

C8051F544-IQ

C8051F544-IQ Information

www.hersener.com	Part Number	C8051F544-IQ	
	Manufacturer	Silicon Labs	
	Category	Integrated Circuits (ICs) Embedded - Microcontrollers	
	Description	IC MCU 8BIT 8KB FLASH 32LQFP	
	Package	32-LQFP	
11-0		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

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.



C8051F544-IQ Specifications

Manufacturer Part Number C8051F544-IQ	C8051F544-IQ	
Manufacturer Silicon Labs	Silicon Labs	
Category Integrated Circuits (ICs)		
Embedded - Microcontrollers		
Package 32-LQFP	32-LQFP	
Series C8051F54x	C8051F54x	
Core Processor 8051	8051	
Core Size 8-Bit	8-Bit	
Speed 50MHz	50MHz	
Connectivity SMBus (2-Wire/I2C), LIN, SPI, UART/USART	SMBus (2-Wire/I2C), LIN, SPI, UART/USART	
Peripherals POR, PWM, Temp Sensor, WDT	POR, PWM, Temp Sensor, WDT	
Number of I/O 25		
Program Memory Size 8KB (8K x 8)		
Program Memory Type FLASH		
EEPROM Size -		
RAM Size 1.25K x 8		
Voltage - Supply (Vcc/Vdd)1.8 V ~ 5.25 V		
Data ConvertersA/D 25x12b		
Oscillator Type Internal		
Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ (TA)		
Mounting Type -		
Package / Case 32-LQFP		
Supplier Device Package32-LQFP (7x7)		
	Report errors?	

C8051F544-IQ Guarantees



Quality Guarantees

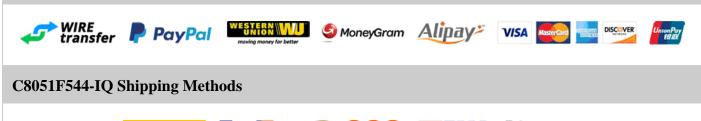
We provide 90 days warranty. * If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.

SERVICE UARANTEE

Service Guarantees

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

C8051F544-IQ Payment Methods





If you have any question about C8051F544-IQ, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com