



Image may be representation.
See specifications for product details.



M41T94MH6F

Manufacturer Part Number	M41T94MH6F
Manufacturer	STMicroelectronics
Allelco Part Number	32D-M41T94MH6F
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC RTC CLK/CALENDAR SPI 28SOH
Package	28-SOP (0.350", 8.89mm Width) with SNAPHAT Sockets
Data sheet	M41T94.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

M41T94MH6F - STMicroelectronics.New Original in Stock. Download Linear Technology M41T94MH6F datasheet/specifications on AllelcoElec.com.
Request a quote for M41T94MH6F, please send us email: info@allelco.com

Specifications

M41T94MH6F Tech Specifications

M41T94MH6F - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Operating Temperature	-40°C ~ 85°C
Voltage - Supply, Battery	2.5V ~ 3.5V	Mounting Type	Surface Mount
Voltage - Supply	2.7V ~ 5.5V	Memory Size	44B
Type	Clock/Calendar	Interface	SPI
Time Format	HH:MM:SS:hh (24 hr)	Features	Alarm, Leap Year, NVRAM, Square Wave Output, Watchdog Timer
Supplier Device Package	28-SOH	Date Format	YY-MM-DD-dd
Series	-	Current - Timekeeping (Max)	1.4mA @ 2.7V ~ 5.5V
Package / Case	28-SOP (0.350", 8.89mm Width) with SNAPHAT Sockets	Base Product Number	M41T94
Package	Tape & Reel (TR)		

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics M41T94MH6F

Product Attribute				
Part Number	M41T94MH6F	M41T83SQA6F	M41T93SQA6F	M41T94MH6E
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Series	-	-	-	-
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tube
Features	Alarm, Leap Year, NVRAM, Square Wave Output, Watchdog Timer	Alarm, Leap Year, Square Wave Output, SRAM, Watchdog Timer	Alarm, Leap Year, Square Wave Output, SRAM, Watchdog Timer	Alarm, Leap Year, NVRAM, Square Wave Output, Watchdog Timer
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
Current - Timekeeping (Max)	1.4mA @ 2.7V ~ 5.5V	10µA @ 5.5V	10µA @ 5.5V	1.4mA @ 2.7V ~ 5.5V
Supplier Device Package	28-SOH	16-QFN (4x4)	16-QFN (4x4)	28-SOH
Voltage - Supply, Battery	2.5V ~ 3.5V	2V ~ 5.5V	1.8V ~ 5.5V	2.5V ~ 3.5V
Voltage - Supply	2.7V ~ 5.5V	3V ~ 5.5V	3V ~ 5.5V	2.7V ~ 5.5V
Memory Size	44B	7B	7B	44B
Interface	SPI	I ² C, 2-Wire Serial	SPI	SPI
Package / Case	28-SOP (0.350", 8.89mm Width) with SNAPHAT Sockets	16-VQFN Exposed Pad	16-VQFN Exposed Pad	28-SOP (0.350", 8.89mm Width) with SNAPHAT Sockets
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Base Product Number	M41T94	M41T83	M41T93	M41T94
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)

M41T94MH6F Datasheet PDF

Download M41T94MH6F pdf datasheets and STMicroelectronics documentation for M41T94MH6F - STMicroelectronics.

PCN Packaging

Box Label Chg 28/Jul/2016.pdf

Material Barrier Bag 17/Dec/2020.pdf

PCN Assembly/Origin


















Multiple Parts 24/Aug/2022.pdf

HTML Datasheet

M41T94.pdf

Customers Also Interested in

Recommended Products

 M41TC8025AMC6F STMicroelectronics	 M41T93ZMY6 STMicroelectronics	 M41T83SQA6F STMicroelectronics IC RTC CLK/CALENDAR I2C 16QFN	 M41T83ZMY6 STMicroelectronics	 M41T93RMY6 STMicroelectronics	 M41T93SQA6F STMicroelectronics IC RTC CLK/CALENDAR SPI 16QFN
 M41T94MH6E STMicroelectronics IC RTC CLK/CALENDAR SPI 28SOH	 M41T93RQA6F STMicroelectronics IC RTC CLK/CALENDAR SPI 16QFN	 M41T83ZMY6E STMicroelectronics IC RTC CLK/CALENDAR I2C 18SOX	 M41T93RMY6F STMicroelectronics IC RTC CLK/CALENDAR SPI 18SOX	 M41T83ZMY6F STMicroelectronics IC RTC CLK/CALENDAR I2C 18SOX	 M41T94MQ6 STMicroelectronics
 M41T94MH6 STMicroelectronics	 M41T94MQ6E STMicroelectronics IC RTC CLK/CALENDAR SPI 16SO	 M41TOE9607 STMicroelectronics	 M41T83ZQA6F STMicroelectronics IC RTC CLK/CALENDAR I2C 16QFN	 M41T93ZQA6F STMicroelectronics IC RTC CLK/CALENDAR SPI 16QFN	 M41T94MQ6F STMicroelectronics IC RTC CLK/CALENDAR SPI 16SO

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

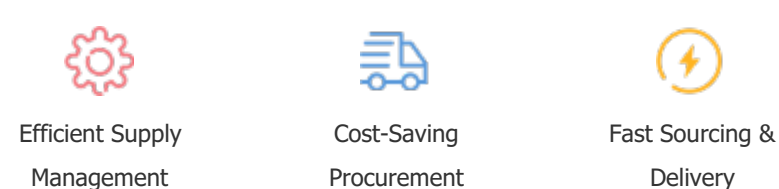
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

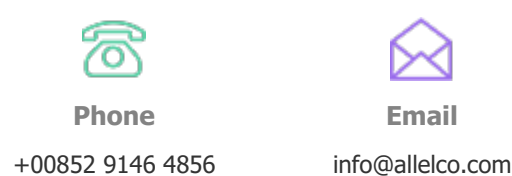
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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