

M41T80M6E



  
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Part Number: [M41T80M6E](#)

Manufacturer: [STMicroelectronics](#)

Description: IC RTC CLK/CALENDAR I2C 8-SOIC

Data sheet:  [M41T80](#)

RoHs Status: Lead free / RoHS Compliant

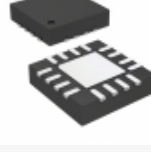
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                           |                                |                                                                                          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                 | M41T80M6E                                 | Manufacturer                   | <a href="#">STMicroelectronics</a>                                                       |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                 | IC RTC CLK/CALENDAR I2C 8-SOIC            | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                               |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                          | 95746 pcs                                 | Data sheet                     | <a href="#">M41T80</a>                                                                   |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Battery      | -                                                                                        |
| Voltage - Supply                                                                                                                                                                                                                                                                                                                                                                                                                                            | 2 V ~ 5.5 V                               | Type                           | Clock/Calendar                                                                           |
| Time Format                                                                                                                                                                                                                                                                                                                                                                                                                                                 | HH:MM:SS:hh (24 hr)                       | Supplier Device Package        | 8-SO                                                                                     |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                      | -                                         | Packaging                      | Tube                                                                                     |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                              | 8-SOIC (0.154", 3.90mm Width)             | Other Names                    | 497-2820-5<br>M41T80M6                                                                   |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Alarm, Leap Year, Square Wave Output      | 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)    | 2.4µA ~ 31µA @ 2V ~ 5.5V                                                                 |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                            | M41T                                      |                                |                                                                                          |
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|  | Part#: <a href="#">M41T81SMY6E</a><br>Description: IC RTC CLK/CALENDAR I2C 18-SOIC | Manufacturers: <a href="#">STMicroelectronics</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">M41T81MX6</a><br>Description: IC RTC CLK/CALENDAR I2C 28-SOIC   | Manufacturers: <a href="#">STMicroelectronics</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">M41T62LC6F</a><br>Description: IC RTC CLK/CALENDAR I2C 8LCC     | Manufacturers: <a href="#">STMicroelectronics</a> | <div>RFQ</div> |

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