

Serial real-time clock, Real Time Clock Serial 64 (8X8)

Manufacturers	STMicroelectronics, Inc
Package/Case	SOIC-8
Product Type	Clock & Timer ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for M41T00M6E or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

M41T00M6E is a real-time clock (RTC) integrated circuit (IC) manufactured by STMicroelectronics.

Features

It has a built-in 32.768 kHz quartz crystal resonator and supports clock/calendar functions.

It has a low power consumption, with a typical current of 450 nA.

It has a wide operating voltage range of 1.8V to 5.5V, making it suitable for use with a variety of microcontrollers and systems.

It has a serial interface that supports I2C bus protocol, allowing for easy communication with microcontrollers and other devices.

It has a programmable alarm and timer functions.

It has a watchdog function that can be used to monitor system status.

Application

M41T00M6E is commonly used in electronic devices where accurate timekeeping is required, such as medical devices, industrial automation, power metering, and automotive applications.

It can also be used in systems that require time-based scheduling, such as irrigation systems, lighting systems, and security systems.



Related Products



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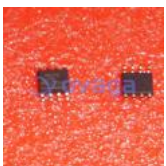
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