



SILICON LABS

Energy Micro (Silicon Labs)



|                     |                                                                                                               |
|---------------------|---------------------------------------------------------------------------------------------------------------|
| Part Number:        | EFM32TG11B520F128IQ64-A                                                                                       |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                   |
| Product description | TINY GECKO 11 ULTRA LOW POWER                                                                                 |
| Datasheets:         |  EFM32TG11B520F128IQ64-A.pdf |
| RoHs Status         |  Lead free / RoHS Compliant  |
| Stock Condition     | 36518 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                     |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                         |

REQUEST FOR QUOTATION

Specifications of EFM32TG11B520F128IQ64-A

|                                  |                                                                                                                 |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EFM32TG11B520F128IQ64-A                                                                                         |
| MANUFACTURER                     | Energy Micro (Silicon Labs)                                                                                     |
| DESCRIPTION                      | TINY GECKO 11 ULTRA LOW POWER                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                      |
| QUANTITY AVAILABLE               | 36518 pcs                                                                                                       |
| DATA SHEET                       |  EFM32TG11B520F128IQ64-A.pdf |
| 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              | 128KB (128K x 8)                                                                                                |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, I²S, LCD, POR, PWM, WDT                                                            |
| OSCILLATOR TYPE                  | Internal                                                                                                        |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TJ)                                                                                              |
| NUMBER OF I/O                    | 50                                                                                                              |
| 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                            |
| 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

|                                                     |                                            |                                                         |
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| Energy Micro (Silicon Labs) EFM32TG11B520F128IQ64-A | EFM32TG11B520F128IQ64-A Distributor        | EFM32TG11B520F128IQ64-A Supplier                        |
| EFM32TG11B520F128IQ64-A Price                       | EFM32TG11B520F128IQ64-A Pictures           | EFM32TG11B520F128IQ64-A Image                           |
| EFM32TG11B520F128IQ64-A PDF Datasheet               | EFM32TG11B520F128IQ64-A Download Datasheet | EFM32TG11B520F128IQ64-A Datasheet                       |
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| Silicon Laboratories EFM32TG11B520F128IQ64-A        | Silicon Labs EFM32TG11B520F128IQ64-A       |                                                         |

Related Products

|                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                     |
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| <div><div>SILICON LABS</div></div> <div>EFM32TG11B520F128IQ80-AR</div> <div>Manufacturers: Energy Micro (Silicon Labs)</div> <div>Description: TINY GECKO 11 ULTRA LOW POWER</div> <div>In stock: 31796 pcs</div> <div>RFQ</div> | <div><div>SILICON LABS</div></div> <div>EFM32TG11B520F128IQ64-AR</div> <div>Manufacturers: Energy Micro (Silicon Labs)</div> <div>Description: TINY GECKO 11 ULTRA LOW POWER</div> <div>In stock: 37642 pcs</div> <div>RFQ</div> |
| <div><div>SILICON LABS</div></div> <div>EFM32TG11B540F64GM32-A</div> <div>Manufacturers: Energy Micro (Silicon Labs)</div> <div>Description: TINY GECKO 11 ULTRA LOW POWER</div> <div>In stock: 54360 pcs</div> <div>RFQ</div>   | <div><div>SILICON LABS</div></div> <div>EFM32TG11B520F128IM64-AR</div> <div>Manufacturers: Energy Micro (Silicon Labs)</div> <div>Description: TINY GECKO 11 ULTRA LOW POWER</div> <div>In stock: 38177 pcs</div> <div>RFQ</div> |
| <div><div>SILICON LABS</div></div> <div>EFM32TG11B520F128IQ48-AR</div> <div>Manufacturers: Energy Micro (Silicon Labs)</div> <div>Description: TINY GECKO 11 ULTRA LOW POWER</div> <div>In stock: 32915 pcs</div> <div>RFQ</div> | <div><div>SILICON LABS</div></div> <div>EFM32TG11B540F64GM32-AR</div> <div>Manufacturers: Energy Micro (Silicon Labs)</div> <div>Description: TINY GECKO 11 ULTRA LOW POWER</div> <div>In stock: 40635 pcs</div> <div>RFQ</div>  |
| <div><div>SILICON LABS</div></div> <div>EFM32TG11B520F128IM80-AR</div> <div>Manufacturers: Energy Micro (Silicon Labs)</div> <div>Description: TINY GECKO 11 ULTRA LOW POWER</div> <div>In stock: 28089 pcs</div> <div>RFQ</div> | <div><div>SILICON LABS</div></div> <div>EFM32TG11B540F64GM64-A</div> <div>Manufacturers: Energy Micro (Silicon Labs)</div> <div>Description: TINY GECKO 11 ULTRA LOW POWER</div> <div>In stock: 47296 pcs</div> <div>RFQ</div>   |
| <div><div>SILICON LABS</div></div> <div>EFM32TG11B520F128IQ48-A</div> <div>Manufacturers: Energy Micro (Silicon Labs)</div> <div>Description: TINY GECKO 11 ULTRA LOW POWER</div> <div>In stock: 32351 pcs</div> <div>RFQ</div>  | <div><div>SILICON LABS</div></div> <div>EFM32TG11B520F128IM64-A</div> <div>Manufacturers: Energy Micro (Silicon Labs)</div> <div>Description: TINY GECKO 11 ULTRA LOW POWER</div> <div>In stock: 37995 pcs</div> <div>RFQ</div>  |
| <div><div>SILICON LABS</div></div> <div>EFM32TG11B520F128IM80-A</div> <div>Manufacturers: Energy Micro (Silicon Labs)</div> <div>Description: TINY GECKO 11 ULTRA LOW POWER</div> <div>In stock: 29378 pcs</div> <div>RFQ</div>  | <div><div>SILICON LABS</div></div> <div>EFM32TG11B520F128IQ80-A</div> <div>Manufacturers: Energy Micro (Silicon Labs)</div> <div>Description: TINY GECKO 11 ULTRA LOW POWER</div> <div>In stock: 32247 pcs</div> <div>RFQ</div>  |