

EEPROM Serial-SPI 32K-bit 4K x 8 2.5V/3.3V/5V 8-Pin SOIC N T/R

Manufacturers	<a href="#">ON Semiconductor, LLC</a>
Package/Case	SOIC-8
Product Type	Memory
RoHS	Pb-free Halide free
Lifecycle	



Images are for reference only

Please submit RFQ for CAT25320VI-GT3 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

The CAT25320 is a EEPROM Serial 32-Kb SPI device internally organized as 4096x8 bits. This features a 32-byte page write buffer and supports the Serial Peripheral Interface (SPI) protocol. The device is enabled through a Chip Select (CS). 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 CAT25320 device. The device features software and hardware write protection, including partial as well as full array protection.

## Features

10 MHz SPI compatible

1.8 V to 5.5 V supply voltage range

SPI modes (0,0) & (1,1)

32-Byte page write buffer

Self-timed write cycle

Hardware and software protection

1,000,000 program/erase cycles

100 year data retention

Industrial temperature range

Block write protection - Protect 1/4, 1/2 or all of EEPROM array

Low power CMOS technology

RoHS-compliant SOIC, TSSOP 8-lead and UDFN 8-pad packages

## Application

ONSEMI

## Related Products



### [CAT25256YI-GT3](#)

ON Semiconductor, LLC  
TSSOP-8



### [CAT24C512YI-GT3](#)

ON Semiconductor, LLC  
TSSOP-8



### [CAT24C512XI-T2](#)

ON Semiconductor, LLC  
SOIC-8



### [CAT25512VI-GT3](#)

ON Semiconductor, LLC  
SOIC-8



### [CAT24M01YI-GT3](#)

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TSSOP-8



### [CAT24M01XI-T2](#)

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### [CAT93C46BVI-GT3](#)

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### [CAT25M01VI-GT3](#)

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