



ST7FOXA0M6 Information



For Reference Only

Part Number ST7FOXA0M6

Manufacturer STMicroelectronics

Category Integrated Circuits (ICs)
Embedded - Microcontrollers

Description IC MCU 8BIT 2KB FLASH 8SOIC **Package** 8-SOIC (0.154", 3.90mm Width)

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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ST7FOXA0M6 Specifications

Manufacturer Part Number STFFOXAOM6 Manufacturer STMicroelectronics Category Integrated Circuits (ICs) Embedded - Microcontrollers Package 8-SOIC (0.154", 3.90mm Width) Series ST7 Core Processor ST7 Core Size 8-Bit Speed 8MHz Connectivity - Peripherals LVD, POR, PWM, WDT Number of I/O 5 Program Memory Size 2KB (2K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 128 x 8 Voltage - Supply (Vcc/Vdd) 4.5 V ~ 5.5 V Data Converters A/D 5x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	•	
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Speed8MHzConnectivity-PeripheralsLVD, POR, PWM, WDTNumber of I/O5Program Memory Size2KB (2K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size128 x 8Voltage - Supply (Vcc/Vdd)4.5 V ~ 5.5 VData ConvertersA/D 5x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Core Processor	ST7
Connectivity - Connectivity - Peripherals LVD, POR, PWM, WDT Number of I/O 5 Program Memory Size 2KB (2K x 8) Program Memory Type FLASH EEPROM Size - CRAM Size 128 x 8 Voltage - Supply (Vcc/Vdd) 4.5 V ~ 5.5 V Data Converters A/D 5x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package	Core Size	8-Bit
Peripherals Number of I/O 5 Program Memory Size 2KB (2K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 128 x 8 Voltage - Supply (Vcc/Vdd) Data Converters A/D 5x10b Oscillator Type Internal Operating Temperature 4-0°C ~ 85°C (TA) Mounting Type - Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package	Speed	8MHz
Number of I/O Program Memory Size 2KB (2K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 128 x 8 Voltage - Supply (Vcc/Vdd) At 5 V ~ 5.5 V Data Converters A/D 5x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package	Connectivity	-
Program Memory Size 2KB (2K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 128 x 8 Voltage - Supply (Vcc/Vdd) 4.5 V ~ 5.5 V Data Converters A/D 5x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package	Peripherals	LVD, POR, PWM, WDT
Program Memory Type FLASH EEPROM Size - RAM Size 128 x 8 Voltage - Supply (Vcc/Vdd) 4.5 V ~ 5.5 V Data Converters A/D 5x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package	Number of I/O	5
EEPROM Size - 128 x 8 Voltage - Supply (Vcc/Vdd) 4.5 V ~ 5.5 V Data Converters A/D 5x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Program Memory Size	2KB (2K x 8)
RAM Size Voltage - Supply (Vcc/Vdd) 4.5 V ~ 5.5 V Data Converters A/D 5x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package	Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd) $4.5 \text{ V} \sim 5.5 \text{ V}$ Data Converters $A/D 5x10b$ Oscillator TypeInternalOperating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C} \text{ (TA)}$ Mounting Type-Package / Case8-SOIC $(0.154^{\circ}, 3.90 \text{mm Width})$ Supplier Device Package8-SOIC	EEPROM Size	-
Data Converters $A/D 5x10b$ Oscillator TypeInternalOperating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (TA)Mounting Type-Package / Case 8-SOIC (0.154", 3.90mm Width)Supplier Device Package 8-SOIC	RAM Size	128 x 8
Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Voltage - Supply (Vcc/Vdd)	4.5 V ~ 5.5 V
Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Data Converters	A/D 5x10b
Mounting Type - Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Oscillator Type	Internal
Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package 8-SOIC	Mounting Type	-
	Package / Case	8-SOIC (0.154", 3.90mm Width)
Report errors?	Supplier Device Package	8-SOIC
		Report errors?

ST7FOXA0M6 Guarantees



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Service Guarantees

We guarantee 100% customer satisfaction.

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ST7FOXA0M6 Payment Methods



















ST7FOXA0M6 Shipping Methods













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