M41T60Q6F

Manufacturer Part Number	**M41T60Q6F**
Manufacturer	**STMicroelectronics**
Allelco Part Number	32D-M41T60Q6F
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC RTC CLK/CALENDAR I2C 16QFN
Package	16-VFQFN Exposed Pad
Data sheet	**M41T60.pdf**
RoHS Status	ROHS3 Compliant

Get a Quote

Image may be representation.
See specifications for product details.

M41T60Q6F - STMicroelectronics.New Original in Stock. Download Linear Technology M41T60Q6F datasheet/specifications on AllelcoElec.com.
Request a quote for M41T60Q6F, please send us email: info@allelco.com

Specifications

M41T60Q6F Tech Specifications
M41T60Q6F - 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	1.3V ~ 4.4V	Memory Size	-
Type	Clock/Calendar	Interface	I²C, 2-Wire Serial
Time Format	HH:MM:SS (24 hr)	Features	Leap Year
Supplier Device Package	16-QFN (3x3)	Date Format	YY-MM-DD-dd
Series	-	Current - Timekeeping (Max)	0.7µA ~ 0.95µA @ 3.6V ~ 4.4V
Package / Case	16-VFQFN Exposed Pad	Base Product Number	M41T60
Package	Tape & Reel (TR)		

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics M41T60Q6F

Product Attribute				
Part Number	M41T60Q6F	M41T65Q6F	M41T64Q6F	M41T56M6E
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Type	Clock/Calendar	Clock/Calendar	Clock/Calendar	Clock/Calendar
Date Format	YY-MM-DD-dd	YY-MM-DD-dd	YY-MM-DD-dd	YY-MM-DD-dd
Time Format	HH:MM:SS (24 hr)	HH:MM:SS:hh (24 hr)	HH:MM:SS:hh (24 hr)	HH:MM:SS (24 hr)
Voltage - Supply, Battery	-	-	-	2.5V ~ 3.5V
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Package / Case	16-VFQFN Exposed Pad	16-VFQFN Exposed Pad	16-VFQFN Exposed Pad	8-SOIC (0.154", 3.90mm Width)
Features	Leap Year	Alarm, Leap Year, Watchdog Timer	Alarm, Leap Year, Square Wave Output, Watchdog Timer	Leap Year, NVSRAM
Interface	I²C, 2-Wire Serial	I²C, 2-Wire Serial	I²C, 2-Wire Serial	I²C, 2-Wire Serial
Voltage - Supply	1.3V ~ 4.4V	1.3V ~ 4.4V	1.3V ~ 4.4V	4.5V ~ 5.5V
Supplier Device Package	16-QFN (3x3)	16-QFN (3x3)	16-QFN (3x3)	8-SOIC
Current - Timekeeping (Max)	0.7µA ~ 0.95µA @ 3.6V ~ 4.4V	0.7µA ~ 0.95µA @ 1.3V ~ 4.4V	0.7µA ~ 0.95µA @ 1.3V ~ 4.4V	100µA (Typ) @ 4.5V ~ 5.5V
Base Product Number	M41T60	M41T65	M41T64	M41T56
Memory Size	-	-	-	56B
Series	-	Timekeeper®	Timekeeper®	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tube

M41T60Q6F Datasheet PDF

Download M41T60Q6F pdf datasheets and STMicroelectronics documentation for M41T60Q6F - STMicroelectronics.

PCN Assembly/Origin

Mult Devices 27/Feb/2019.pdf

PCN Obsolescence/ EOL
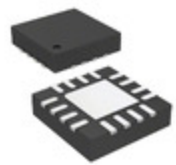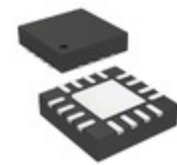
M41T6xx 19/Jan/2022.pdf

HTML Datasheet

M41T60.pdf

Customers Also Interested in

Recommended Products

M41T65Q6F	M41T64Q6F	M41T56M6	M41T56M6E	M41T80	M41T60Q6F3
STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
IC RTC CLK/CALENDAR I2C 16QFN	IC RTC CLK/CALENDAR I2C 16QFN		IC RTC CLK/CALENDAR I2C 8SOIC		

M41T56M6F.	M41T62Q6F1	M41T56M6FTR	M41T56C64MY6F	M41T62Q6	M41T56M6F
STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
			IC RTC CLK/CALENDAR I2C 18SOX		IC RTC CLK/CALENDAR I2C 8SOIC
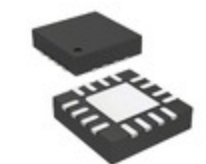
M41T66Q6F	M41T62LC6F	M41T62Q6F	M41T56M6TR	M41T56MH6F	M41T56-MH6
STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
IC RTC CLK/CALENDAR I2C 16QFN	IC RTC CLK/CALENDAR I2C 8LCC	IC RTC CLK/CALENDAR I2C 16QFN		IC RTC CLK/CALENDAR I2C 28SOH	

▌ 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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Certifications & Memberships

MEDICAL DEVICES ISO 13485:2016
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SMTA Surface Mount Technology Association

View More

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