



Image may be representation.
See specifications for product details.



STM8AF52A9TCY

Manufacturer Part Number	STM8AF52A9TCY
Manufacturer	STMicroelectronics
Allelco Part Number	32D-STM8AF52A9TCY
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC MCU 8BIT 128KB FLASH 64LQFP
Package	64-LQFP
Data sheet	STM8AF52xx, STM8AF62xx.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

STM8AF52A9TCY - STMicroelectronics.New Original in Stock. Download Linear Technology STM8AF52A9TCY datasheet/specifications on AllelcoElec.com.
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Specifications

STM8AF52A9TCY Tech Specifications
STM8AF52A9TCY - 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	24MHz	Number of I/O	52
Series	Automotive, AEC-Q100, STM8A	Mounting Type	Surface Mount
RAM Size	6K x 8	EEPROM Size	2K x 8
Program Memory Type	FLASH	Data Converters	A/D 16x10b
Program Memory Size	128KB (128K x 8)	Core Size	8-Bit
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Core Processor	STM8A
Package / Case	64-LQFP	Connectivity	CANbus, 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 STM8AF52A9TCY

Product Attribute				
Part Number	STM8AF52A9TCY	STM8AF52A9TAY	STM8AF52A8TCX	STM8AF52AATAY
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Package	Tray	Tray	Tape & Reel (TR)	Tray
Speed	24MHz	24MHz	24MHz	24MHz
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package / Case	64-LQFP	64-LQFP	48-LQFP	80-LQFP
RAM Size	6K x 8	6K x 8	6K x 8	6K x 8
Series	Automotive, AEC-Q100, STM8A	STM8A	Automotive, AEC-Q100, STM8A	STM8A
EEPROM Size	2K x 8	2K x 8	2K x 8	2K x 8
Voltage - Supply (Vcc/Vdd)	3V ~ 5.5V	3V ~ 5.5V	3V ~ 5.5V	3V ~ 5.5V
Connectivity	CANbus, I ² C, LINbus, SPI, UART/USART	CANbus, I ² C, LINbus, SPI, UART/USART	CANbus, I ² C, LINbus, SPI, UART/USART	CANbus, I ² C, LINbus, SPI, UART/USART
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Core Processor	STM8A	STM8A	STM8A	STM8A
Data Converters	A/D 16x10b	A/D 16x10b	A/D 10x10b	A/D 16x10b
Operating Temperature	-40°C ~ 125°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 85°C (TA)
Base Product Number	STM8	STM8	STM8	STM8
Oscillator Type	Internal	Internal	Internal	Internal
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
Number of I/O	52	52	38	68
Program Memory Size	128KB (128K x 8)	128KB (128K x 8)	128KB (128K x 8)	128KB (128K x 8)
Core Size	8-Bit	8-Bit	8-Bit	8-Bit

STM8AF52A9TCY Datasheet PDF

Download STM8AF52A9TCY pdf datasheets and STMicroelectronics documentation for STM8AF52A9TCY - STMicroelectronics.

PCN Packaging

2.73KHz.pdf

PCN Assembly/Origin

STM8A Testing Chgs 13/Dec/2021.pdf

HTML Datasheet




STM8AF52xx, STM8AF62xx.pdf

PCN Design/Specification

STM8AFx 07/Sep/2022.pdf

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Recommended Products

 STM8AF52A9TD STMicroelectronics	 STM8AF52A8TA STMicroelectronics	 STM8AF52A9TC STMicroelectronics	 STM8AF52A9TAY STMicroelectronics IC MCU 8BIT 128KB FLASH 64LQFP	 STM8AF52A8TCX STMicroelectronics IC MCU 8BIT 128KB FLASH 48LQFP	 STM8AF52AATAY STMicroelectronics IC MCU 8BIT 128KB FLASH 80LQFP
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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

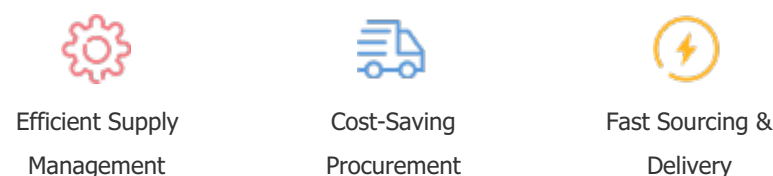
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

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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