



Image may be representation.
See specifications for product details.



ST7FMC2S6T6

Manufacturer Part Number	ST7FMC2S6T6
Manufacturer	STMicroelectronics
Allelco Part Number	32D-ST7FMC2S6T6
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 8BIT 32KB FLASH 44LQFP
Package	44-LQFP
Data sheet	ST7MC1xx,2xx.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

ST7FMC2S6T6 - STMicroelectronics.New Original in Stock. Download Linear Technology ST7FMC2S6T6 datasheet/specifications on AllelcoElec.com.
Request a quote for ST7FMC2S6T6, please send us email: info@allelco.com

Specifications

ST7FMC2S6T6 Tech Specifications
ST7FMC2S6T6 - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Oscillator Type	Internal
Voltage - Supply (Vcc/Vdd)	3.8V ~ 5.5V	Operating Temperature	-40°C ~ 85°C (TA)
Speed	8MHz	Number of I/O	26
Series	ST7	Mounting Type	Surface Mount
RAM Size	1K x 8	EEPROM Size	-
Program Memory Type	FLASH	Data Converters	A/D 11x10b
Program Memory Size	32KB (32K x 8)	Core Size	8-Bit
Peripherals	LVD, Motor Control PWM, POR, PWM, WDT	Core Processor	ST7
Package / Case	44-LQFP	Connectivity	LINbusSCI, SPI
Package	Tray	Base Product Number	ST7FM

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics ST7FMC2S6T6

Product Attribute				
Part Number	ST7FMC2S6T6	ST7FOXA0M6	ST7FMC2S4T3	ST7FMC2R6T6
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Package / Case	44-LQFP	8-SOIC (0.154", 3.90mm Width)	44-LQFP	64-LQFP
Number of I/O	26	5	26	44
Peripherals	LVD, Motor Control PWM, POR, PWM, WDT	LVD, POR, PWM, WDT	LVD, Motor Control PWM, POR, PWM, WDT	LVD, Motor Control PWM, POR, PWM, WDT
Series	ST7	ST7	ST7	ST7
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 85°C (TA)
Package	Tray	Tube	Tray	Tray
Program Memory Size	32KB (32K x 8)	2KB (2K x 8)	16KB (16K x 8)	32KB (32K x 8)
Base Product Number	ST7FM	ST7FOX	ST7FM	ST7FM
Oscillator Type	Internal	Internal	External	Internal
RAM Size	1K x 8	128 x 8	768 x 8	1K x 8
Voltage - Supply (Vcc/Vdd)	3.8V ~ 5.5V	4.5V ~ 5.5V	3.8V ~ 5.5V	3.8V ~ 5.5V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Core Processor	ST7	ST7	ST7	ST7
Data Converters	A/D 11x10b	A/D 5x10b	A/D 11x10b	A/D 16x10b
Connectivity	LINbusSCI, SPI	-	LINbusSCI, SPI	LINbusSCI, SPI
EEPROM Size	-	-	-	-
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Speed	8MHz	8MHz	8MHz	8MHz
Core Size	8-Bit	8-Bit	8-Bit	8-Bit

ST7FMC2S6T6 Datasheet PDF

Download ST7FMC2S6T6 pdf datasheets and STMicroelectronics documentation for ST7FMC2S6T6 - STMicroelectronics.

PCN Obsolescence/ EOL



















Cylindrical Battery Holders.pdf

HTML Datasheet

ST7MC1xx,2xx.pdf

Customers Also Interested in

Recommended Products

 ST7FOXA0M6 STMicroelectronics IC MCU 8BIT 2KB FLASH 850IC	 ST7FMC2S4T3 STMicroelectronics IC MCU 8BIT 16KB FLASH 44LQFP	 ST7FMC2R6T6 STMicroelectronics IC MCU 8BIT 32KB FLASH 64LQFP	 ST7FMC2R9T6 STMicroelectronics	 ST7FOXK1T6TR STMicroelectronics IC MCU 8BIT 4KB FLASH 32LQFP	 ST7FOXK1T6 STMicroelectronics IC MCU 8BIT 4KB FLASH 32LQFP
 ST7FMC2S4T6 STMicroelectronics IC MCU 8BIT 16KB FLASH 44LQFP	 ST7FMC1K4T6 STMicroelectronics IC MCU 8BIT 16KB FLASH 32LQFP	 ST7FMC2K9T6 STMicroelectronics	 ST7FOXK2T6 STMicroelectronics IC MCU 8BIT 8KB FLASH 32LQFP	 ST7FMC1K4T6TR STMicroelectronics	 ST7FMC2R7T6 STMicroelectronics IC MCU 8BIT 48KB FLASH 64LQFP
 ST7FMC1K4T3 STMicroelectronics IC MCU 8BIT 16KB FLASH 32LQFP	 ST7FOXF1B6 STMicroelectronics IC MCU 8BIT 4KB FLASH 20DIP	 ST7FMC2S9T3 STMicroelectronics	 ST7FMC1K2T6 STMicroelectronics IC MCU 8BIT 8KB FLASH 32LQFP	 ST7FOXK1B6 STMicroelectronics IC MCU 8BIT 4KB FLASH 32SDIP	 ST7FOXF1M6 STMicroelectronics IC MCU 8BIT 4KB FLASH 20SOIC

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

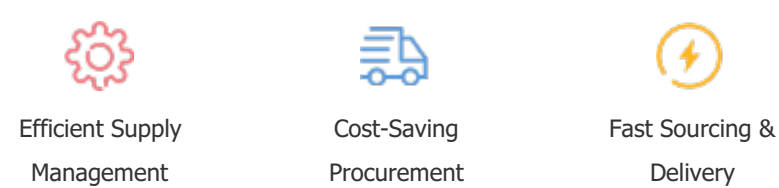
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

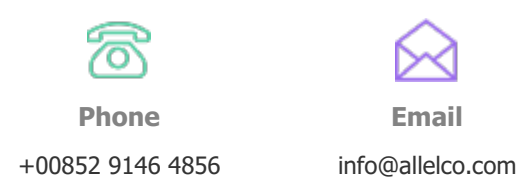
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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