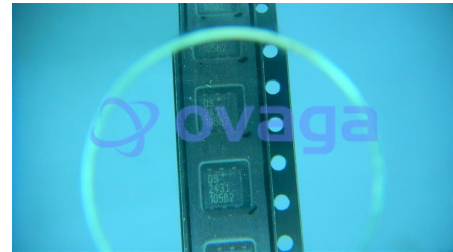


1024-Bit 1-Wire EEPROM

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



Images are for reference only

Please submit RFQ for DS2431P or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

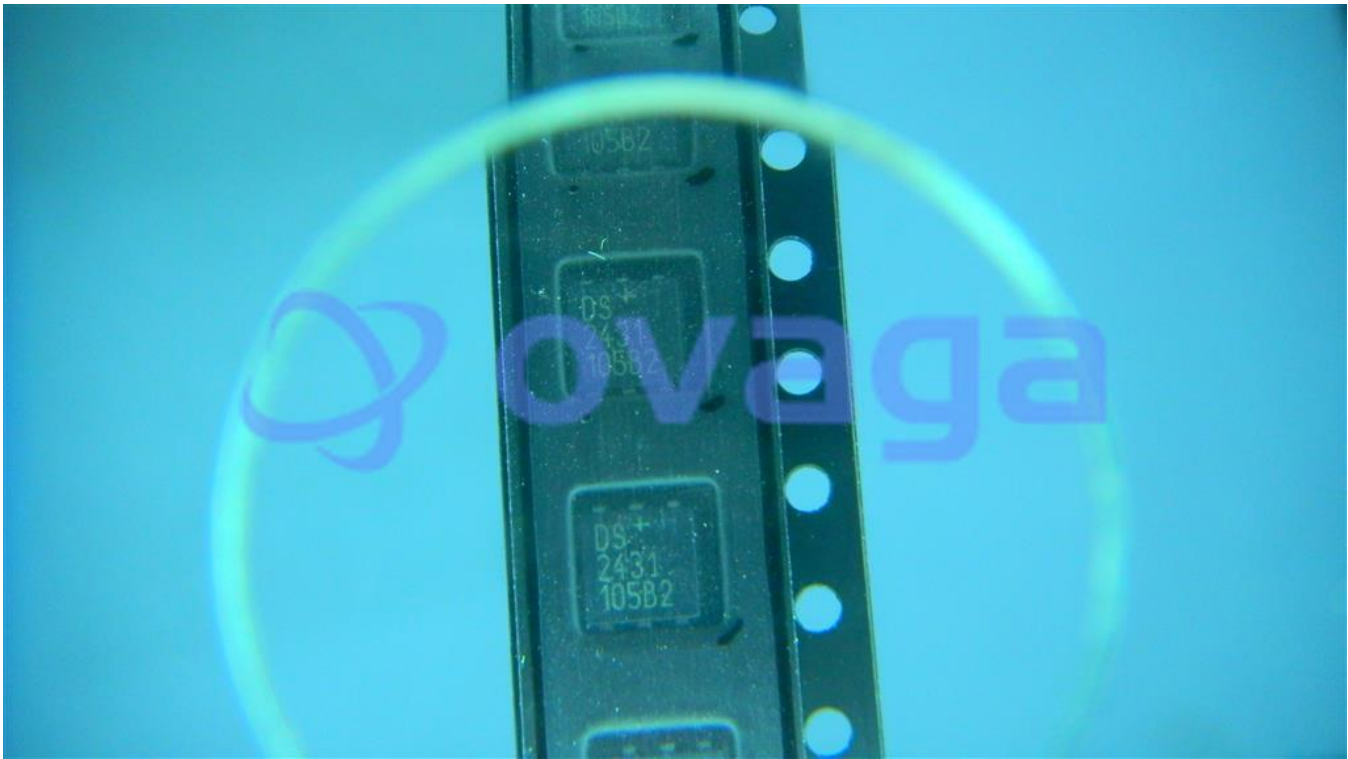
The DS2431P is a 1Kbit EEPROM (Electrically Erasable Programmable Read-Only Memory) memory chip that utilizes the 1-Wire communication protocol. It provides non-volatile storage of data and can be accessed using a single data line.

Features

- 1Kbit (128 bytes) EEPROM capacity
- Utilizes the 1-Wire communication protocol
- Single data line for communication and power
- Programmable read-only memory
- Unique 64-bit ROM ID for device identification
- Overdrive mode for faster data transfer
- Operating temperature range: -40°C to +85°C
- Available in a 6-pin TO-92 package

Application

- Data storage and logging
- Identification and authentication systems
- Inventory tracking
- Sensor calibration and configuration
- Embedded systems
- Battery-backed memory applications



Related Products



[DS9003A+](#)

Analog Devices, Inc
IBACC



[DS2432P+](#)

Analog Devices, Inc
SOJ-6



[DS3232SN](#)

Analog Devices, Inc
SOIC-20



[DS2432P](#)

Analog Devices, Inc
TSOC-6



[DS1990R-F5](#)

Analog Devices, Inc
BUTTON



[DS28E01P-100](#)

Analog Devices, Inc
SOC-6



[DS2431](#)

Analog Devices, Inc
TO-92



[DS2431P+T&R](#)

Analog Devices, Inc
TSOC-6