

C8051F120 Information



For Reference Only

Part Number [C8051F120](#)
Manufacturer Silicon Labs
Category Integrated Circuits (ICs)
[Embedded - Microcontrollers](#)
Description IC MCU 8BIT 128KB FLASH 100TQFP
Package 100-TQFP
 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.



C8051F120 Specifications

Manufacturer Part Number	C8051F120
Manufacturer	Silicon Labs
Category	Integrated Circuits (ICs) Embedded - Microcontrollers
Package	100-TQFP
Series	C8051F12x
Core Processor	8051
Core Size	8-Bit
Speed	100MHz
Connectivity	EBI/EMI, SMBus (2-Wire/I2C), SPI, UART/USART
Peripherals	Brown-out Detect/Reset, POR, PWM, Temp Sensor, WDT
Number of I/O	64
Program Memory Size	128KB (128K x 8)
Program Memory Type	FLASH
EEPROM Size	-
RAM Size	8.25K x 8
Voltage - Supply (Vcc/Vdd)	3 V ~ 3.6 V
Data Converters	A/D 8x8b, 8x12b; D/A 2x12b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)
Mounting Type	-
Package / Case	100-TQFP
Supplier Device Package	100-TQFP (14x14)

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C8051F120 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.

C8051F120 Payment Methods



C8051F120 Shipping Methods



If you have any question about C8051F120, please do not hesitate to contact us!

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