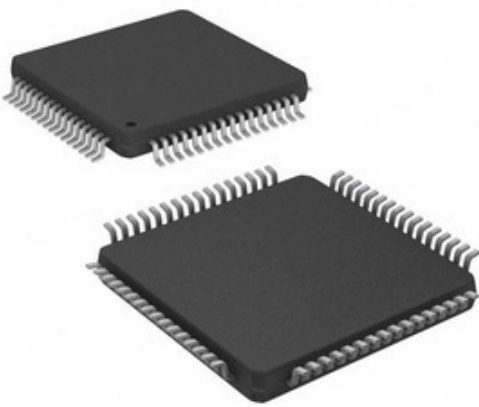




Energy Micro (Silicon Labs)



SIM3L156-C-GQ

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | SIM3L156-C-GQ                                                                                                |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                  |
| Product description | IC MCU 32BIT 128KB FLASH 64TQFP                                                                              |
|                     | <a href="#">PDF</a> 1.SIM3L156-C-GQ.pdf                                                                      |
|                     | <a href="#">PDF</a> 2.SIM3L156-C-GQ.pdf                                                                      |
|                     | <a href="#">PDF</a> 3.SIM3L156-C-GQ.pdf                                                                      |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

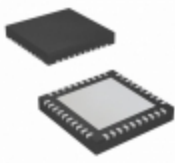
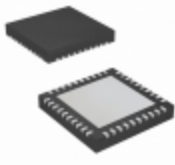
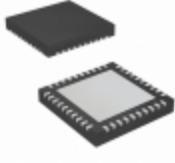
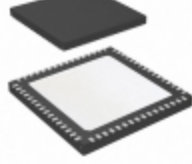
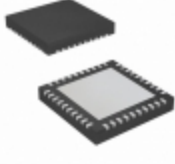
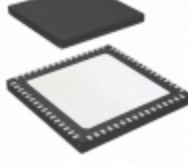
Specifications of SIM3L156-C-GQ

|                                  |                                                                                                                               |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | SIM3L156-C-GQ                                                                                                                 |
| MANUFACTURER                     | Energy Micro (Silicon Labs)                                                                                                   |
| DESCRIPTION                      | IC MCU 32BIT 128KB FLASH 64TQFP                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                    |
| DATA SHEET                       | <a href="#">PDF</a> 1.SIM3L156-C-GQ.pdf<br><a href="#">PDF</a> 2.SIM3L156-C-GQ.pdf<br><a href="#">PDF</a> 3.SIM3L156-C-GQ.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 3.8 V                                                                                                                 |
| SUPPLIER DEVICE PACKAGE          | 64-TQFP (10x10)                                                                                                               |
| SPEED                            | 50MHz                                                                                                                         |
| SERIES                           | SiM3L1xx                                                                                                                      |
| RAM SIZE                         | 32K x 8                                                                                                                       |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                         |
| PROGRAM MEMORY SIZE              | 128KB (128K x 8)                                                                                                              |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT                                                                               |
| PACKAGING                        | Tray                                                                                                                          |
| PACKAGE / CASE                   | 64-TQFP                                                                                                                       |
| OTHER NAMES                      | 336-2339<br>SIM3L156-B-GQ<br>SIM3L156CGQ                                                                                      |
| OSCILLATOR TYPE                  | Internal                                                                                                                      |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                             |
| NUMBER OF I/O                    | 51                                                                                                                            |
| MOISTURE SENSITIVITY LEVEL (MSL) | 2 (1 Year)                                                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                    |
| EEPROM SIZE                      | -                                                                                                                             |
| DETAILED DESCRIPTION             | ARM® Cortex®-M3 SiM3L1xx Microcontroller IC 32-Bit 50MHz 128KB (128K x 8) FLASH 64-TQFP (10x10)                               |
| DATA CONVERTERS                  | A/D 23x10/12b, D/A 1x10b                                                                                                      |
| CORE SIZE                        | 32-Bit                                                                                                                        |
| CORE PROCESSOR                   | ARM® Cortex®-M3                                                                                                               |
| CONNECTIVITY                     | I²C, IrDA, SmartCard, SPI, UART/USART                                                                                         |

Related Tags

|                                           |                                      |                                               |
|-------------------------------------------|--------------------------------------|-----------------------------------------------|
| Energy Micro (Silicon Labs) SIM3L156-C-GQ | SIM3L156-C-GQ Distributor            | SIM3L156-C-GQ Supplier                        |
| SIM3L156-C-GQ Price                       | SIM3L156-C-GQ Pictures               | SIM3L156-C-GQ Image                           |
| SIM3L156-C-GQ PDF Datasheet               | SIM3L156-C-GQ Download Datasheet     | SIM3L156-C-GQ Datasheet                       |
| SIM3L156-C-GQ Stock                       | Buy SIM3L156-C-GQ                    | Buy Energy Micro (Silicon Labs) SIM3L156-C-GQ |
| Energy Micro (Silicon Labs) SIM3L156-C-GQ | Energy Micro (Silicon Labs) Supplier | Energy Micro (Silicon Labs) Distributor       |
| Energy Micro (Silicon Labs) SIM3L156-C-GQ | Energy Micro SIM3L156-C-GQ           | Energy Micro (Silicon Labs) SIM3L156-C-GQ     |
| Silicon Laboratories SIM3L156-C-GQ        | Silicon Labs SIM3L156-C-GQ           |                                               |

Related Products

|                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>SIM3L164-C-GM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 256KB FLASH 40QFN<br/>In stock: 368 pcs<br/><div>RFQ</div></div>      | <div></div> <div><b>SIM3L156-C-GQR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 128KB FLASH 64TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>SIM3L164-C-GMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 256KB FLASH 40QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>   | <div></div> <div><b>SIM3L157-C-GQ</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 128KB FLASH 80TQFP<br/>In stock: 16 pcs<br/><div>RFQ</div></div>     |
| <div></div> <div><b>SIM3L157-C-GQR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 128KB FLASH 80TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  | <div></div> <div><b>SIM3L146-C-GQ</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 64KB FLASH 64TQFP<br/>In stock: 169 pcs<br/><div>RFQ</div></div>     |
| <div></div> <div><b>SIM3L146-C-GQR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 64KB FLASH 64TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>   | <div></div> <div><b>SIM3L154-C-GMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 128KB FLASH 40QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
| <div></div> <div><b>SIM3L156-C-GMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 128KB FLASH 80QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>   | <div></div> <div><b>SIM3L154-C-GM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 128KB FLASH 40QFN<br/>In stock: 8 pcs<br/><div>RFQ</div></div>       |
| <div></div> <div><b>SIM3L157-C-GLR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 128KB FLASH 80TFBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>SIM3L156-C-GM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 128KB FLASH 40QFN<br/>In stock: 6 pcs<br/><div>RFQ</div></div>       |