

C8051F042-GQ Information



For Reference Only

Part Number C8051F042-GQ **Manufacturer** Silicon Labs

Category Integrated Circuits (ICs)
Embedded - Microcontrollers

Description IC MCU 8BIT 64KB FLASH 100TQFP

Package 100-TQFI

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.









C8051F042-GQ Specifications

Manufacturer Part Number	C8051F042-GQ	
Manufacturer	Silicon Labs	
Category	Integrated Circuits (ICs)	
	Embedded - Microcontrollers	
Package	100-TQFP	
Series	C8051F04x	
Core Processor	8051	
Core Size	8-Bit	
Speed	25MHz	
Connectivity	CAN, 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	64KB (64K x 8)	
Program Memory Type	FLASH	
EEPROM Size	-	
RAM Size	4.25K x 8	
Voltage - Supply (Vcc/Vdd)	2.7 V ~ 3.6 V	
Data Converters	A/D 8x8b, 13x10b; D/A 2x10b, 2x12b	
Oscillator Type	Internal	
Operating Temperature	-40°C ~ 85°C (TA)	
Mounting Type	-	
Package / Case	100-TQFP	
Supplier Device Package	100-TQFP (14x14)	
		Report errors?

C8051F042-GQ 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.

C8051F042-GQ Payment Methods



















C8051F042-GQ Shipping Methods













If you have any question about C8051F042-GQ, please do not hesitate to contact us!

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