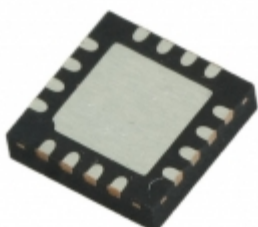


M41T83ZQA6F





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Part Number: [M41T83ZQA6F](#)

Manufacturer: [STMicroelectronics](#)

Description: IC RTC CLK/CALENDAR I2C 16-QFN

Data sheet:  [M41T82/83](#)

RoHs Status: Lead free / RoHS Compliant

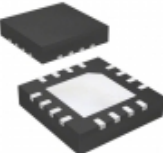
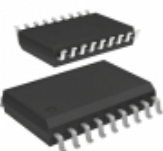
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
Buy M41T83ZQA6F with confidence from Component-World.HK, 1 Year Warranty

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                |                                |                                                            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|--------------------------------|------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                   | M41T83ZQA6F                                                                                    | Manufacturer                   | <a href="#">STMicroelectronics</a>                         |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                   | IC RTC CLK/CALENDAR I2C 16-QFN                                                                 | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                 |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                            | 52716 pcs                                                                                      | Data sheet                     | <a href="#">M41T82/83</a>                                  |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <a href="#">Integrated Circuits (ICs)</a>                                                      | Voltage - Supply, Battery      | 2 V ~ 5.5 V                                                |
| Voltage - Supply                                                                                                                                                                                                                                                                                                                                                                                                                                              | 2.38 V ~ 5.5 V                                                                                 | Type                           | Clock/Calendar                                             |
| Time Format                                                                                                                                                                                                                                                                                                                                                                                                                                                   | HH:MM:SS:hh (24 hr)                                                                            | Supplier Device Package        | 16-QFN (4x4)                                               |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                        | -                                                                                              | Packaging                      | Cut Tape (CT)                                              |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                | 16-VQFN Exposed Pad                                                                            | Other Names                    | 497-6889-1                                                 |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                         | -40°C ~ 85°C                                                                                   | Mounting Type                  | Surface Mount                                              |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                              | 1 (Unlimited)                                                                                  | Memory Size                    | 7B                                                         |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                               | 20 Weeks                                                                                       | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                 |
| Interface                                                                                                                                                                                                                                                                                                                                                                                                                                                     | I <sup>2</sup> C, 2-Wire Serial                                                                | Features                       | Alarm, Leap Year, Square Wave Output, SRAM, Watchdog Timer |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                          | Real Time Clock (RTC) IC Clock/Calendar 7B I <sup>2</sup> C, 2-Wire Serial 16-VQFN Exposed Pad | Date Format                    | YY-MM-DD-dd                                                |
| Current - Timekeeping (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                   | 10µA @ 5.5V                                                                                    | Base Part Number               | M41T                                                       |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all STMicroelectronics series electronic components. We have 52716 pieces of STMicroelectronics M41T83ZQA6F in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                                                                                |                                |                                                            |

| RELATED PRODUCTS                                                                   |                                                                                   |                                                   |                |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|---------------------------------------------------|----------------|
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|  | Part#: <a href="#">M41T83RQA6F</a><br>Description: IC RTC CLK/CAL I2C 16-VFQFPN   | Manufacturers: <a href="#">STMicroelectronics</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M41T93ZMY6E</a><br>Description: IC RTC CLK/CALENDAR SPI 18-SOX | Manufacturers: <a href="#">STMicroelectronics</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M41T93RMY6E</a><br>Description: IC RTC CLK/CALENDAR SPI 18-SOX | Manufacturers: <a href="#">STMicroelectronics</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M41T93RMY6F</a><br>Description: IC RTC CLK/CALENDAR SPI 18-SOX | Manufacturers: <a href="#">STMicroelectronics</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M41T93ZMY6F</a><br>Description: IC RTC CLK/CALENDAR SPI 18-SOX | Manufacturers: <a href="#">STMicroelectronics</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M41T83RMY6E</a><br>Description: IC RTC CLK/CALENDAR I2C 18-SOX | Manufacturers: <a href="#">STMicroelectronics</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M41T83SMY6E</a><br>Description: IC RTC CLK/CALENDAR I2C 18-SOX | Manufacturers: <a href="#">STMicroelectronics</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M41T82ZM6E</a><br>Description: IC RTC CLK/CALENDAR I2C 8-SOIC  | Manufacturers: <a href="#">STMicroelectronics</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M41T83RMY6F</a><br>Description: IC RTC CLK/CALENDAR I2C 18-SOX | Manufacturers: <a href="#">STMicroelectronics</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">M41T93SQA6F</a><br>Description: IC RTC CLK/CALENDAR SPI 16-QFN | Manufacturers: <a href="#">STMicroelectronics</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M41T93SMY6E</a><br>Description: IC RTC CLK/CALENDAR SPI 18-SOX | Manufacturers: <a href="#">STMicroelectronics</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M41T83ZMY6E</a><br>Description: IC RTC CLK/CALENDAR I2C 18-SOX | Manufacturers: <a href="#">STMicroelectronics</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M41T93SMY6F</a><br>Description: IC RTC CLK/CALENDAR SPI 18-SOX | Manufacturers: <a href="#">STMicroelectronics</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M41T93ZQA6F</a><br>Description: IC RTC CLK/CALENDAR SPI 16-QFN | Manufacturers: <a href="#">STMicroelectronics</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M41T83SMY6F</a><br>Description: IC RTC CLK/CALENDAR I2C 18-SOX | Manufacturers: <a href="#">STMicroelectronics</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M41T94MH6E</a><br>Description: IC RTC CLK/CALENDAR SPI 28-SOIC | Manufacturers: <a href="#">STMicroelectronics</a> | <div>RFQ</div> |
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