

EFM32TG11B140F64GQ48-A



SILICON LABS



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Part Number: [EFM32TG11B140F64GQ48-A](#)

Manufacturer: [Energy Micro \(Silicon Labs\)](#)

Description: TINY GECKO 11 ULTRA LOW POWER

Data sheet:  [EFM32TG11 Family Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

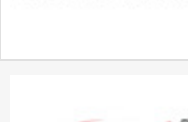
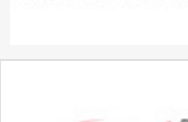
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                           |                                  |                                                                                    |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | EFM32TG11B140F64GQ48-A                    | Manufacturer                     | <a href="#">Energy Micro (Silicon Labs)</a>                                        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | TINY GECKO 11 ULTRA LOW POWER             | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                         |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 51171 pcs                                 | Data sheet                       | <a href="#">EFM32TG11 Family Datasheet</a>                                         |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)       | 1.8 V ~ 3.8 V                                                                      |
| Speed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 48MHz                                     | Series                           | Tiny Gecko 1                                                                       |
| RAM Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 32K x 8                                   | Program Memory Type              | FLASH                                                                              |
| Program Memory Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 64KB (64K x 8)                            | Peripherals                      | Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT                                    |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Internal                                  | Operating Temperature            | -40°C ~ 85°C (TA)                                                                  |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 37                                        | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                      |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 6 Weeks                                   | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                         |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -                                         | Detailed Description             | ARM® Cortex®-M0+ Tiny Gecko 1 Microcontroller IC 32-Bit 48MHz 64KB (64K x 8) FLASH |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | A/D 12bit SAR, D/A 12bit                  | Core Size                        | 32-Bit                                                                             |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | ARM® Cortex®-M0+                          | Connectivity                     | CANbus, I²C, IrDA, LINbus, SmartCard, SPI, UART/USART                              |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Energy Micro (Silicon Labs) series electronic components. We have 51171 pieces of Energy Micro (Silicon Labs) EFM32TG11B140F64GQ48-A in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                           |                                  |                                                                                    |

| RELATED PRODUCTS                                                                                           |                                                                                                 |                                                            |                |
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