

**M41T256YMT7E Information**


For Reference Only

**Part Number** [M41T256YMT7E](#)  
**Manufacturer** STMicroelectronics  
**Category** Integrated Circuits (ICs)  
[Clock/Timing - Real Time Clocks](#)  
**Description** IC RTC CLK/CALENDAR I2C 44-SOP  
**Package** 44-BSOP (0.337", 8.56mm Width)  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)


[Request a Quote](#)
**Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.


**M41T256YMT7E Specifications**

Manufacturer Part Number	<a href="#">M41T256YMT7E</a>
Manufacturer	STMicroelectronics
Category	Integrated Circuits (ICs) <a href="#">Clock/Timing - Real Time Clocks</a>
Package	44-BSOP (0.337", 8.56mm Width)
Series	Timekeeper?
Type	Clock/Calendar
Features	Leap Year, NVSRAM
Memory Size	32KB
Time Format	HH:MM:SS:hh (24 hr)
Date Format	YY-MM-DD-dd
Interface	I2C, 2-Wire Serial
Voltage - Supply	4.5 V ~ 5.5 V
Voltage - Supply, Battery	2.5 V ~ 3.5 V
Current - Timekeeping (Max)	2.5mA @ 4.5V ~ 5.5V
Operating Temperature	-25°C ~ 70°C
Mounting Type	Surface Mount
Package / Case	44-BSOP (0.337", 8.56mm Width)
Supplier Device Package	44-SOH

[Report errors?](#)

## M41T256YMT7E Guarantees



### Quality Guarantees

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



### Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

## M41T256YMT7E Payment Methods



## M41T256YMT7E Shipping Methods



If you have any question about M41T256YMT7E, please do not hesitate to contact us!

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