



Image may be representation.
See specifications for product details.



ST7FLITE05M6TR

Manufacturer Part Number	ST7FLITE05M6TR
Manufacturer	STMicroelectronics
Allelco Part Number	32D-ST7FLITE05M6TR
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 8BIT 1.5KB FLASH 16SO
Package	16-SOIC (0.154", 3.90mm Width)
Data sheet	ST7LITE(0,S)xY0.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

ST7FLITE05M6TR - STMicroelectronics.New Original in Stock. Download Linear Technology ST7FLITE05M6TR datasheet/specifications on AllelcoElec.com.
Request a quote for ST7FLITE05M6TR, please send us email: info@allelco.com

Specifications

ST7FLITE05M6TR Tech Specifications

ST7FLITE05M6TR - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Oscillator Type	Internal
Voltage - Supply (Vcc/Vdd)	2.4V ~ 5.5V	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package	16-SO	Number of I/O	13
Speed	8MHz	Mounting Type	Surface Mount
Series	ST7	EEPROM Size	-
RAM Size	128 x 8	Data Converters	A/D 5x8b
Program Memory Type	FLASH	Core Size	8-Bit
Program Memory Size	1.5KB (1.5K x 8)	Core Processor	ST7
Peripherals	LVD, POR, PWM, WDT	Connectivity	SPI
Package / Case	16-SOIC (0.154", 3.90mm Width)	Base Product Number	ST7FL
Package	Tape & Reel (TR)		

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics ST7FLITE05M6TR

Product Attribute				
Part Number	ST7FLITE05M6TR	ST7FLIT19F1M6TR	ST7FLIT198F1M3	ST7FLIT15BY1M6
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Data Converters	A/D 5x8b	A/D 7x10b	A/D 7x10b	A/D 5x10b
Package / Case	16-SOIC (0.154", 3.90mm Width)	20-SOIC (0.295", 7.50mm Width)	20-SOIC (0.295", 7.50mm Width)	16-SOIC (0.295", 7.50mm Width)
Oscillator Type	Internal	Internal	Internal	Internal
Voltage - Supply (Vcc/Vdd)	2.4V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V
Number of I/O	13	17	17	11
EEPROM Size	-	128 x 8	128 x 8	-
Program Memory Size	1.5KB (1.5K x 8)	4KB (4K x 8)	4KB (4K x 8)	4KB (4K x 8)
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tube	Tube
Supplier Device Package	16-SO	20-SO	20-SO	-
RAM Size	128 x 8	256 x 8	256 x 8	256 x 8
Speed	8MHz	8MHz	8MHz	8MHz
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Peripherals	LVD, POR, PWM, WDT	LVD, POR, PWM, WDT	LVD, POR, PWM, WDT	LVD, POR, PWM, WDT
Series	ST7	ST7	ST7	ST7
Base Product Number	ST7FL	ST7FL	ST7FL	ST7FL
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Connectivity	SPI	SPI	SPI	SPI
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Core Processor	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)

ST7FLITE05M6TR Datasheet PDF

Download ST7FLITE05M6TR pdf datasheets and STMicroelectronics documentation for ST7FLITE05M6TR - STMicroelectronics.

Datasheets



















[ST7LITE\(0,S\)xY0.pdf](#)

PCN Packaging

[2.73KHz.pdf](#)

Customers Also Interested in

Recommended Products

					
ST7FLIT19F1M6TR STMicroelectronics IC MCU 8BIT 4KB FLASH 20SOIC	ST7FLIT19BF1M3 STMicroelectronics IC MCU 8BIT 4KB FLASH 20SOIC	ST7FLITE05M6 STMicroelectronics	ST7FLIT15BY1M6 STMicroelectronics IC MCU 8BIT 4KB FLASH 16SOIC	ST7FLITE09Y0M6 STMicroelectronics IC MCU 8BIT 1.5KB FLASH 16SO	ST7FLITE05Y0M6 STMicroelectronics IC MCU 8BIT 1.5KB FLASH 16SO
					
ST7FLITE05Y0M6 STMicroelectronics	ST7FLIT25F2M6 STMicroelectronics	ST7FLITE15F1B6 STMicroelectronics IC MCU 8BIT 4KB FLASH 20SOIC	ST7FLITE09M6 STMicroelectronics	ST7FLITE02Y0M6 STMicroelectronics IC MCU 8BIT 1.5KB FLASH 16SO	ST7FLITE05Y0B6 STMicroelectronics IC MCU 8BIT 1.5KB FLASH 16DIP
					
ST7FLITE10F1M6 STMicroelectronics IC MCU 8BIT 4KB FLASH 20SOIC	ST7FLITE09M6TR STMicroelectronics IC MCU 8BIT 1.5KB FLASH 16SO	ST7FLIT19BF1M3TR STMicroelectronics	ST7FLITE09Y0B6 STMicroelectronics IC MCU 8BIT 1.5KB FLASH 16DIP	ST7FLIT19BF1M6 STMicroelectronics IC MCU 8BIT 4KB FLASH 20SOIC	ST7FLITE05M6,3 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.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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