



EFM32TG11B320F128GQ48-AR

|                     |                                                                                                                |
|---------------------|----------------------------------------------------------------------------------------------------------------|
| Part Number:        | EFM32TG11B320F128GQ48-AR                                                                                       |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                    |
| Product description | TINY GECKO 11 ULTRA LOW POWER                                                                                  |
| Datasheets:         |  EFM32TG11B320F128GQ48-AR.pdf |
| RoHs Status         |  Lead free / RoHS Compliant   |
| Stock Condition     | 40325 pcs stock                                                                                                |
| Ship From           | Hong Kong                                                                                                      |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                          |

REQUEST FOR QUOTATION

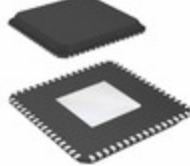
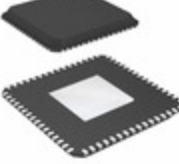
Specifications of EFM32TG11B320F128GQ48-AR

|                                  |                                                                                                                  |
|----------------------------------|------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EFM32TG11B320F128GQ48-AR                                                                                         |
| MANUFACTURER                     | Energy Micro (Silicon Labs)                                                                                      |
| DESCRIPTION                      | TINY GECKO 11 ULTRA LOW POWER                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                       |
| QUANTITY AVAILABLE               | 40325 pcs                                                                                                        |
| DATA SHEET                       |  EFM32TG11B320F128GQ48-AR.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 3.8 V                                                                                                    |
| SUPPLIER DEVICE PACKAGE          | 48-TQFP (7x7)                                                                                                    |
| SPEED                            | 48MHz                                                                                                            |
| SERIES                           | Tiny Gecko 1                                                                                                     |
| RAM SIZE                         | 32K x 8                                                                                                          |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                            |
| PROGRAM MEMORY SIZE              | 128KB (128K x 8)                                                                                                 |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, I²S, LCD, POR, PWM, WDT                                                             |
| PACKAGING                        | Tape & Reel (TR)                                                                                                 |
| PACKAGE / CASE                   | 48-TQFP                                                                                                          |
| OSCILLATOR TYPE                  | Internal                                                                                                         |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                |
| NUMBER OF I/O                    | 37                                                                                                               |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                       |
| EEPROM SIZE                      | -                                                                                                                |
| DETAILED DESCRIPTION             | ARM® Cortex®-M0+ Tiny Gecko 1 Microcontroller IC 32-Bit 48MHz 128KB (128K x 8) FLASH 48-TQFP (7x7)               |
| 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                                                            |

Related Tags

|                                                      |                                             |                                                          |
|------------------------------------------------------|---------------------------------------------|----------------------------------------------------------|
| Energy Micro (Silicon Labs) EFM32TG11B320F128GQ48-AR | EFM32TG11B320F128GQ48-AR Distributor        | EFM32TG11B320F128GQ48-AR Supplier                        |
| EFM32TG11B320F128GQ48-AR Price                       | EFM32TG11B320F128GQ48-AR Pictures           | EFM32TG11B320F128GQ48-AR Image                           |
| EFM32TG11B320F128GQ48-AR PDF Datasheet               | EFM32TG11B320F128GQ48-AR Download Datasheet | EFM32TG11B320F128GQ48-AR Datasheet                       |
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| Silicon Laboratories EFM32TG11B320F128GQ48-AR        | Silicon Labs EFM32TG11B320F128GQ48-AR       |                                                          |

Related Products

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| <div><div>EFM32TG11B140F64IQ48-AR</div><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: TINY GECKO 11 ULTRA LOW POWER<br/>In stock: 42839 pcs</div><div>RFQ</div></div>  | <div><div>EFM32TG11B320F128GQ64-AR</div><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: TINY GECKO 11 ULTRA LOW POWER<br/>In stock: 40566 pcs</div><div>RFQ</div></div> |
| <div><div>EFM32TG11B320F128IQ48-AR</div><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: TINY GECKO 11 ULTRA LOW POWER<br/>In stock: 31837 pcs</div><div>RFQ</div></div> | <div><div>EFM32TG11B320F128GQ48-A</div><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: TINY GECKO 11 ULTRA LOW POWER<br/>In stock: 39526 pcs</div><div>RFQ</div></div>  |
| <div><div>EFM32TG11B320F128IQ48-A</div><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: TINY GECKO 11 ULTRA LOW POWER<br/>In stock: 35578 pcs</div><div>RFQ</div></div>  | <div><div>EFM32TG11B320F128IM64-A</div><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: TINY GECKO 11 ULTRA LOW POWER<br/>In stock: 35057 pcs</div><div>RFQ</div></div>  |
| <div><div>EFM32TG11B320F128GM64-AR</div><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: TINY GECKO 11 ULTRA LOW POWER<br/>In stock: 38166 pcs</div><div>RFQ</div></div> | <div><div>EFM32TG11B320F128GQ64-A</div><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: TINY GECKO 11 ULTRA LOW POWER<br/>In stock: 34938 pcs</div><div>RFQ</div></div>  |
| <div><div>EFM32TG11B140F64IQ64-A</div><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: TINY GECKO 11 ULTRA LOW POWER<br/>In stock: 34379 pcs</div><div>RFQ</div></div>   | <div><div>EFM32TG11B140F64IQ64-AR</div><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: TINY GECKO 11 ULTRA LOW POWER<br/>In stock: 40863 pcs</div><div>RFQ</div></div>  |
| <div><div>EFM32TG11B320F128IM64-AR</div><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: TINY GECKO 11 ULTRA LOW POWER<br/>In stock: 32131 pcs</div><div>RFQ</div></div> | <div><div>EFM32TG11B320F128GM64-A</div><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: TINY GECKO 11 ULTRA LOW POWER<br/>In stock: 30973 pcs</div><div>RFQ</div></div>  |