

C8051F001-GQR Information


For Reference Only

Part Number [C8051F001-GQR](#)
Manufacturer Silicon Labs
Category Integrated Circuits (ICs)
[Embedded - Microcontrollers](#)
Description IC MCU 8BIT 32KB FLASH 48QFP
Package 48-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.


C8051F001-GQR Specifications

| | |
|----------------------------|--|
| Manufacturer Part Number | C8051F001-GQR |
| Manufacturer | Silicon Labs |
| Category | Integrated Circuits (ICs) Embedded - Microcontrollers |
| Package | 48-TQFP |
| Series | C8051F00x |
| Core Processor | 8051 |
| Core Size | 8-Bit |
| Speed | 20MHz |
| Connectivity | SMBus (2-Wire/I2C), SPI, UART/USART |
| Peripherals | Brown-out Detect/Reset, POR, PWM, Temp Sensor, WDT |
| Number of I/O | 16 |
| Program Memory Size | 32KB (32K x 8) |
| Program Memory Type | FLASH |
| EEPROM Size | - |
| RAM Size | 256 x 8 |
| Voltage - Supply (Vcc/Vdd) | 2.7 V ~ 3.6 V |
| Data Converters | A/D 8x12b, D/A 2x12b |
| Oscillator Type | Internal |
| Operating Temperature | -40°C ~ 85°C (TA) |
| Mounting Type | - |
| Package / Case | 48-TQFP |
| Supplier Device Package | 48-QFP (7x7) |

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C8051F001-GQR 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.

C8051F001-GQR Payment Methods



C8051F001-GQR Shipping Methods



If you have any question about C8051F001-GQR, please do not hesitate to contact us!

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