



## **ST7FOXU0M6 Information**



For Reference Only

Part Number ST7FOXU0M6

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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# **Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









Manufacturer Part Number         STFFOXU0M6           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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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	Series	ST7
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 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	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  4-40°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 V $\sim$ 5.5 V Data Converters A/D 5x10b Internal Operating Temperature -40°C $\sim$ 85°C (TA) Mounting Type - Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package	EEPROM Size	-
Data Converters $A/D 5x10b$ Oscillator TypeInternalOperating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (TA)Mounting Type-Package / Case $8\text{-SOIC}$ (0.154", 3.90mm Width)Supplier Device Package $8\text{-SOIC}$	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?

### **ST7FOXU0M6** Guarantees



#### **Quality Guarantees**

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



#### **Service Guarantees**

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

## ST7FOXU0M6 Payment Methods





















## ST7FOXU0M6 Shipping Methods













If you have any question about ST7FOXU0M6, please do not hesitate to contact us!

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