



Energy Micro (Silicon Labs)



EFM32ZG210F32-QFN32

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | EFM32ZG210F32-QFN32                                                                                          |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                  |
| Product description | IC MCU 32BIT 32KB FLASH 32QFN                                                                                |
|                     |  1.EFM32ZG210F32-QFN32.pdf  |
|                     |  2.EFM32ZG210F32-QFN32.pdf  |
|                     |  3.EFM32ZG210F32-QFN32.pdf  |
|                     |  4.EFM32ZG210F32-QFN32.pdf  |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 63432 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

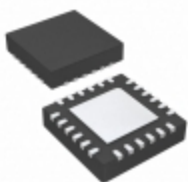
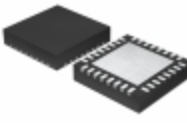
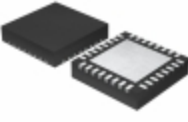
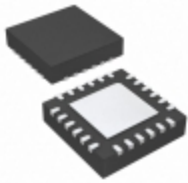
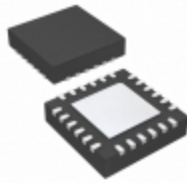
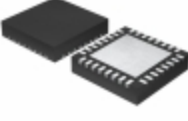
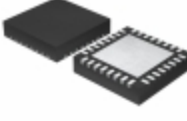
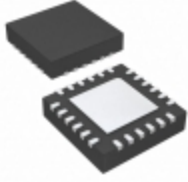
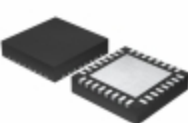
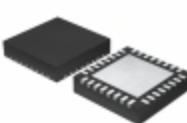
Specifications of EFM32ZG210F32-QFN32

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EFM32ZG210F32-QFN32                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| MANUFACTURER                     | Energy Micro (Silicon Labs)                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| DESCRIPTION                      | IC MCU 32BIT 32KB FLASH 32QFN                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| QUANTITY AVAILABLE               | 63432 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| DATA SHEET                       |  1.EFM32ZG210F32-QFN32.pdf<br> 2.EFM32ZG210F32-QFN32.pdf<br> 3.EFM32ZG210F32-QFN32.pdf<br> 4.EFM32ZG210F32-QFN32.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.85 V ~ 3.8 V                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| SUPPLIER DEVICE PACKAGE          | 32-QFN (6x6)                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| SPEED                            | 24MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| SERIES                           | Zero Gecko                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| RAM SIZE                         | 4K x 8                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| PROGRAM MEMORY SIZE              | 32KB (32K x 8)                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT                                                                                                                                                                                                                                                                                                                                                                                                                  |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| PACKAGE / CASE                   | 32-VQFN Exposed Pad                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| OTHER NAMES                      | 336-2577-2                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| NUMBER OF I/O                    | 24                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| EEPROM SIZE                      | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| DETAILED DESCRIPTION             | ARM® Cortex®-M0+ Zero Gecko Microcontroller IC 32-Bit 24MHz 32KB (32K x 8) FLASH 32-QFN (6x6)                                                                                                                                                                                                                                                                                                                                                                    |
| DATA CONVERTERS                  | A/D 4x12b, D/A 1x12b                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| CORE SIZE                        | 32-Bit                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| CORE PROCESSOR                   | ARM® Cortex®-M0+                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| CONNECTIVITY                     | EBI/EMI, I²C, IrDA, SmartCard, SPI, UART/USART                                                                                                                                                                                                                                                                                                                                                                                                                   |

Related Tags

|                                                 |                                        |                                                     |
|-------------------------------------------------|----------------------------------------|-----------------------------------------------------|
| Energy Micro (Silicon Labs) EFM32ZG210F32-QFN32 | EFM32ZG210F32-QFN32 Distributor        | EFM32ZG210F32-QFN32 Supplier                        |
| EFM32ZG210F32-QFN32 Price                       | EFM32ZG210F32-QFN32 Pictures           | EFM32ZG210F32-QFN32 Image                           |
| EFM32ZG210F32-QFN32 PDF Datasheet               | EFM32ZG210F32-QFN32 Download Datasheet | EFM32ZG210F32-QFN32 Datasheet                       |
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| Silicon Laboratories EFM32ZG210F32-QFN32        | Silicon Labs EFM32ZG210F32-QFN32       |                                                     |

Related Products

|                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>EFM32ZG110F8-QFN24</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 8KB FLASH 24QFN<br/>In stock: 107691 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>EFM32ZG210F16-QFN32T</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 16KB FLASH 32QFN<br/>In stock: 58198 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>EFM32ZG210F8-QFN32</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 8KB FLASH 32QFN<br/>In stock: 91284 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>EFM32ZG210F4-QFN32T</b><br/>Manufacturers: Silicon Labs<br/>Description: IC MCU 32BIT 4KB FLASH 32QFN<br/>In stock: 90796 pcs<br/><div>RFQ</div></div>                  |
| <div></div> <div><b>EFM32ZG110F8-QFN24T</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 8KB FLASH 24QFN<br/>In stock: 84457 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>EFM32ZG110F4-QFN24</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 4KB FLASH 24QFN<br/>In stock: 106147 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>EFM32ZG210F8-QFN32T</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 8KB FLASH 32QFN<br/>In stock: 83495 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>EFM32ZG210F32-QFN32T</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 32KB FLASH 32QFN<br/>In stock: 60420 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>EFM32ZG110F4-QFN24T</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 4KB FLASH 24QFN<br/>In stock: 97964 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>EFM32ZG222F16-QFP48</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 16KB FLASH 48TQFP<br/>In stock: 43367 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>EFM32ZG210F4-QFN32</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 4KB FLASH 32QFN<br/>In stock: 81838 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>EFM32ZG210F16-QFN32</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 16KB FLASH 32QFN<br/>In stock: 87269 pcs<br/><div>RFQ</div></div>  |