



Image may be representation. See specifications for product details.

M41T83SMY6E

|                     |                                                                                                                   |
|---------------------|-------------------------------------------------------------------------------------------------------------------|
| Part Number:        | M41T83SMY6E                                                                                                       |
| Manufacturer/Brand: | STMicroelectronics                                                                                                |
| Product description | IC RTC CLK/CALENDAR I2C 18-SOX                                                                                    |
| Datasheets:         |  <a href="#">M41T83SMY6E.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant      |
| Stock Condition     | 37335 pcs stock                                                                                                   |
| Ship From           | Hong Kong                                                                                                         |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                             |

REQUEST FOR QUOTATION

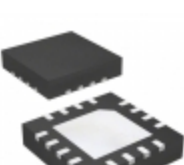
Specifications of M41T83SMY6E

|                                  |                                                                                                                     |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | M41T83SMY6E                                                                                                         |
| MANUFACTURER                     | STMicroelectronics                                                                                                  |
| DESCRIPTION                      | IC RTC CLK/CALENDAR I2C 18-SOX                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                          |
| QUANTITY AVAILABLE               | 37335 pcs                                                                                                           |
| DATA SHEET                       |  <a href="#">M41T83SMY6E.pdf</a> |
| VOLTAGE - SUPPLY, BATTERY        | 2 V ~ 5.5 V                                                                                                         |
| VOLTAGE - SUPPLY                 | 3 V ~ 5.5 V                                                                                                         |
| TYPE                             | Clock/Calendar                                                                                                      |
| TIME FORMAT                      | HH:MM:SS:hh (24 hr)                                                                                                 |
| SUPPLIER DEVICE PACKAGE          | 18-SOX                                                                                                              |
| SERIES                           | -                                                                                                                   |
| PACKAGING                        | Tube                                                                                                                |
| PACKAGE / CASE                   | 18-SOX, 18-SOIC with Crystal (7.5mm Width)                                                                          |
| OPERATING TEMPERATURE            | -40°C ~ 85°C                                                                                                        |
| MOUNTING TYPE                    | Surface Mount                                                                                                       |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                       |
| MEMORY SIZE                      | 7B                                                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                          |
| INTERFACE                        | I²C, 2-Wire Serial                                                                                                  |
| FEATURES                         | Alarm, Leap Year, Square Wave Output, SRAM, Watchdog Timer                                                          |
| DETAILED DESCRIPTION             | Real Time Clock (RTC) IC Clock/Calendar 7B I²C, 2-Wire Serial 18-SOX, 18-SOIC with Crystal (7.5mm Width)            |
| DATE FORMAT                      | YY-MM-DD-dd                                                                                                         |
| CURRENT - TIMEKEEPING (MAX)      | 10µA @ 5.5V                                                                                                         |
| BASE PART NUMBER                 | M41T                                                                                                                |

Related Tags

|                                |                                |                                    |
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| STMicroelectronics M41T83SMY6E | M41T83SMY6E Distributor        | M41T83SMY6E Supplier               |
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Related Products

|                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                    |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>M41T83ZMY6F</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC RTC CLK/CALENDAR I2C 18-SOX<br/>In stock: 42601 pcs<br/><div>RFQ</div></div> |  <div><b>M41T83ZQA6F</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC RTC CLK/CALENDAR I2C 16-QFN<br/>In stock: 37424 pcs<br/><div>RFQ</div></div> |
|  <div><b>M41T93RMY6E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC RTC CLK/CALENDAR SPI 18-SOX<br/>In stock: 33029 pcs<br/><div>RFQ</div></div> |  <div><b>M41T82ZM6E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC RTC CLK/CALENDAR I2C 8-SOIC<br/>In stock: 73640 pcs<br/><div>RFQ</div></div>  |
|  <div><b>M41T83SMY6F</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC RTC CLK/CALENDAR I2C 18-SOX<br/>In stock: 41923 pcs<br/><div>RFQ</div></div> |  <div><b>M41T83SQA6F</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC RTC CLK/CALENDAR I2C 16-QFN<br/>In stock: 25533 pcs<br/><div>RFQ</div></div> |
|  <div><b>M41T83RMY6F</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC RTC CLK/CALENDAR I2C 18-SOX<br/>In stock: 45689 pcs<br/><div>RFQ</div></div> |  <div><b>M41T82ZM6F</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC RTC CLK/CALENDAR I2C 8-SOIC<br/>In stock: 76655 pcs<br/><div>RFQ</div></div>  |
|  <div><b>M41T83RMY6E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC RTC CLK/CALENDAR I2C 18-SOX<br/>In stock: 38652 pcs<br/><div>RFQ</div></div> |  <div><b>M41T83ZMY6E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC RTC CLK/CALENDAR I2C 18-SOX<br/>In stock: 38470 pcs<br/><div>RFQ</div></div> |
|  <div><b>M41T83RQA6F</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC RTC CLK/CAL I2C 16-VFQFPN<br/>In stock: 67901 pcs<br/><div>RFQ</div></div>   |  <div><b>M41T82SM6F</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC RTC CLK/CALENDAR I2C 8-SOIC<br/>In stock: 33289 pcs<br/><div>RFQ</div></div>  |