



SILICON LABS

Energy Micro (Silicon Labs)



EFM32TG11B140F64GQ64-AR

|                     |                                                                                                               |
|---------------------|---------------------------------------------------------------------------------------------------------------|
| Part Number:        | EFM32TG11B140F64GQ64-AR                                                                                       |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                   |
| Product description | TINY GECKO 11 ULTRA LOW POWER                                                                                 |
| Datasheets:         |  EFM32TG11B140F64GQ64-AR.pdf |
| RoHs Status         |  Lead free / RoHS Compliant  |
| Stock Condition     | 39714 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                     |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                         |

REQUEST FOR QUOTATION

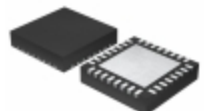
Specifications of EFM32TG11B140F64GQ64-AR

|                                  |                                                                                                                 |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EFM32TG11B140F64GQ64-AR                                                                                         |
| MANUFACTURER                     | Energy Micro (Silicon Labs)                                                                                     |
| DESCRIPTION                      | TINY GECKO 11 ULTRA LOW POWER                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                      |
| QUANTITY AVAILABLE               | 39714 pcs                                                                                                       |
| DATA SHEET                       |  EFM32TG11B140F64GQ64-AR.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 3.8 V                                                                                                   |
| SUPPLIER DEVICE PACKAGE          | 64-TQFP (10x10)                                                                                                 |
| 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                                                                 |
| PACKAGING                        | Tape & Reel (TR)                                                                                                |
| PACKAGE / CASE                   | 64-TQFP                                                                                                         |
| OSCILLATOR TYPE                  | Internal                                                                                                        |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                               |
| NUMBER OF I/O                    | 53                                                                                                              |
| 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 64KB (64K x 8) FLASH 64-TQFP (10x10)              |
| 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) EFM32TG11B140F64GQ64-AR | EFM32TG11B140F64GQ64-AR Distributor        | EFM32TG11B140F64GQ64-AR Supplier                        |
| EFM32TG11B140F64GQ64-AR Price                       | EFM32TG11B140F64GQ64-AR Pictures           | EFM32TG11B140F64GQ64-AR Image                           |
| EFM32TG11B140F64GQ64-AR PDF Datasheet               | EFM32TG11B140F64GQ64-AR Download Datasheet | EFM32TG11B140F64GQ64-AR Datasheet                       |
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| Silicon Laboratories EFM32TG11B140F64GQ64-AR        | Silicon Labs EFM32TG11B140F64GQ64-AR       |                                                         |

Related Products

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| <div><div>SILICON LABS</div></div> <div><b>EFM32TG11B140F64GQ48-A</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: TINY GECKO 11 ULTRA LOW POWER<br/>In stock: 45611 pcs<br/><div>RFQ</div></div>  | <div><div>SILICON LABS</div></div> <div><b>EFM32TG11B140F64IQ48-AR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: TINY GECKO 11 ULTRA LOW POWER<br/>In stock: 42839 pcs<br/><div>RFQ</div></div>    |
| <div><div>SILICON LABS</div></div> <div><b>EFM32TG11B140F64GQ64-A</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: TINY GECKO 11 ULTRA LOW POWER<br/>In stock: 34592 pcs<br/><div>RFQ</div></div>  | <div><div>SILICON LABS</div></div> <div><b>EFM32TG11B140F64IM64-A</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: TINY GECKO 11 ULTRA LOW POWER<br/>In stock: 36458 pcs<br/><div>RFQ</div></div>     |
| <div><div>SILICON LABS</div></div> <div><b>EFM32TG11B140F64IM64-AR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: TINY GECKO 11 ULTRA LOW POWER<br/>In stock: 35407 pcs<br/><div>RFQ</div></div> | <div><div>SILICON LABS</div></div> <div><b>EFM32TG11B140F64GQ48-AR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: TINY GECKO 11 ULTRA LOW POWER<br/>In stock: 49876 pcs<br/><div>RFQ</div></div>    |
| <div><div>SILICON LABS</div></div> <div><b>EFM32TG11B140F64GM32-AR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: TINY GECKO 11 ULTRA LOW POWER<br/>In stock: 53875 pcs<br/><div>RFQ</div></div> | <div><div>SILICON LABS</div></div> <div><b>EFM32TG11B140F64IM32-AR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: TINY GECKO 11 ULTRA LOW POWER MC<br/>In stock: 47715 pcs<br/><div>RFQ</div></div> |
| <div><div>SILICON LABS</div></div> <div><b>EFM32TG11B140F64GM64-A</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: TINY GECKO 11 ULTRA LOW POWER<br/>In stock: 37632 pcs<br/><div>RFQ</div></div>  | <div><div>SILICON LABS</div></div> <div><b>EFM32TG11B140F64IQ48-A</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: TINY GECKO 11 ULTRA LOW POWER<br/>In stock: 44529 pcs<br/><div>RFQ</div></div>     |
| <div><div>SILICON LABS</div></div> <div><b>EFM32TG11B140F64GM64-AR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: TINY GECKO 11 ULTRA LOW POWER<br/>In stock: 35683 pcs<br/><div>RFQ</div></div> | <div><div>SILICON LABS</div></div> <div><b>EFM32TG11B140F64IM32-A</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: TINY GECKO 11 ULTRA LOW POWER MC<br/>In stock: 42383 pcs<br/><div>RFQ</div></div>  |