






M41T82RM6F

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|---------------------|--|
| Part Number:        | M41T82RM6F   |
| Manufacturer/Brand: | STMicroelectronics   |
| Product description | IC RTC CLK/CALENDAR I2C 8-SOIC   |
| Datasheets:         |  M41T82RM6F.pdf             |
| RoHS Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong  |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS  |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of M41T82RM6F

|                                  |  |
|----------------------------------|--|
| PART NUMBER                      | M41T82RM6F   |
| MANUFACTURER                     | STMicroelectronics   |
| DESCRIPTION                      | IC RTC CLK/CALENDAR I2C 8-SOIC   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant   |
| DATA SHEET                       |  M41T82RM6F.pdf |
| VOLTAGE - SUPPLY, BATTERY        | 2 V ~ 5.5 V  |
| VOLTAGE - SUPPLY                 | 2.7 V ~ 5.5 V  |
| TYPE                             | Clock/Calendar   |
| TIME FORMAT                      | HH:MM:SS:hh (24 hr)  |
| SUPPLIER DEVICE PACKAGE          | 8-SO   |
| SERIES                           | -  |
| PACKAGING                        | Original-Reel®   |
| PACKAGE / CASE                   | 8-SOIC (0.154", 3.90mm Width)  |
| OTHER NAMES                      | 497-8279-6   |
| OPERATING TEMPERATURE            | -40°C ~ 85°C   |
| MOUNTING TYPE                    | Surface Mount  |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)  |
| MEMORY SIZE                      | 7B   |
| MANUFACTURER STANDARD LEAD TIME  | 38 Weeks   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant   |
| INTERFACE                        | I²C, 2-Wire Serial   |
| FEATURES                         | Alarm, Leap Year, SRAM, Watchdog Timer   |
| DETAILED DESCRIPTION             | Real Time Clock (RTC) IC Clock/Calendar 7B I²C, 2-Wire Serial 8-SOIC (0.154", 3.90mm Width)        |
| DATE FORMAT                      | YY-MM-DD-dd  |
| CURRENT - TIMEKEEPING (MAX)      | 10µA @ 5.5V  |
| BASE PART NUMBER                 | M41T   |

Related Tags

|                               |                               |                                   |
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Related Products

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|---|--|
|  <div><b>M41T82SM6E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC RTC CLK/CALENDAR I2C 8-SOIC<br/>In stock: Out stock<br/>RFQ</div>   |  <div><b>M41T82ZM6F</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC RTC CLK/CALENDAR I2C 8-SOIC<br/>In stock: Out stock<br/>RFQ</div>   |
|  <div><b>M41T81SM6F</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC RTC CLK/CALENDAR I2C 8-SOIC<br/>In stock: 10 pcs<br/>RFQ</div>      |  <div><b>M41T82ZM6E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC RTC CLK/CALENDAR I2C 8-SOIC<br/>In stock: Out stock<br/>RFQ</div>   |
|  <div><b>M41T82RM6E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC RTC CLK/CALENDAR I2C 8-SOIC<br/>In stock: Out stock<br/>RFQ</div>   |  <div><b>M41T81SM6E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC RTC CLK/CALENDAR I2C 8-SOIC<br/>In stock: Out stock<br/>RFQ</div>   |
|  <div><b>M41T81MX6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC RTC CLK/CALENDAR I2C 28-SOIC<br/>In stock: Out stock<br/>RFQ</div>   |  <div><b>M41T83RMY6E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC RTC CLK/CALENDAR I2C 18-SOX<br/>In stock: Out stock<br/>RFQ</div>  |
|  <div><b>M41T82SM6F</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC RTC CLK/CALENDAR I2C 8-SOIC<br/>In stock: Out stock<br/>RFQ</div>   |  <div><b>M41T81SMY6F</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC RTC CLK/CALENDAR I2C 18-SOIC<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>M41T81SMY6E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC RTC CLK/CALENDAR I2C 18-SOIC<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>M41T83RMY6F</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC RTC CLK/CALENDAR I2C 18-SOX<br/>In stock: Out stock<br/>RFQ</div>  |