



Image may be representation.  
See specifications for product details.

### M41T0M6E

Part Number: **M41T0M6E**  
 Product Description: IC RTC CLK/CALENDAR I2C 8-SOIC  
 RoHs Status: Lead free / RoHS Compliant  
 Datasheets: [M41T0M6E.pdf](#)

Manufacturer/Brand: STMicroelectronics  
 Ship From: Hong Kong  
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

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#### Product details

<b>Part Number</b>	M41T0M6E	<b>Manufacturer</b>	STMicroelectronics
<b>Description</b>	IC RTC CLK/CALENDAR I2C 8-SOIC	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Data sheet</b>	M41T0M6E.pdf		
<b>Voltage - Supply, Battery</b>	-	<b>Voltage - Supply</b>	2 V ~ 5.5 V
<b>Type</b>	Clock/Calendar	<b>Time Format</b>	HH:MM:SS
<b>Supplier Device Package</b>	8-SO	<b>Series</b>	-
<b>Packaging</b>	Tube	<b>Package / Case</b>	8-SOIC (0.154", 3.90mm Width)
<b>Other Names</b>	497-2812-5 M41T0M6	<b>Operating Temperature</b>	-40°C ~ 85°C
<b>Mounting Type</b>	Surface Mount	<b>Moisture Sensitivity Level (MSL)</b>	1 (Unlimited)
<b>Memory Size</b>	-	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Interface</b>	I <sup>2</sup> C, 2-Wire Serial	<b>Features</b>	-
<b>Detailed Description</b>	Real Time Clock (RTC) IC Clock/Calendar I <sup>2</sup> C, 2-Wire Serial 8-SOIC (0.154", 3.90mm Width)	<b>Date Format</b>	YY-MM-DD-dd
<b>Current - Timekeeping (Max)</b>	1.2µA ~ 31µA @ 3V ~ 5.5V	<b>Base Part Number</b>	M41T

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