



Image may be representation.
See specifications for product details.



M41T80M6F

Manufacturer Part Number	M41T80M6F
Manufacturer	STMicroelectronics
Allelco Part Number	32D-M41T80M6F
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC RTC CLK/CALENDAR I2C 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	M41T80M6F.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

M41T80M6F - STMicroelectronics.New Original in Stock. Download Linear Technology M41T80M6F datasheet/specifications on AllelcoElec.com.
Request a quote for M41T80M6F, please send us email: info@allelco.com

Specifications

M41T80M6F Tech Specifications

M41T80M6F - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Operating Temperature	-40°C ~ 85°C
Voltage - Supply, Battery	-	Mounting Type	Surface Mount
Voltage - Supply	2V ~ 5.5V	Memory Size	-
Type	Clock/Calendar	Interface	I ² C, 2-Wire Serial
Time Format	HH:MM:SS:hh (24 hr)	Features	Alarm, Leap Year, Square Wave Output
Supplier Device Package	8-SOIC	Date Format	YY-MM-DD-dd
Series	-	Current - Timekeeping (Max)	2.4µA ~ 31µA @ 2V ~ 5.5V
Package / Case	8-SOIC (0.154", 3.90mm Width)	Base Product Number	M41T80
Package	Tape & Reel (TR)		

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics M41T80M6F

Product Attribute				
Part Number	M41T80M6F	M41T80M6E	M41T64Q6F	M41T62LC6F
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Interface	I ² C, 2-Wire Serial	I ² C, 2-Wire Serial	I ² C, 2-Wire Serial	I ² C, 2-Wire Serial
Series	-	-	Timekeeper®	Timekeeper®
Features	Alarm, Leap Year, Square Wave Output	Alarm, Leap Year, Square Wave Output	Alarm, Leap Year, Square Wave Output, Watchdog Timer	Alarm, Leap Year, Square Wave Output, Watchdog Timer
Voltage - Supply	2V ~ 5.5V	2V ~ 5.5V	1.3V ~ 4.4V	1.3V ~ 4.4V
Type	Clock/Calendar	Clock/Calendar	Clock/Calendar	Clock/Calendar
Memory Size	-	-	-	-
Date Format	YY-MM-DD-dd	YY-MM-DD-dd	YY-MM-DD-dd	YY-MM-DD-dd
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Supplier Device Package	8-SOIC	8-SOIC	16-QFN (3x3)	8-LCC (1.5x3.2)
Package	Tape & Reel (TR)	Tube	Tape & Reel (TR)	Tape & Reel (TR)
Current - Timekeeping (Max)	2.4µA ~ 31µA @ 2V ~ 5.5V	2.4µA ~ 31µA @ 2V ~ 5.5V	0.7µA ~ 0.95µA @ 1.3V ~ 4.4V	0.7µA ~ 0.95µA @ 1.3V ~ 4.4V
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	16-VFQFN Exposed Pad	8-LCC
Voltage - Supply, Battery	-	-	-	-
Time Format	HH:MM:SS:hh (24 hr)	HH:MM:SS:hh (24 hr)	HH:MM:SS:hh (24 hr)	HH:MM:SS:hh (24 hr)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Base Product Number	M41T80	M41T80	M41T64	M41T62

Customers Also Interested in

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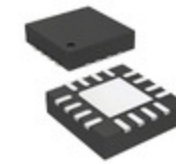
M41T80M6E
STMicroelectronics
IC RTC CLK/CALENDAR I2C 8SOIC



M41T81SM6
STMicroelectronics



M41T81M6F.
STMicroelectronics



M41T81M6
STMicroelectronics

M41T64Q6F
STMicroelectronics
IC RTC CLK/CALENDAR I2C 16QFN



M41T62LC6F
STMicroelectronics
IC RTC CLK/CALENDAR I2C 8LCC



M41T62Q6F1
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M41T80M6
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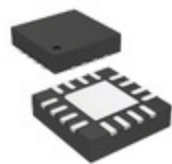
M41T81
STMicroelectronics

M41T81M6F
STMicroelectronics
IC RTC CLK/CALENDAR I2C 8SOIC

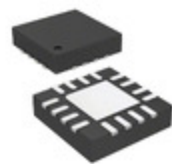
M41T81MX6
STMicroelectronics
IC RTC CLK/CALENDAR I2C 8SOIC



M41T80M6TR
STMicroelectronics



M41T65Q6F
STMicroelectronics
IC RTC CLK/CALENDAR I2C 16QFN



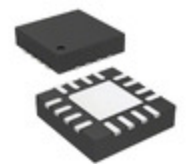
M41T62Q6F
STMicroelectronics
IC RTC CLK/CALENDAR I2C 16QFN



M41T62Q6
STMicroelectronics



M41T81M6E
STMicroelectronics
IC RTC CLK/CALENDAR I2C 8SOIC



M41T66Q6F
STMicroelectronics
IC RTC CLK/CALENDAR I2C 16QFN

Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

> Use your express account for shipment if you have one.

> Use our account for the shipment. Refer to the table below for the approximate charges.

(Different time frame / countries / package size has different price.)

Delivery Method

> Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.

> Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference		
Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference	
Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00

Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

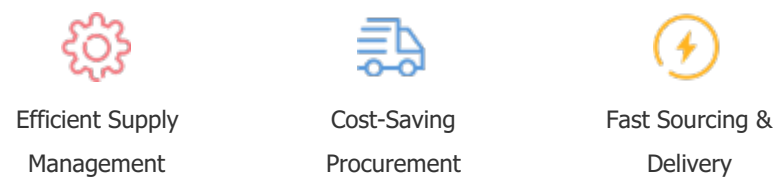
Payment Support

The payment method can be chosen from the methods shown below:

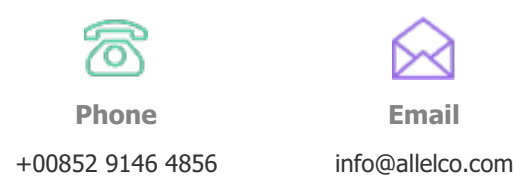
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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