



M41T81MX6






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Part Number: [M41T81MX6](#)

Manufacturer: [STMicroelectronics](#)

Description: IC RTC CLK/CALENDAR I2C 28-SOIC

Data sheet:  [M41T81](#)

RoHs Status: Contains lead / RoHS non-compliant





















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| PRODUCT PARAMETER | | | |
|---|--|--------------------------------|--|
| Part Number | M41T81MX6 | Manufacturer | STMicroelectronics |
| Description | IC RTC CLK/CALENDAR I2C 28-SOIC | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant |
| Quantity Available | 35792 pcs | Data sheet | M41T81 |
| Category | Integrated Circuits (ICs) | Voltage - Supply, Battery | 2.5 V ~ 3.5 V |
| 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 | 497-2822-5 |
| Operating Temperature | -40°C ~ 85°C | Mounting Type | Surface Mount |
| Moisture Sensitivity Level (MSL) | 3 (168 Hours) | Memory Size | - |
| Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant | Interface | I²C, 2-Wire Serial |
| Features | Alarm, Leap Year, Square Wave Output, Watchdog Timer | 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) | 100µA @ 2V ~ 5.5V |
| Base Part Number | M41T | | |
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