



Image may be representation.
See specifications for product details.



STM8AF6248TCY

Manufacturer Part Number	STM8AF6248TCY
Manufacturer	STMicroelectronics
Allelco Part Number	32D-STM8AF6248TCY
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC MCU 8BIT 16KB FLASH 48LQFP
Package	48-LQFP
Data sheet	STM8AF62x6, 62x8.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

STM8AF6248TCY - STMicroelectronics.New Original in Stock. Download Linear Technology STM8AF6248TCY datasheet/specifications on AllelcoElec.com.
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Specifications

STM8AF6248TCY Tech Specifications
STM8AF6248TCY - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Oscillator Type	Internal
Voltage - Supply (Vcc/Vdd)	3V ~ 5.5V	Operating Temperature	-40°C ~ 125°C (TA)
Speed	16MHz	Number of I/O	38
Series	Automotive, AEC-Q100, STM8A	Mounting Type	Surface Mount
RAM Size	2K x 8	EEPROM Size	512 x 8
Program Memory Type	FLASH	Data Converters	A/D 10x10b
Program Memory Size	16KB (16K x 8)	Core Size	8-Bit
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Core Processor	STM8A
Package / Case	48-LQFP	Connectivity	I ² C, LINbus, SPI, UART/USART
Package	Tray	Base Product Number	STM8

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics STM8AF6248TCY

Product Attribute				
Part Number	STM8AF6248TCY	STM8AF6248TDY	STM8AF6266TAX	STM8AF6248TAY
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Oscillator Type	Internal	Internal	Internal	Internal
Connectivity	I ² C, LINbus, SPI, UART/USART	I ² C, LINbus, SPI, UART/USART	I ² C, LINbus, SPI, UART/USART	I ² C, LINbus, SPI, UART/USART
Core Processor	STM8A	STM8A	STM8A	STM8A
RAM Size	2K x 8	2K x 8	2K x 8	2K x 8
Operating Temperature	-40°C ~ 125°C (TA)	-40°C ~ 150°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
EEPROM Size	512 x 8	512 x 8	1K x 8	512 x 8
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Brown-out Detect/Reset, POR, PWM, WDT	Brown-out Detect/Reset, POR, PWM, WDT	Brown-out Detect/Reset, POR, PWM, WDT
Data Converters	A/D 10x10b	A/D 10x10b	A/D 7x10b	A/D 10x10b
Voltage - Supply (Vcc/Vdd)	3V ~ 5.5V	3V ~ 5.5V	3V ~ 5.5V	3V ~ 5.5V
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Package	Tray	Tray	Tape & Reel (TR)	Tray
Number of I/O	38	38	25	38
Series	Automotive, AEC-Q100, STM8A	Automotive, AEC-Q100, STM8A	STM8A	STM8A
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Speed	16MHz	16MHz	16MHz	16MHz
Base Product Number	STM8	STM8	STM8	STM8
Program Memory Size	16KB (16K x 8)	16KB (16K x 8)	32KB (32K x 8)	16KB (16K x 8)
Package / Case	48-LQFP	48-LQFP	32-LQFP	48-LQFP
Program Memory Type	FLASH	FLASH	FLASH	FLASH

STM8AF6248TCY Datasheet PDF

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PCN Packaging

2.73KHz.pdf

HTML Datasheet









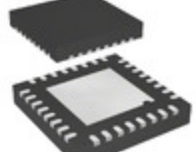




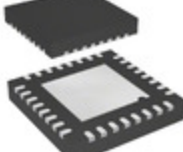


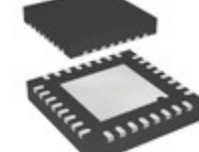

STM8AF62x6, 62x8.pdf

PCN Design/Specification

PCN Assembly/Origin

Customers Also Interested in

Recommended Products

 STM8AF6248TDY STMicroelectronics IC MCU 8BIT 16KB FLASH 48LQFP	 STM8AF6266TAX STMicroelectronics IC MCU 8BIT 32KB FLASH 32LQFP	 STM8AF6246UC STMicroelectronics	 STM8AF6266ITC STMicroelectronics	 STM8AF6248TAY STMicroelectronics IC MCU 8BIT 16KB FLASH 48LQFP	 STM8AF6248TA STMicroelectronics
 STM8AF6248TA/C STMicroelectronics	 STM8AF6266TCY STMicroelectronics IC MCU 8BIT 32KB FLASH 32LQFP	 STM8AF6246UCY STMicroelectronics IC MCU 8BIT 16KB FLASH 32VFQFPN	 STM8AF6266TCX STMicroelectronics IC MCU 8BIT 32KB FLASH 32LQFP	 STM8AF6248TC STMicroelectronics	 STM8AF6248TCX STMicroelectronics IC MCU 8BIT 16KB FLASH 48LQFP
 STM8AF6248TD STMicroelectronics	 STM8AF6246UDX STMicroelectronics IC MCU 8BIT 16KB FLASH 32VFQFPN	 STM8AF6266TAY STMicroelectronics IC MCU 8BIT 32KB FLASH 32LQFP	 STM8AF6266ITCY STMicroelectronics IC MCU 8BIT 32KB FLASH 32LQFP	 STM8AF6246UDY STMicroelectronics IC MCU 8BIT 16KB FLASH 32VFQFPN	 STM8AF6246TDSSSY STMicroelectronics IC MCU 8BIT 16KB FLASH 32LQFP

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.

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Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



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Contact us if you have any questions.

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