

**MCP7940NT-I/ST Information**


For Reference Only

**Part Number** [MCP7940NT-I/ST](#)  
**Manufacturer** Microchip Technology  
**Category** Integrated Circuits (ICs)  
[Clock/Timing - Real Time Clocks](#)  
**Description** IC RTC CLK/CALENDAR I2C 8-TSSOP  
**Package** 8-TSSOP (0.173", 4.40mm 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.


**MCP7940NT-I/ST Specifications**

|                             |  |
|-----------------------------|--|
| Manufacturer Part Number    | <a href="#">MCP7940NT-I/ST</a>   |
| Manufacturer                | Microchip Technology   |
| Category                    | Integrated Circuits (ICs)<br><a href="#">Clock/Timing - Real Time Clocks</a> |
| Package                     | 8-TSSOP (0.173", 4.40mm Width)   |
| Series                      | -  |
| Type                        | Clock/Calendar   |
| Features                    | Alarm, Leap Year, Square Wave Output, SRAM                                   |
| Memory Size                 | 64B  |
| Time Format                 | HH:MM:SS (12/24 hr)  |
| Date Format                 | YY-MM-DD-dd  |
| Interface                   | I2C, 2-Wire Serial   |
| Voltage - Supply            | 1.8 V ~ 5.5 V  |
| Voltage - Supply, Battery   | 1.3 V ~ 5.5 V  |
| Current - Timekeeping (Max) | 1.2µA @ 3.3V   |
| Operating Temperature       | -40°C ~ 85°C   |
| Mounting Type               | Surface Mount  |
| Package / Case              | 8-TSSOP (0.173", 4.40mm Width)   |
| Supplier Device Package     | 8-TSSOP  |

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## MCP7940NT-I/ST 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.

## MCP7940NT-I/ST Payment Methods



## MCP7940NT-I/ST Shipping Methods



If you have any question about MCP7940NT-I/ST, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)