



M41T00SM6F

|                     |                                                                                                                  |
|---------------------|------------------------------------------------------------------------------------------------------------------|
| Part Number:        | M41T00SM6F                                                                                                       |
| Manufacturer/Brand: | STMicroelectronics                                                                                               |
| Product description | IC RTC CLK/CALENDAR I2C 8-SOIC                                                                                   |
| Datasheets:         |  <a href="#">M41T00SM6F.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant     |
| Stock Condition     | 71844 pcs stock                                                                                                  |
| Ship From           | Hong Kong                                                                                                        |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                            |

REQUEST FOR QUOTATION

Specifications of M41T00SM6F

|                                  |                                                                                                                    |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | M41T00SM6F                                                                                                         |
| MANUFACTURER                     | STMicroelectronics                                                                                                 |
| DESCRIPTION                      | IC RTC CLK/CALENDAR I2C 8-SOIC                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                         |
| QUANTITY AVAILABLE               | 71844 pcs                                                                                                          |
| DATA SHEET                       |  <a href="#">M41T00SM6F.pdf</a> |
| VOLTAGE - SUPPLY, BATTERY        | 2 V ~ 3.5 V                                                                                                        |
| VOLTAGE - SUPPLY                 | 2.7 V ~ 5.5 V                                                                                                      |
| TYPE                             | Clock/Calendar                                                                                                     |
| TIME FORMAT                      | HH:MM:SS (24 hr)                                                                                                   |
| SUPPLIER DEVICE PACKAGE          | 8-SO                                                                                                               |
| SERIES                           | -                                                                                                                  |
| PACKAGING                        | Tape & Reel (TR)                                                                                                   |
| PACKAGE / CASE                   | 8-SOIC (0.154", 3.90mm Width)                                                                                      |
| OTHER NAMES                      | 497-6458-2<br>M41T00SM6F-ND                                                                                        |
| OPERATING TEMPERATURE            | -40°C ~ 85°C                                                                                                       |
| MOUNTING TYPE                    | Surface Mount                                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                      |
| MEMORY SIZE                      | -                                                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                         |
| INTERFACE                        | I²C, 2-Wire Serial                                                                                                 |
| FEATURES                         | Leap Year                                                                                                          |
| DETAILED DESCRIPTION             | Real Time Clock (RTC) IC Clock/Calendar I²C, 2-Wire Serial 8-SOIC (0.154", 3.90mm Width)                           |
| DATE FORMAT                      | YY-MM-DD-dd                                                                                                        |
| CURRENT - TIMEKEEPING (MAX)      | 70µA @ 2.7V ~ 5.5V                                                                                                 |
| BASE PART NUMBER                 | M41T                                                                                                               |

Related Tags

|                               |                               |                                   |
|-------------------------------|-------------------------------|-----------------------------------|
| STMicroelectronics M41T00SM6F | M41T00SM6F Distributor        | M41T00SM6F Supplier               |
| M41T00SM6F Price              | M41T00SM6F Pictures           | M41T00SM6F Image                  |
| M41T00SM6F PDF Datasheet      | M41T00SM6F Download Datasheet | M41T00SM6F Datasheet              |
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| STMicroelectronics M41T00SM6F | STMicroelectronics Supplier   | STMicroelectronics Distributor    |
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Related Products

|                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p><b>M41T0M6F</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC RTC CLK/CALENDAR I2C 8-SOIC<br/>In stock: 105138 pcs</p> <p>RFQ</p>       |  <p><b>M41T00SC64MY6E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC RTC CLK/CALENDAR I2C 18-SOX<br/>In stock: 33628 pcs</p> <p>RFQ</p> |
|  <p><b>M41T00M6E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC RTC CLK/CALENDAR I2C 8-SOIC<br/>In stock: 60656 pcs</p> <p>RFQ</p>       |  <p><b>M41T0M6E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC RTC CLK/CALENDAR I2C 8-SOIC<br/>In stock: 85122 pcs</p> <p>RFQ</p>       |
|  <p><b>M41T00M6F</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC RTC CLK/CALENDAR I2C 8-SOIC<br/>In stock: 78891 pcs</p> <p>RFQ</p>       |  <p><b>M41T11M6E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC RTC CLK/CALENDAR I2C 8-SOIC<br/>In stock: 55931 pcs</p> <p>RFQ</p>      |
|  <p><b>M41T00SM6E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC RTC CLK/CALENDAR I2C 8-SOIC<br/>In stock: 69627 pcs</p> <p>RFQ</p>      |  <p><b>M41T0DS6E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC RTC CLK/CALENDAR I2C 8-TSSOP<br/>In stock: 67523 pcs</p> <p>RFQ</p>     |
|  <p><b>M41T00SC64MY6F</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC RTC CLK/CALENDAR I2C 18-SOIC<br/>In stock: 33324 pcs</p> <p>RFQ</p> |  <p><b>M41T01M6F</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC RTC CLK/CALENDAR I2C 8-SOIC<br/>In stock: 90710 pcs</p> <p>RFQ</p>      |
|  <p><b>M41T0DS6F</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC RTC CLK/CALENDAR I2C 8-TSSOP<br/>In stock: 75062 pcs</p> <p>RFQ</p>      |  <p><b>M41T00CAPPC1</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC RTC CLK/CALENDAR I2C 24-DIP<br/>In stock: 9431 pcs</p> <p>RFQ</p>    |