



ST7FLITE20F2M6 Information



For Reference Only

Part Number ST7FLITE20F2M6

Manufacturer STMicroelectronics

Category Integrated Circuits (ICs)
Embedded - Microcontrollers

DescriptionIC MCU 8BIT 8KB FLASH 20SOIC**Package**20-SOIC (0.295", 7.50mm Width)

For the pricing/inventory/lead time, please contact

us

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



Request a Quote

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.









ST7FLITE20F2M6 Specifications

Manufacturer Part Number ST7FLITE20F2M6 Manufacturer STMicroelectronics Category Integrated Circuits (ICs) Embedded - Microcontrollers Package 20-SOIC (0.295", 7.50mm Width) Series ST7 Core Processor ST7 Core Size 8-Bit Speed 8MHz Connectivity SPI Peripherals LVD, POR, PWM, WDT Number of I/O 15 Program Memory Size 8KB (8K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 384 x 8 Voltage - Supply (Vcc/Vdd) 2.4 V ~ 5.5 V Data Converters A/D 7x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 20-SOIC (0.295", 7.50mm Width) Supplier Device Package Report errors?	•	
Category Integrated Circuits (ICs) Embedded - Microcontrollers Package 20-SOIC (0.295", 7.50mm Width) Series ST7 Core Processor ST7 Core Size 8-Bit Speed 8MHz Connectivity SPI Peripherals LVD, POR, PWM, WDT Number of I/O 15 Program Memory Size 8KB (8K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 384 x 8 Voltage - Supply (Vcc/Vdd) 2.4 V ~ 5.5 V Data Converters A/D 7x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 20-SOIC (0.295", 7.50mm Width) Supplier Device Package -	Manufacturer Part Number	ST7FLITE20F2M6
Package 20-SOIC (0.295", 7.50mm Width) Series ST7 Core Processor ST7 Core Size 8-Bit Speed 8MHz Connectivity SPI Peripherals LVD, POR, PWM, WDT Number of I/O 15 Program Memory Size 8KB (8K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 384 x 8 Voltage - Supply (Vcc/Vdd) 2.4 V ~ 5.5 V Data Converters A/D 7x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 20-SOIC (0.295", 7.50mm Width) Supplier Device Package -	Manufacturer	STMicroelectronics
Package 20-SOIC (0.295", 7.50mm Width) Series ST7 Core Processor ST7 Core Size 8-Bit Speed 8MHz Connectivity SPI Peripherals LVD, POR, PWM, WDT Number of I/O 15 Program Memory Size 8KB (8K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 384 x 8 Voltage - Supply (Vcc/Vdd) 2.4 V ~ 5.5 V Data Converters A/D 7x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 20-SOIC (0.295", 7.50mm Width) Supplier Device Package -	Category	Integrated Circuits (ICs)
Series ST7 Core Processor ST7 Core Size 8-Bit Speed 8MHz Connectivity SPI Peripherals LVD, POR, PWM, WDT Number of I/O 15 Program Memory Size 8KB (8K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 384 x 8 Voltage - Supply (Vcc/Vdd) 2.4 V ~ 5.5 V Data Converters A/D 7x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 20-SOIC (0.295", 7.50mm Width) Supplier Device Package -		Embedded - Microcontrollers
Core Processor ST7 Core Size 8-Bit Speed 8MHz Connectivity SPI Peripherals LVD, POR, PWM, WDT Number of I/O 15 Program Memory Size 8KB (8K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 384 x 8 Voltage - Supply (Vcc/Vdd) 2.4 V ~ 5.5 V Data Converters A/D 7x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 20-SOIC (0.295", 7.50mm Width) Supplier Device Package -	Package	20-SOIC (0.295", 7.50mm Width)
Core Size 8-Bit Speed 8MHz Connectivity SPI Peripherals LVD, POR, PWM, WDT Number of I/O 15 Program Memory Size 8KB (8K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 384 x 8 Voltage - Supply (Vcc/Vdd) 2.4 V ~ 5.5 V Data Converters A/D 7x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 20-SOIC (0.295", 7.50mm Width) Supplier Device Package -	Series	ST7
Speed8MHzConnectivitySPIPeripheralsLVD, POR, PWM, WDTNumber of I/O15Program Memory Size8KB (8K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size384 x 8Voltage - Supply (Vcc/Vdd)2.4 V ~ 5.5 VData ConvertersA/D 7x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case20-SOIC (0.295", 7.50mm Width)Supplier Device Package-	Core Processor	ST7
Connectivity Peripherals LVD, POR, PWM, WDT Number of I/O 15 Program Memory Size 8KB (8K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 384 x 8 Voltage - Supply (Vcc/Vdd) 2.4 V ~ 5.5 V Data Converters A/D 7x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type Package / Case 20-SOIC (0.295", 7.50mm Width) Supplier Device Package -	Core Size	8-Bit
Peripherals Number of I/O 15 Program Memory Size 8KB (8K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 384 x 8 Voltage - Supply (Vcc/Vdd) 2.4 V ~ 5.5 V Data Converters A/D 7x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 20-SOIC (0.295", 7.50mm Width) Supplier Device Package - LVD, POR, PWM, WDT 15 15 16 17 18 18 18 18 19 19 10 10 11 11 12 13 14 15 15 16 17 18 18 18 18 18 18 18 18 18	Speed	8MHz
Number of I/O Program Memory Size 8KB (8K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 384 x 8 Voltage - Supply (Vcc/Vdd) 2.4 V ~ 5.5 V Data Converters A/D 7x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 20-SOIC (0.295", 7.50mm Width) Supplier Device Package -	Connectivity	SPI
Program Memory Size Program Memory Type FLASH EEPROM Size - RAM Size Voltage - Supply (Vcc/Vdd) 2.4 V ~ 5.5 V Data Converters A/D 7x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 20-SOIC (0.295", 7.50mm Width) Supplier Device Package -	Peripherals	LVD, POR, PWM, WDT
Program Memory Type FLASH EEPROM Size - RAM Size 384 x 8 Voltage - Supply (Vcc/Vdd) 2.4 V ~ 5.5 V Data Converters A/D 7x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 20-SOIC (0.295", 7.50mm Width) Supplier Device Package -	Number of I/O	15
EEPROM Size - 384 x 8 Voltage - Supply (Vcc/Vdd) 2.4 V ~ 5.5 V Data Converters A/D 7x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 20-SOIC (0.295", 7.50mm Width) Supplier Device Package -	Program Memory Size	8KB (8K x 8)
RAM Size 384 x 8 Voltage - Supply (Vcc/Vdd) 2.4 V ~ 5.5 V Data Converters A/D 7x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 20-SOIC (0.295", 7.50mm Width) Supplier Device Package -	Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd)2.4 V ~ 5.5 VData ConvertersA/D 7x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case20-SOIC (0.295", 7.50mm Width)Supplier Device Package-	EEPROM Size	-
Data Converters A/D 7x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 20-SOIC (0.295", 7.50mm Width) Supplier Device Package -	RAM Size	384 x 8
Oscillator Type Internal -40°C ~ 85°C (TA) Mounting Type - Package / Case 20-SOIC (0.295", 7.50mm Width) Supplier Device Package -	Voltage - Supply (Vcc/Vdd)	2.4 V ~ 5.5 V
Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 20-SOIC (0.295", 7.50mm Width) Supplier Device Package -	Data Converters	A/D 7x10b
Mounting Type - Package / Case 20-SOIC (0.295", 7.50mm Width) Supplier Device Package -	Oscillator Type	Internal
Package / Case 20-SOIC (0.295", 7.50mm Width) Supplier Device Package -	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package -	Mounting Type	-
	Package / Case	20-SOIC (0.295", 7.50mm Width)
Report errors?	Supplier Device Package	-
		Report errors?

ST7FLITE20F2M6 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.

ST7FLITE20F2M6 Payment Methods





















ST7FLITE20F2M6 Shipping Methods













If you have any question about ST7FLITE20F2M6, please do not hesitate to contact us!

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