

Real Time Clock (RTC) IC Clock/Calendar IC, 2-Wire Serial 24-DIP (0.600", 15.24mm)

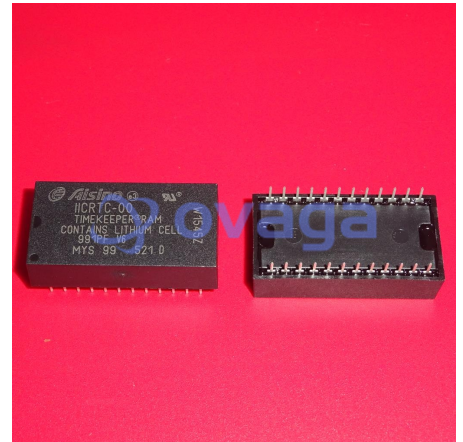
Manufacturers [STMicroelectronics, Inc](#)

Package/Case DIP-28

Product Type Clock & Timer ICs

RoHS

Lifecycle



Images are for reference only

Please submit RFQ for M41T00CAPPC1 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

M41T00CAPPC1 is a specific part number for a real-time clock (RTC) module, which is a type of integrated circuit (IC) used for timekeeping in electronic systems. Here is information about M41T00CAPPC1:

Features

Low-power RTC module with a built-in quartz crystal for accurate timekeeping.

Supports timekeeping in hours, minutes, seconds, days, months, and years with leap year compensation.

Has an alarm function with programmable interrupt.

Provides 32-bit counter for time measurement.

Operates over a wide voltage range, typically 2.0V to 5.5V.

Supports both 24-hour and 12-hour time formats.

Offers battery backup capability for timekeeping during power loss.

Includes a programmable square wave output with multiple frequency options.

Available in small surface-mount packages for easy integration into various electronic systems.

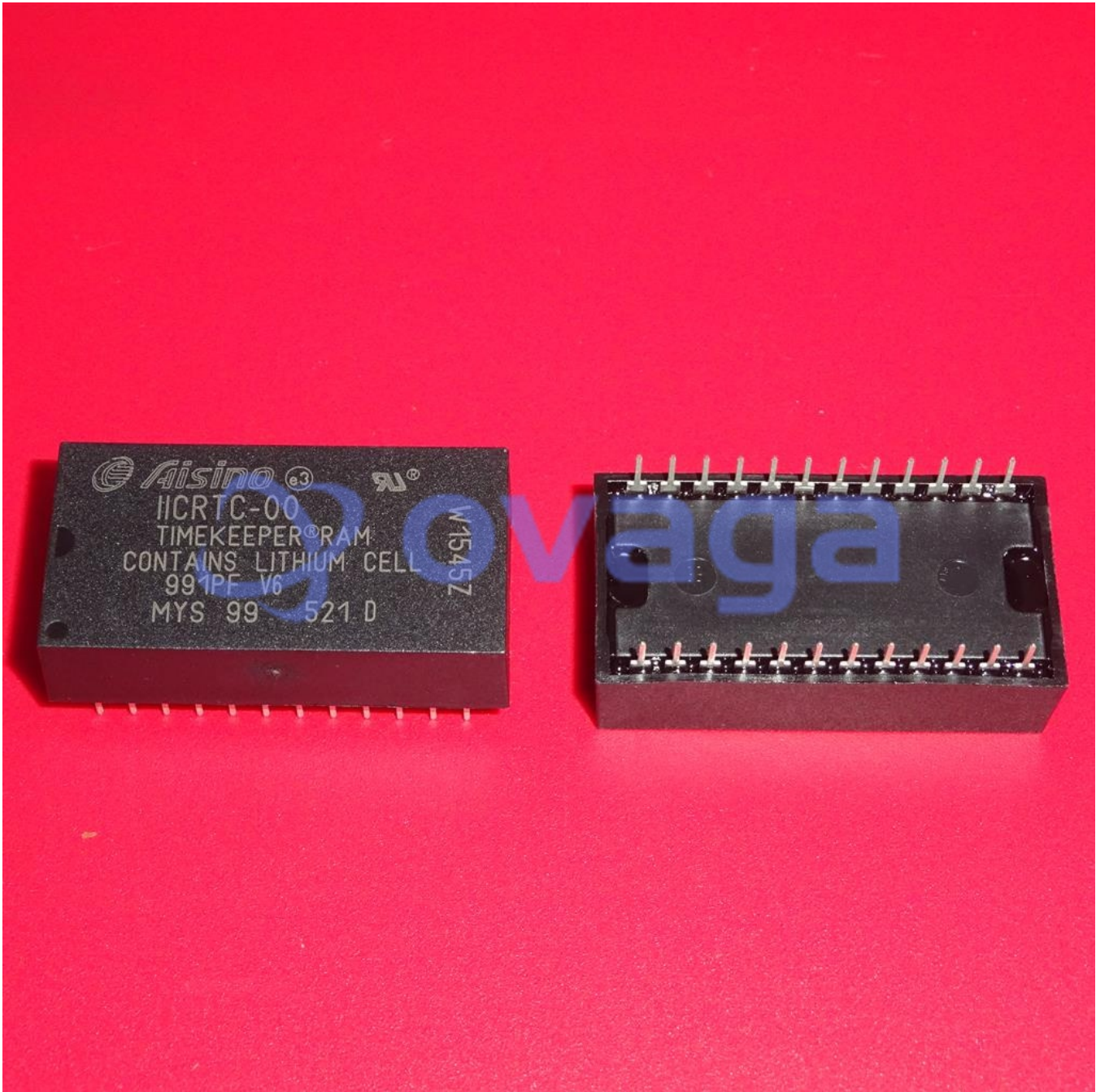
Application

Consumer electronics devices such as digital clocks, watches, and timers.

Embedded systems requiring accurate timekeeping, such as industrial automation, data loggers, and network equipment.

Automotive applications for time and date stamping, event logging, and scheduling.

Medical devices, security systems, and other time-sensitive applications.



Related Products



[M41T11MH6F](#)

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SO-28



[M48T59Y-70PC1](#)

STMicroelectronics, Inc
PDIP-28



[M41T56M6F](#)

STMicroelectronics, Inc
SOIC-8



[M41T00M6F](#)

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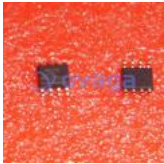
[M41T00M6E](#)

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[M48T86PC1](#)

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DIP-24



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