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See specifications for product details.



STM8AF6226TCY

Manufacturer Part Number	STM8AF6226TCY
Manufacturer	STMicroelectronics
Allelco Part Number	32D-STM8AF6226TCY
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC MCU 8BIT 8KB FLASH 32LQFP
Package	32-LQFP
Data sheet	STM8AF62xx(A) Datasheet.pdf
RoHs Status	ROHS3 Compliant

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Specifications

STM8AF6226TCY Tech Specifications
STM8AF6226TCY - 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)
Supplier Device Package	32-LQFP (7x7)	Number of I/O	28
Speed	16MHz	Mounting Type	Surface Mount
Series	Automotive, AEC-Q100, STM8A	EEPROM Size	640 x 8
RAM Size	1K x 8	Data Converters	A/D 7x10b SAR
Program Memory Type	FLASH	Core Size	8-Bit
Program Memory Size	8KB (8K x 8)	Core Processor	STM8A
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Connectivity	I ² C, LINbus, SPI, UART/USART
Package / Case	32-LQFP	Base Product Number	STM8
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics STM8AF6226TCY

Product Attribute				
Part Number	STM8AF6226TCY	STM8AF6246TCSSY	STM8AF6223PCX	STM8AF6226TDY
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Package	Tray	Tray	Tape & Reel (TR)	Tray
EEPROM Size	640 x 8	512 x 8	640 x 8	640 x 8
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
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
Package / Case	32-LQFP	32-LQFP	20-TSSOP (0.173", 4.40mm Width)	32-LQFP
RAM Size	1K x 8	2K x 8	1K x 8	1K x 8
Program Memory Size	8KB (8K x 8)	16KB (16K x 8)	8KB (8K x 8)	8KB (8K x 8)
Supplier Device Package	32-LQFP (7x7)	-	20-TSSOP	32-LQFP (7x7)
Series	Automotive, AEC-Q100, STM8A	Automotive, AEC-Q100, STM8A	Automotive, AEC-Q100, STM8A	Automotive, AEC-Q100, STM8A
Operating Temperature	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 150°C (TA)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Base Product Number	STM8	STM8	STM8	STM8
Number of I/O	28	25	16	28
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Speed	16MHz	16MHz	16MHz	16MHz
Data Converters	A/D 7x10b SAR	A/D 7x10b	A/D 5x10b	A/D 7x10b SAR
Core Processor	STM8A	STM8A	STM8A	STM8A
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Oscillator Type	Internal	Internal	Internal	Internal
Voltage - Supply (Vcc/Vdd)	3V ~ 5.5V	3V ~ 5.5V	3V ~ 5.5V	3V ~ 5.5V

STM8AF6226TCY Datasheet PDF

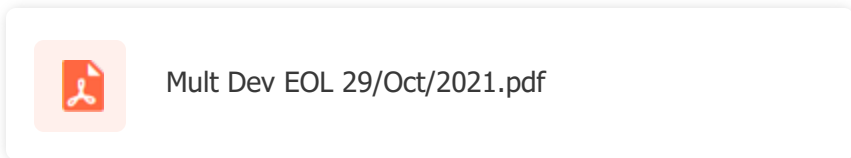
Download STM8AF6226TCY pdf datasheets and STMicroelectronics documentation for STM8AF6226TCY - STMicroelectronics.

PCN Packaging

[Material Barrier Bag 17/Dec/2020.pdf](#)

PCN Design/Specification

[Mult Dev 28/Nov/2022.pdf](#)



HTML Datasheet



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 STM8AF6246TCSSY STMicroelectronics IC MCU 8BIT 16KB FLASH 32LQFP	 STM8AF6226TDSSSX STMicroelectronics	 STM8AF6246TCSSX STMicroelectronics	 STM8AF6223PCX STMicroelectronics IC MCU 8BIT 8KB FLASH 20TSSOP	 STM8AF6226TDY STMicroelectronics IC MCU 8BIT 8KB FLASH 32LQFP	 STM8AF6223PCAX STMicroelectronics IC MCU 8BIT 8KB FLASH 20TSSOP
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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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