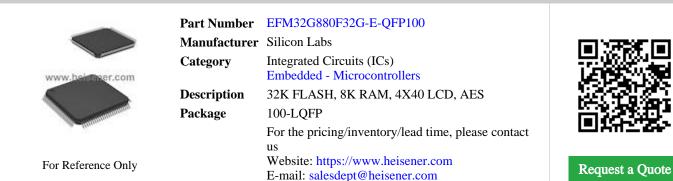


# EFM32G880F32G-E-QFP100

# EFM32G880F32G-E-QFP100 Information



# **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.



# EFM32G880F32G-E-QFP100 Specifications

| Manufacturer Part Number   | EFM32G880F32G-E-QFP100                                      |                |
|----------------------------|---|----------------|
| Manufacturer               | Silicon Labs  |                |
| Category                   | Integrated Circuits (ICs)                                   |                |
|                            | Embedded - Microcontrollers                                 |                |
| Package                    | 100-LQFP  |                |
| Series                     | Gecko   |                |
| Core Processor             | ARM® Cortex®-M3   |                |
| Core Size                  | 32-Bit  |                |
| Speed                      | 32MHz   |                |
| Connectivity               | EBI/EMI, I <sup>2</sup> C, IrDA, SmartCard, SPI, UART/USART |                |
| Peripherals                | Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT             |                |
| Number of I/O              | 86  |                |
| Program Memory Size        | 32KB (32K x 8)  |                |
| Program Memory Type        | FLASH   |                |
| EEPROM Size                | -   |                |
| RAM Size                   | 8K x 8  |                |
| Voltage - Supply (Vcc/Vdd) | 1.98 V ~ 3.8 V  |                |
| Data Converters            | A/D 8x12b, D/A 2x12b  |                |
| Oscillator Type            | Internal  |                |
| Operating Temperature      | -40°C ~ 85°C (TA)   |                |
| Mounting Type              | -   |                |
| Package / Case             | 100-LQFP  |                |
| Supplier Device Package    | 100-LQFP (14x14)  |                |
|                            |   | Report errors? |

## EFM32G880F32G-E-QFP100 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.

### EFM32G880F32G-E-QFP100 Payment Methods



If you have any question about EFM32G880F32G-E-QFP100, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com