

Image may be representation.
See specifications for product details.



M41T66Q6F

Manufacturer Part Number	M41T66Q6F
Manufacturer	STMicroelectronics
Allelco Part Number	32D-M41T66Q6F
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC RTC CLK/CALENDAR I2C 16QFN
Package	16-VFQFN Exposed Pad
Data sheet	M41T66.pdf
RoHs Status	ROHS3 Compliant

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M41T66Q6F - STMicroelectronics.New Original in Stock. Download Linear Technology M41T66Q6F datasheet/specifications on AllelcoElec.com.
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Specifications

M41T66Q6F Tech Specifications

M41T66Q6F - 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	1.5V ~ 4.4V	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, Watchdog Timer
Supplier Device Package	16-QFN (3x3)	Date Format	YY-MM-DD-dd
Series	Timekeeper®	Current - Timekeeping (Max)	0.9µA ~ 1.1µA @ 1.5V ~ 4.4V
Package / Case	16-VFQFN Exposed Pad	Base Product Number	M41T66
Package	Tape & Reel (TR)		

Parts with Similar Specifications

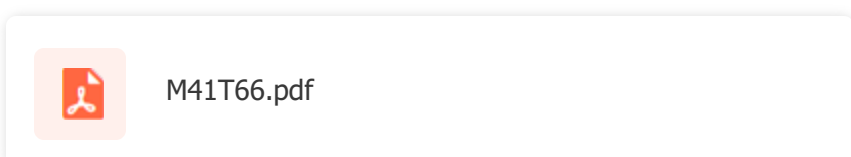
The three parts on the right have similar specifications to STMicroelectronics M41T66Q6F

Product Attribute				
Part Number	M41T66Q6F	M41T62Q6F	M41T81M6F	M41T62LC6F
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
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
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Voltage - Supply, Battery	-	-	2.5V ~ 3.5V	-
Memory Size	-	-	-	-
Voltage - Supply	1.5V ~ 4.4V	1.3V ~ 4.4V	2V ~ 5.5V	1.3V ~ 4.4V
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
Date Format	YY-MM-DD-dd	YY-MM-DD-dd	YY-MM-DD-dd	YY-MM-DD-dd
Base Product Number	M41T66	M41T62	M41T81	M41T62
Package / Case	16-VFQFN Exposed Pad	16-VFQFN Exposed Pad	8-SOIC (0.154", 3.90mm Width)	8-LCC
Type	Clock/Calendar	Clock/Calendar	Clock/Calendar	Clock/Calendar
Current - Timekeeping (Max)	0.9µA ~ 1.1µA @ 1.5V ~ 4.4V	0.7µA ~ 0.95µA @ 1.3V ~ 4.4V	100µA @ 2V ~ 5.5V	0.7µA ~ 0.95µA @ 1.3V ~ 4.4V
Features	Alarm, Leap Year, Square Wave Output, Watchdog Timer	Alarm, Leap Year, Square Wave Output, Watchdog Timer	Alarm, Leap Year, Square Wave Output, Watchdog Timer	Alarm, Leap Year, Square Wave Output, Watchdog Timer
Series	Timekeeper®	Timekeeper®	-	Timekeeper®
Supplier Device Package	16-QFN (3x3)	16-QFN (3x3)	8-SOIC	8-LCC (1.5x3.2)

M41T66Q6F Datasheet PDF

Download M41T66Q6F pdf datasheets and STMicroelectronics documentation for M41T66Q6F - STMicroelectronics.

HTML Datasheet



Customers Also Interested in

Recommended Products



M41T62Q6F1
STMicroelectronics



M41T80
STMicroelectronics



M41T62Q6F
STMicroelectronics
IC RTC CLK/CALENDAR I2C 16QFN



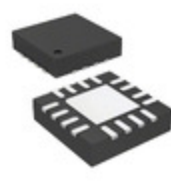
M41T81M6F
STMicroelectronics
IC RTC CLK/CALENDAR I2C 8SOIC



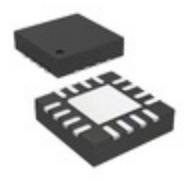
M41T62LC6F
STMicroelectronics
IC RTC CLK/CALENDAR I2C 8LCC



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STMicroelectronics
IC RTC CLK/CALENDAR I2C 8SOIC

**M41T56MH6F**STMicroelectronics
IC RTC CLK/CALENDAR I2C 28SOH**M41T80M6E**STMicroelectronics
IC RTC CLK/CALENDAR I2C 8SOIC**M41T64Q6F**STMicroelectronics
IC RTC CLK/CALENDAR I2C 16QFN**M41T81M6E**STMicroelectronics
IC RTC CLK/CALENDAR I2C 8SOIC**M41T81**

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**M41T60Q6F**STMicroelectronics
IC RTC CLK/CALENDAR I2C 16QFN**M41T60Q6F3**

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**M41T62Q6**

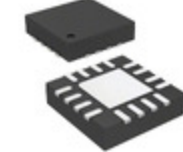
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**M41T81M6**

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**M41T80M6**

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**M41T65Q6F**STMicroelectronics
IC RTC CLK/CALENDAR I2C 16QFN**M41T80M6TR**

STMicroelectronics

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.



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Efficient Supply Management



Cost-Saving Procurement



Fast Sourcing & Delivery

Contact us if you have any questions.



Phone
+00852 9146 4856



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info@allelco.com

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ALLELCO LIMITED
WWW.ALLELCOELEC.COM

Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong

Phone: +00852 9146 4856

Fax: +00852 3010 8510

Email: info@Allelco.com

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