

1Kb Protected 1-Wire EEPROM with SHA-1 Engine

Manufacturers	Analog Devices, Inc
Package/Case	SOC-6
Product Type	Memory
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for DS28E01P-100 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com). We will contact you in 12 hours.

[RFQ](#)

General Description

DS28E01P-100 is a 1-Wire digital EEPROM (Electrically Erasable Programmable Read-Only Memory) chip manufactured by Maxim Integrated. It features a 1024-bit memory with a 1-Wire interface, which allows for easy communication with microcontrollers and other devices over a single data line.

Features

- 1024-bit EEPROM memory
- 1-Wire interface for communication with other devices
- Operating temperature range from -40°C to +85°C
- Low standby current of 1µA max
- Strong 64-bit ROM ID for device identification and authentication

Application

- Sensor and data logger systems
- Medical and fitness devices
- Industrial control and automation systems
- Automotive and transportation systems
- Security and access control systems



Related Products



[DS9003A+](#)

Analog Devices, Inc
IBACC



[DS1990R-F5](#)

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