



### C8051F527-C-IM Information

Heisener.com

Part Number C8051F527-C-IM Manufacturer Silicon Labs

Category Integrated Circuits (ICs)
Embedded - Microcontrollers

**Description** IC MCU 8BIT 2KB FLASH 10DFN

Package 10-VFDFN Exposed Pad

For the pricing/inventory/lead time, please contact

us

For Reference Only

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



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# **Certified Quality**

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## C8051F527-C-IM Specifications

Manufacturer Part Number         C8051F527-C-IM           Manufacturer         Silicon Labs           Category         Integrated Circuits (ICs)           Embedded - Microcontrollers           Package         10-VFDFN Exposed Pad           Series         C8051F52x           Core Processor         851           Core Size         8-Bit           Speed         25MHz           Connectivity         SPI, UART/USART           Peripherals         Brown-out Detect/Reset, POR, PWM, Temp Sensor, WDT           Number of I/O         6           Program Memory Size         2KB (2K x 8)           Program Memory Type         FLASH           EEPROM Size         -           RAM Size         256 x 8           Voltage - Supply (Vcc/Vdd)         2 V ~ 5.25 V           Data Converters         A/D 6x12b           Oscillator Type         Internal           Operating Temperature         -40°C ~ 125°C (TA)           Mounting Type         -           Package / Case         10-VFDFN Exposed Pad           Supplier Device Package         -           Report errors?	•		
Category         Integrated Circuits (ICs)           Embedded - Microcontrollers           Package         10-VFDFN Exposed Pad           Series         C8051F52x           Core Processor         8051           Core Size         8-Bit           Speed         25MHz           Connectivity         SPI, UART/USART           Peripherals         Brown-out Detect/Reset, POR, PWM, Temp Sensor, WDT           Number of I/O         6           Program Memory Size         2KB (2K x 8)           Program Memory Type         FLASH           EEPROM Size         -           RAM Size         256 x 8           Voltage - Supply (Vcc/Vdd)         2 V ~ 5.25 V           Data Converters         A/D 6x12b           Oscillator Type         Internal           Operating Temperature         -40°C ~ 125°C (TA)           Mounting Type         -           Package / Case         10-VFDFN Exposed Pad           Supplier Device Package         -	Manufacturer Part Number	C8051F527-C-IM	
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Speed25MHzConnectivitySPI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PWM, Temp Sensor, WDTNumber of I/O6Program Memory Size2KB (2K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size256 x 8Voltage - Supply (Vcc/Vdd)2 V ~ 5.25 VData ConvertersA/D 6x12bOscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case10-VFDFN Exposed PadSupplier Device Package-	Core Processor	8051	
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Voltage - Supply (Vcc/Vdd)2 V ~ 5.25 VData ConvertersA/D 6x12bOscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case10-VFDFN Exposed PadSupplier Device Package-	EEPROM Size	-	
Data Converters  A/D 6x12b  Oscillator Type  Internal  Operating Temperature  -40°C ~ 125°C (TA)  Mounting Type  - Package / Case  10-VFDFN Exposed Pad  Supplier Device Package  -	RAM Size	256 x 8	
Oscillator Type Internal Operating Temperature -40°C ~ 125°C (TA)  Mounting Type - Package / Case 10-VFDFN Exposed Pad Supplier Device Package -	Voltage - Supply (Vcc/Vdd)	2 V ~ 5.25 V	
Operating Temperature -40°C ~ 125°C (TA)  Mounting Type - Package / Case 10-VFDFN Exposed Pad  Supplier Device Package -	Data Converters	A/D 6x12b	
Mounting Type - Package / Case 10-VFDFN Exposed Pad Supplier Device Package -	Oscillator Type	Internal	
Package / Case 10-VFDFN Exposed Pad Supplier Device Package -	Operating Temperature	-40°C ~ 125°C (TA)	
Supplier Device Package -	Mounting Type	-	
	Package / Case	10-VFDFN Exposed Pad	
Report errors?	Supplier Device Package	-	
			Report errors?

#### C8051F527-C-IM 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.

### C8051F527-C-IM Payment Methods



















### C8051F527-C-IM Shipping Methods













If you have any question about C8051F527-C-IM, please do not hesitate to contact us!

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