

**EFM32TG222F16-QFP48T Information**


For Reference Only

**Part Number** [EFM32TG222F16-QFP48T](#)  
**Manufacturer** Silicon Labs  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** IC MCU 32BIT 16KB FLASH 48TQFP  
**Package** 48-TQFP  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto: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.


**EFM32TG222F16-QFP48T Specifications**

|                            |  |
|----------------------------|--|
| Manufacturer Part Number   | <a href="#">EFM32TG222F16-QFP48T</a>                                     |
| Manufacturer               | Silicon Labs   |
| Category                   | Integrated Circuits (ICs)<br><a href="#">Embedded - Microcontrollers</a> |
| Package                    | 48-TQFP  |
| Series                     | Tiny Gecko   |
| Core Processor             | ARM? Cortex?-M3  |
| Core Size                  | 32-Bit   |
| Speed                      | 32MHz  |
| Connectivity               | I2C, IrDA, SmartCard, SPI, UART/USART                                    |
| Peripherals                | Brown-out Detect/Reset, DMA, I2S, POR, PWM, WDT                          |
| Number of I/O              | 37   |
| Program Memory Size        | 16KB (16K x 8)   |
| Program Memory Type        | FLASH  |
| EEPROM Size                | -  |
| RAM Size                   | 4K x 8   |
| Voltage - Supply (Vcc/Vdd) | 1.85 V ~ 3.8 V   |
| Data Converters            | A/D 4x12b, D/A 1x12b   |
| Oscillator Type            | Internal   |
| Operating Temperature      | -40°C ~ 85°C (TA)  |
| Mounting Type              | -  |
| Package / Case             | 48-TQFP  |
| Supplier Device Package    | 48-TQFP (7x7)  |

[Report errors?](#)

## EFM32TG222F16-QFP48T 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.

## EFM32TG222F16-QFP48T Payment Methods



## EFM32TG222F16-QFP48T Shipping Methods



If you have any question about EFM32TG222F16-QFP48T, please do not hesitate to contact us!

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E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)