

EEPROM Serial 1-Kb Microwire

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



Images are for reference only

Please submit RFQ for CAT93C46BVI-GT3 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

RFQ

## General Description

The CAT93C46B is a 1-Kb Microwire Serial EEPROM memory device which is configured as either 64 registers of 16 bits (ORG pin at VCC) or 128 registers of 8 bits (ORG pin at GND). Each register can be written (or read) serially by using the DI (or DO) pin. The CAT93C46B features a self-timed internal write with auto-clear. On-chip Power-On Reset circuit protects the internal logic against powering up in the wrong state.

## Features

High Speed Operation: 4 MHz (5 V), 2 MHz (1.8 V)

1.8 V (1.65 V for CAT93C46BxxxxL />

Selectable x8 or x16 Memory Organization

Self-Timed Write Cycle with Auto-Clear

Sequential Read

Software Write Protection

100 Year Data Retention

Low Power CMOS Technology

1,000,000 Program/Erase Cycles

Powerup Inadvertant Write Protection

Industrial Temperature Ranges

8-pin SOIC, 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



### [CAT24C512YI-GT3](#)

ON Semiconductor, LLC  
TSSOP-8



### [CAT24C512XI-T2](#)

ON Semiconductor, LLC  
SOIC-8



### [CAT24M01YI-GT3](#)

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TSSOP-8



### [CAT24M01XI-T2](#)

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### [CAT25512VI-GT3](#)

ON Semiconductor, LLC  
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[CAT25320VI-GT3](#)

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[CAT25M01VI-GT3](#)

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