ovaga

X28HC64JIZ-12

64K, 8K x 8 Bit; 5 Volt, Byte Alterable EEPROM; Temperature Range: -40℃ to 85℃;
Package: 32-PLCC

Manufacturers	Renesas Technology Corp
Package/Case	PLCC32
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	

Images are for reference only

Please submit RFQ for X28HC64JIZ-12 or Email to us: sales@ovaga.com We will contact you in 12 hours.   RFQ

General Description

The X28HC64 is an 8k x 8 EEPROM, fabricated with Intersil's proprietary, high performance, floating gate CMOS technology. Like all Intersil programmable nonvolatile memories, the X28HC64 is a 5V only device. It features the JEDEC approved pinout for byte-wide memories, compatible with industry standard RAMs.The X28HC64 supports a 64-byte page write operation, effectively providing a 32μs/byte write cycle, and enabling the entire memory to be typically written in 0.25 seconds. The X28HC64 also features DATA Polling and Toggle Bit Polling, two methods providing early end of write detection. In addition, the X28HC64 includes a user-optional software data protection mode that further enhances Intersil's hardware write protect capability.Intersil EEPROMs are designed and tested for applications requiring extended endurance. Inherent data retention is greater than 100 years.

Features

70ns access time

Simple byte and page write

Single 5V supply

No external high voltages or V_{P-P} control circuits

Self-timed

No erase before write

No complex programming algorithms

No overerase problem

Low power CMOS

40mA active current maximum

200µA standby current maximum

Fast write cycle times

64-byte page write operation

Byte or page write cycle: 2ms typical

Complete memory rewrite: 0.25s typical

Effective byte write cycle time: 32µs typical

Software data protection

End of write detection

DATA polling

Toggle bit

High reliability

Endurance: 100,000 cycles

Data retention: 100 years

JEDEC approved byte-wide pinout

Pb-free available (RoHS compliant)

Related Products

X28HC64JZ-12

Renesas Technology Corp

PLCC-32

X28HC256SI-12

Renesas Technology Corp

SOP-28

X28HC256JI-15

Renesas Technology Corp

PLCC32

R1EX24064ASAS0I#S0

Renesas Technology Corp

8-TSSOP (0.173", 4.40mm Width)

Ovaga Technologies Limited   Email: sales@ovaga.com

R1EX24016ASAS0I

Renesas Technology Corp

SOP8

R1EX25064ASA00A

Renesas Technology Corp

SOIC-8

R1EX24512ASAS0A

Renesas Technology Corp

SOP8

R1EX24008ASAS0A

Renesas Technology Corp

SOP8