STM8AF6223PAU

Manufacturer Part Number	**STM8AF6223PAU**
Manufacturer	**STMicroelectronics**
Allelco Part Number	32D-STM8AF6223PAU
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	**STM8AF62xx(A) Datasheet.pdf**
	STM8S, STM8AF Programming Manual.pdf
RoHs Status	ROHS3 Compliant

Image may be representation.
See specifications for product details.

Get a Quote

STM8AF6223PAU - STMicroelectronics.New Original in Stock. Download Linear Technology STM8AF6223PAU datasheet/specifications on AllelcoElec.com.
Request a quote for STM8AF6223PAU, please send us email: info@allelco.com

Specifications

STM8AF6223PAU Tech Specifications
STM8AF6223PAU - 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 ~ 85°C (TA)
Supplier Device Package	20-TSSOP	Number of I/O	16
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 5x10b
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	I²C, LINbus, SPI, UART/USART
Package / Case	20-TSSOP (0.173", 4.40mm Width)	Base Product Number	STM8
Package	Tube		

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics STM8AF6223PAU

Product Attribute				
Part Number	STM8AF6223PAU	STM8AF6226TASSSY	STM8AF6226TAY	STM8AF6213PCU
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Base Product Number	STM8	STM8	STM8	STM8
Core Processor	STM8A	STM8A	STM8A	STM8A
Speed	16MHz	16MHz	16MHz	16MHz
Package	Tube	Tray	Tray	Tube
Package / Case	20-TSSOP (0.173", 4.40mm Width)	32-LQFP	32-LQFP	20-TSSOP (0.173', 4.40mm Width)
Number of I/O	16	28	28	16
Series	Automotive, AEC-Q100, STM8A	Automotive, AEC-Q100, STM8A	Automotive, AEC-Q100, STM8A	Automotive, AEC-Q100, STM8A
Connectivity	I²C, LINbus, SPI, UART/USART	I²C, LINbus, SPI, UART/USART	I²C, LINbus, SPI, UART/USART	I²C, LINbus, SPI, UART/USART
Data Converters	A/D 5x10b	A/D 7x10b SAR	A/D 7x10b SAR	A/D 5x10b
Supplier Device Package	20-TSSOP	-	32-LQFP (7x7)	20-TSSOP
Voltage - Supply (Vcc/Vdd)	3V ~ 5.5V	3V ~ 5.5V	3V ~ 5.5V	3V ~ 5.5V
Program Memory Size	8KB (8K x 8)	8KB (8K x 8)	8KB (8K x 8)	4KB (4K x 8)
Oscillator Type	Internal	Internal	Internal	Internal
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
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
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)
Program Memory Type	FLASH	FLASH	FLASH	FLASH
EEPROM Size	640 x 8	640 x 8	640 x 8	640 x 8
RAM Size	1K x 8	1K x 8	1K x 8	1K x 8

STM8AF6223PAU Datasheet PDF

Download STM8AF6223PAU pdf datasheets and STMicroelectronics documentation for STM8AF6223PAU - STMicroelectronics.

PCN Packaging

Moisture Barrier Bag 09/May/2016.pdf

PCN Obsolescence/ EOL

Mult Dev EOL 29/Oct/2021.pdf

HTML Datasheet

📄 STM8AF62xx(A) Datasheet.pdf

📄 STM8S, STM8AF Programming Manual.pdf

PCN Assembly/Origin

📄 STM8AF62xx 03/Nov/2022.pdf

◼ Customers Also Interested in

Recommended Products

STM8AF6226TASSSY	**STM8AF6189TA**	**STM8AF6168TA**	**STM8AF6166TC**	**STM8AF6226TAY**	**STM8AF6178TCSSS**
STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
IC MCU 8BIT 8KB FLASH 32LQFP				IC MCU 8BIT 8KB FLASH 32LQFP	

STM8AF6166TAY	**STM8AF6213PCU**	**STM8AF6223PCU**	**STM8AF6169TCSSS**	**STM8AF6223PCAX**	**STM8AF6223PCX**
STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
	IC MCU 8BIT 4KB FLASH 20TSSOP	IC MCU 8BIT 8KB FLASH 20TSSOP		IC MCU 8BIT 8KB FLASH 20TSSOP	IC MCU 8BIT 8KB FLASH 20TSSOP

STM8AF6226TASSS	**STM8AF6226TC**	**STM8AF6223PAX**	**STM8AF6213PDU**	**STM8AF6166TB**	**STM8AF6178TBSSS**
STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
		IC MCU 8BIT 8KB FLASH 20TSSOP	IC MCU 8BIT 4KB FLASH 20TSSOP		

◼ 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.

EAST WEST BANK · MasterCard · VISA · WESTERN UNION · 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

ISO ISO 13485:2016 MEDICAL DEVICES QUALITY MANAGEMENT | ISO 9001:2015 CERTIFIED COMPANY | ISO 14001:2015 CERTIFIED COMPANY

ISO 28000:2007 SUPPLY CHAIN SECURITY MANAGEMENT | IPC Member | SMTA Surface Mount Technology Association

View More