction Code) makes the device suitable for high reliability applications. Available for New Product (Rev. E).

Features

20 MHz (5 V) SPI Compatible

1.8 V to 5.5 V Supply Voltage Range

SPI Modes (0,0) & (1,1)

64-byte Page Write Buffer

Additional Identification Page with Permanent Write Protection (New Product)

Self-timed Write Cycle

Hardware and Software Protection

100 Year Data Retention

1,000,000 Program/Erase Cycles

Low Power CMOS Technology

Block Write Protection- Protect 1/4, 1/2 or Entire EEPROM Array

Industrial Temperature Range

8-leadSOIC, TSSOP and 8-pad UDFN Packages

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

Application

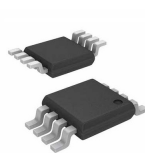
ONSEMI

Related Products



[CAT24M01YI-GT3](#)

ON Semiconductor, LLC
TSSOP-8



[CAT24C512YI-GT3](#)

ON Semiconductor, LLC
TSSOP-8



[CAT24M01XI-T2](#)

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[CAT24C512XI-T2](#)

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SOIC-8



[CAT93C46BVI-GT3](#)

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SOIC-8



[CAT25512VI-GT3](#)

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[CAT25320VI-GT3](#)

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[CAT25M01VI-GT3](#)

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