

Product Overview

CAT93C57: 2-kb Microwire Serial EEPROM Memory

For complete documentation, see the data sheet.

The CAT93C57 is a 2-kb CMOS Serial EEPROM device which is organized as either 128 registers of 16 bits (ORG pin at VCC) or 256 registers of 8 bits (ORG pin at GND). Each register can be written (or read) serially by using the DI (or DO) pin. The CAT93C57 features sequential read and self-timed internal write with auto-clear. On-chip Power-On Reset circuitry protects the internal logic against powering up in the wrong state.

Features

- High Speed Operation: 2 MHz
- 1.8 V to 5.5 V Supply Voltage Range
- Selectable x8 or x16 Memory Organization
- Sequential Read
- Software Write Protection
- Powerup Inadvertant Write Protection
- Low Power CMOS Technology
- 1,000,000 Program/Erase Cycles
- 100 Year Data Retention
- Industrial and Extended Temperature Ranges

For more features, see the data sheet

Applications

- Automotive Systems
- Communications Systems
- Computer Systems
- Consumer Systems
- Industrial Systems

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