AT25DF081A-SH-B

Data Sheet

NOR Flash Serial (SPI, Dual SPI) 3.3V 8M-bit 1M x 8 8-Pin SOIC EIAJ Tube

Manufacturers	Renesas Technology Corp
Package/Case	SOIC-8
Product Type	Memory
RoHS	Rohs
Lifecycle	

Images are for reference only

Please submit RFQ for AT25DF081A-SH-B or Email to us: sales@ovaga.com We will contact you in 12 hours.

RFQ

General Description

The AT25DF081A-SH-B is likely a member of the Adesto AT25DFxx series Flash memory devices. These devices are non-volatile memory components that use the Serial Peripheral Interface (SPI) protocol for communication. They are designed to store data that needs to be retained even when power is removed.

Features

Storage Capacity: The AT25DFxx series devices typically offer different storage capacities, such as 8 megabits (Mb) or higher, for data storage.

SPI Interface: They support the SPI protocol, which allows for easy integration into various digital systems with SPI bus compatibility.

High-Speed Read and Write Operations: The devices offer fast access times for efficient data read and write operations.

Low Power Consumption: AT25DFxx series Flash memory devices are designed for low power consumption, making them suitable for battery-powered applications.

Sector-Based Architecture: They use a sector-based architecture, allowing for flexible erase and write operations at the sector level.

Multiple Erase Options: The devices support various erase options, such as sector erase, block erase, or full chip erase.

Extended Temperature Range: They can operate within an extended temperature range, making them suitable for use in harsh environments.

Reliable Data Retention: AT25DFxx series devices provide reliable data retention, ensuring stored information is preserved for long periods.

Application

Consumer Electronics: Used in devices such as smartphones, tablets, digital cameras, and portable media players for storing firmware, software, configuration data, and user data.

Industrial Automation: Utilized in industrial control systems, programmable logic controllers (PLCs), and data loggers for storing configuration parameters, logs, and program code.

Automotive Electronics: Found in automotive systems for storing firmware, configuration data, error codes, and user preferences.

Networking and Telecommunications: Used in networking equipment, routers, switches, and modems for storing firmware, configuration settings, and log files.

Medical Devices: Employed in medical equipment and devices for storing patient data, firmware, configuration settings, and calibration data.

Related Products

AT45DB641E-SHN2B-T

Renesas Technology Corp

SOIC-8

AT45DB021E-SHN-B

Renesas Technology Corp

SOIC-8

AT25DF321A-MH-T

Renesas Technology Corp

UDFN-8

AT45DB161E-SHD-B

Renesas Technology Corp

SOIC-8

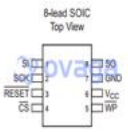
AT45DB081E-SSHN-B

Renesas Technology Corp

SOIC-8

AT45DB081E-SSHN2B-T

Renesas Technology Corp



[AT45DB081E-SHN-T]

Renesas Technology Corp

SOIC-8

[AT45DB041E-SHN-T]

Renesas Technology Corp

SOIC-8