



Image may be representation.  
See specifications for product details.



## STM8AF6223PCAX

Manufacturer Part Number	<b>STM8AF6223PCAX</b>
Manufacturer	<b>STMicroelectronics</b>
Allelco Part Number	32D-STM8AF6223PCAX
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC MCU 8BIT 8KB FLASH 20TSSOP
Package	20-TSSOP (0.173", 4.40mm Width)
Data sheet	<b>STM8AF62xx(A) Datasheet.pdf</b>
RoHs Status	Lead free / RoHS Compliant

**Get a Quote**

STM8AF6223PCAX - STMicroelectronics.New Original in Stock. Download Linear Technology STM8AF6223PCAX datasheet/specifications on AllelcoElec.com.  
Request a quote for STM8AF6223PCAX, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

STM8AF6223PCAX Tech Specifications  
STM8AF6223PCAX - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Operating Temperature	-40°C ~ 125°C (TA)
Voltage - Supply (Vcc/Vdd)	3 V ~ 5.5 V	Number of I/O	16
Supplier Device Package	20-TSSOP	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Speed	16MHz	Manufacturer Standard Lead Time	20 Weeks
Series	Automotive, AEC-Q100, STM8A	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
RAM Size	1K x 8	EEPROM Size	640 x 8
Program Memory Type	FLASH	Detailed Description	STM8A Automotive, AEC-Q100, STM8A Microcontroller IC 8-Bit 16MHz 8KB (8K x 8) FLASH 20-TSSOP
Program Memory Size	8KB (8K x 8)	Data Converters	A/D 7x10b
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Core Size	8-Bit
Packaging	Tape & Reel (TR)	Core Processor	STM8A
Package / Case	20-TSSOP (0.173", 4.40mm Width)	Connectivity	I <sup>2</sup> C, LINbus, SPI, UART/USART
Oscillator Type	Internal		

### Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics STM8AF6223PCAX

Product Attribute				
Part Number	STM8AF6223PCAX	STM8AF6223PAU	STM8AF6223PAX	STM8AF6226TCS5SY
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Series	Automotive, AEC-Q100, STM8A	Automotive, AEC-Q100, STM8A	Automotive, AEC-Q100, STM8A	Automotive, AEC-Q100, STM8A
Detailed Description	STM8A Automotive, AEC-Q100, STM8A Microcontroller IC 8-Bit 16MHz 8KB (8K x 8) FLASH 20-TSSOP	-	-	-
Core Processor	STM8A	STM8A	STM8A	STM8A
Package / Case	20-TSSOP (0.173", 4.40mm Width)	20-TSSOP (0.173", 4.40mm Width)	20-TSSOP (0.173", 4.40mm Width)	32-LQFP
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	-	-	-
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
Packaging	Tape & Reel (TR)	-	-	-
Oscillator Type	Internal	Internal	Internal	Internal
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Operating Temperature	-40°C ~ 125°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)
Connectivity	I <sup>2</sup> C, LINbus, SPI, UART/USART	I <sup>2</sup> C, LINbus, SPI, UART/USART	I <sup>2</sup> C, LINbus, SPI, UART/USART	I <sup>2</sup> C, LINbus, SPI, UART/USART
Manufacturer Standard Lead Time	20 Weeks	-	-	-
RAM Size	1K x 8	1K x 8	1K x 8	1K x 8
Speed	16MHz	16MHz	16MHz	16MHz
Program Memory Size	8KB (8K x 8)	8KB (8K x 8)	8KB (8K x 8)	8KB (8K x 8)
Data Converters	A/D 7x10b	A/D 5x10b	A/D 5x10b	A/D 7x10b SAR
Number of I/O	16	16	16	28
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
EEPROM Size	640 x 8	640 x 8	640 x 8	640 x 8
Supplier Device Package	20-TSSOP	20-TSSOP	20-TSSOP	-
Voltage - Supply (Vcc/Vdd)	3 V ~ 5.5 V	3V ~ 5.5V	3V ~ 5.5V	3V ~ 5.5V
Moisture Sensitivity Level (MSL)	1 (Unlimited)	-	-	-

### STM8AF6223PCAX Datasheet PDF

Download STM8AF6223PCAX pdf datasheets and STMicroelectronics documentation for STM8AF6223PCAX - STMicroelectronics.

Datasheets



## Customers Also Interested in

### Recommended Products



**STM8AF6178TBSSS**  
STMicroelectronics



**STM8AF6178TCSSS**  
STMicroelectronics



**STM8AF6226TASSS**  
STMicroelectronics



**STM8AF6223PAU**  
STMicroelectronics  
IC MCU 8BIT 8KB FLASH 20TSSOP



**STM8AF6223PAX**  
STMicroelectronics  
IC MCU 8BIT 8KB FLASH 20TSSOP



**STM8AF6226TCSSSY**  
STMicroelectronics  
IC MCU 8BIT 8KB FLASH 32LQFP



**STM8AF6226TCY**  
STMicroelectronics  
IC MCU 8BIT 8KB FLASH 32LQFP



**STM8AF6223PCU**  
STMicroelectronics  
IC MCU 8BIT 8KB FLASH 20TSSOP



**STM8AF6168TA**  
STMicroelectronics



**STM8AF6213PCU**  
STMicroelectronics  
IC MCU 8BIT 4KB FLASH 20TSSOP



**STM8AF6223PCX**  
STMicroelectronics  
IC MCU 8BIT 8KB FLASH 20TSSOP



**STM8AF6226TAY**  
STMicroelectronics  
IC MCU 8BIT 8KB FLASH 32LQFP



**STM8AF6213PDU**  
STMicroelectronics  
IC MCU 8BIT 4KB FLASH 20TSSOP



**STM8AF6189TA**  
STMicroelectronics



**STM8AF6166TC**  
STMicroelectronics



**STM8AF6169TCSSS**  
STMicroelectronics



**STM8AF6226TC**  
STMicroelectronics



**STM8AF6226TASSSY**  
STMicroelectronics  
IC MCU 8BIT 8KB 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.

### 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 -



Efficient Supply Management



Cost-Saving Procurement



Fast Sourcing & Delivery

Contact us if you have any questions.



Phone

+00852 9146 4856



Email

info@allelco.com

### Certifications & Memberships



View More