

**M41T83SMY6E Information**


For Reference Only

**Part Number** [M41T83SMY6E](#)  
**Manufacturer** STMicroelectronics  
**Category** Integrated Circuits (ICs)  
[Clock/Timing - Real Time Clocks](#)  
**Description** IC RTC CLK/CALENDAR I2C 18-SOX  
**Package** 18-SOX, 18-SOIC with Crystal (7.5mm 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.


**M41T83SMY6E Specifications**

Manufacturer Part Number	<a href="#">M41T83SMY6E</a>
Manufacturer	STMicroelectronics
Category	Integrated Circuits (ICs) <a href="#">Clock/Timing - Real Time Clocks</a>
Package	18-SOX, 18-SOIC with Crystal (7.5mm Width)
Series	-
Type	Clock/Calendar
Features	Alarm, Leap Year, Square Wave Output, SRAM, Watchdog Timer
Memory Size	7B
Time Format	HH:MM:SS:hh (24 hr)
Date Format	YY-MM-DD-dd
Interface	I2C, 2-Wire Serial
Voltage - Supply	3 V ~ 5.5 V
Voltage - Supply, Battery	2 V ~ 5.5 V
Current - Timekeeping (Max)	10µA @ 5.5V
Operating Temperature	-40°C ~ 85°C
Mounting Type	Surface Mount
Package / Case	18-SOX, 18-SOIC with Crystal (7.5mm Width)
Supplier Device Package	18-SOX

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## M41T83SMY6E 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.

## M41T83SMY6E Payment Methods



## M41T83SMY6E Shipping Methods



If you have any question about M41T83SMY6E, please do not hesitate to contact us!

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