## C8051F565-IQR Information

| | |
|---|---|
| **Part Number** | C8051F565-IQR |
| **Manufacturer** | Silicon Labs |
| **Category** | Integrated Circuits (ICs) Embedded - Microcontrollers |
| **Description** | IC MCU 8BIT 16KB FLASH 32LQFP |
| **Package** | 32-LQFP |

For the pricing/inventory/lead time, please contact us
Website: https://www.heisener.com
E-mail: salesdept@heisener.com

For Reference Only

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.

## C8051F565-IQR Specifications

| | |
|---|---|
| Manufacturer Part Number | C8051F565-IQR |
| Manufacturer | Silicon Labs |
| Category | Integrated Circuits (ICs) |
| | Embedded - Microcontrollers |
| Package | 32-LQFP |
| Series | C8051F56x |
| Core Processor | 8051 |
| Core Size | 8-Bit |
| Speed | 50MHz |
| Connectivity | SMBus (2-Wire/I2C), CAN, SPI, UART/USART |
| Peripherals | POR, PWM, Temp Sensor, WDT |
| Number of I/O | 25 |
| Program Memory Size | 16KB (16K x 8) |
| Program Memory Type | FLASH |
| EEPROM Size | - |
| RAM Size | 2.25K x 8 |
| Voltage - Supply (Vcc/Vdd) | 1.8 V ~ 5.25 V |
| Data Converters | A/D 25x12b |
| Oscillator Type | Internal |
| Operating Temperature | -40°C ~ 125°C (TA) |
| Mounting Type | - |
| Package / Case | 32-LQFP |
| Supplier Device Package | 32-LQFP (7x7) |

Report errors?

## C8051F565-IQR 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.

## C8051F565-IQR Payment Methods

## C8051F565-IQR Shipping Methods

If you have any question about C8051F565-IQR, please do not hesitate to contact us!
Website: https://www.heisener.com
E-mail: salesdept@heisener.com