



M41T93SMY6F

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | M41T93SMY6F                                                                                                  |
| Manufacturer/Brand: | STMicroelectronics                                                                                           |
| Product description | IC RTC CLK/CALENDAR SPI 18-SOX                                                                               |
| Datasheets:         |  M41T93SMY6F.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 M41T93SMY6F

|                                  |                                                                                                     |
|----------------------------------|-----------------------------------------------------------------------------------------------------|
| PART NUMBER                      | M41T93SMY6F                                                                                         |
| MANUFACTURER                     | STMicroelectronics                                                                                  |
| DESCRIPTION                      | IC RTC CLK/CALENDAR SPI 18-SOX                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                          |
| DATA SHEET                       |  M41T93SMY6F.pdf |
| VOLTAGE - SUPPLY, BATTERY        | 1.8 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                        | Tape & Reel (TR)                                                                                    |
| PACKAGE / CASE                   | 18-SOX, 18-SOIC with Crystal (7.5mm Width)                                                          |
| OTHER NAMES                      | 497-6890-2<br>M41T93SMY6F-ND                                                                        |
| 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                        | SPI                                                                                                 |
| FEATURES                         | Alarm, Leap Year, Square Wave Output, SRAM, Watchdog Timer                                          |
| DETAILED DESCRIPTION             | Real Time Clock (RTC) IC Clock/Calendar 7B SPI 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 M41T93SMY6F | M41T93SMY6F Distributor        | M41T93SMY6F Supplier               |
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Related Products

|                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                    |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>M41T93ZQA6F</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC RTC CLK/CALENDAR SPI 16-QFN<br/>In stock: 161 pcs<br/><div>RFQ</div></div>   |  <div><b>M41T93RQA6F</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC RTC CLK/CALENDAR SPI 16-QFN<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>M41T93RMY6E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC RTC CLK/CALENDAR SPI 18-SOX<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>M41T93RMY6F</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC RTC CLK/CALENDAR SPI 18-SOX<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>M41T83ZQA6F</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC RTC CLK/CALENDAR I2C 16-QFN<br/>In stock: 309 pcs<br/><div>RFQ</div></div>   |  <div><b>M41T94MH6E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC RTC CLK/CALENDAR SPI 28-SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>M41T83ZMY6F</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC RTC CLK/CALENDAR I2C 18-SOX<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>M41T93ZMY6E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC RTC CLK/CALENDAR SPI 18-SOX<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>M41T93ZMY6F</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC RTC CLK/CALENDAR SPI 18-SOX<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>M41T93SQA6F</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC RTC CLK/CALENDAR SPI 16-QFN<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>M41T93SMY6E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC RTC CLK/CALENDAR SPI 18-SOX<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>M41T94MH6F</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC RTC CLK/CALENDAR SPI 28-SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div> |