

SIM3L156-C-GQ



SILICON LABS



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Part Number: [SIM3L156-C-GQ](#)

Manufacturer: [Energy Micro \(Silicon Labs\)](#)

Description: IC MCU 32BIT 128KB FLASH 64TQFP

Data sheet:  [SIM3L1xx Reference Manual](#)  
 [SIM3L1xx Rev C Errata](#)  
 [SiM3L1xx Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

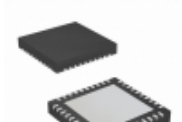
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                 |                                  |                                                                                                                          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|----------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | SIM3L156-C-GQ                                                                                   | Manufacturer                     | <a href="#">Energy Micro (Silicon Labs)</a>                                                                              |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | IC MCU 32BIT 128KB FLASH 64TQFP                                                                 | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                               |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 11921 pcs                                                                                       | Data sheet                       | <a href="#">SIM3L1xx Reference Manual</a><br><a href="#">SIM3L1xx Rev C Errata</a><br><a href="#">SiM3L1xx Datasheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <a href="#">Integrated Circuits (ICs)</a>                                                       | 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                                                           |                                  |                                                                                                                          |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Energy Micro (Silicon Labs) series electronic components. We have 11921 pieces of Energy Micro (Silicon Labs) SIM3L156-C-GQ in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                                                                                 |                                  |                                                                                                                          |

| RELATED PRODUCTS                                                                   |                                                                                        |                                                            |                |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|------------------------------------------------------------|----------------|
|  | Part#: <a href="#">SIM3L146-C-GQ</a><br>Description: IC MCU 32BIT 64KB FLASH 64TQFP    | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SIM3L166-C-GQ</a><br>Description: IC MCU 32BIT 256KB FLASH 64TQFP   | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SIM3L166-C-GQR</a><br>Description: IC MCU 32BIT 256KB FLASH 64TQFP  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SIM3L146-C-GM</a><br>Description: IC MCU 32BIT 64KB FLASH 64QFN     | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SIM3L164-C-GMR</a><br>Description: IC MCU 32BIT 256KB FLASH 40QFN   | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SIM3L164-C-GM</a><br>Description: IC MCU 32BIT 256KB FLASH 40QFN    | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SIM3L156-C-GMR</a><br>Description: IC MCU 32BIT 128KB FLASH 64QFN   | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SIM3L157-C-GQ</a><br>Description: IC MCU 32BIT 128KB FLASH 80TQFP   | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SIM3L154-C-GMR</a><br>Description: IC MCU 32BIT 128KB FLASH 40QFN   | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SIM3L166-C-GM</a><br>Description: IC MCU 32BIT 256KB FLASH 64QFN    | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SIM3L154-C-GM</a><br>Description: IC MCU 32BIT 128KB FLASH 40QFN    | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SIM3L156-C-GM</a><br>Description: IC MCU 32BIT 128KB FLASH 64QFN    | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SIM3L166-C-GMR</a><br>Description: IC MCU 32BIT 256KB FLASH 64QFN   | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SIM3L157-C-GLR</a><br>Description: IC MCU 32BIT 128KB FLASH 80TFBGA | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SIM3L144-C-GM</a><br>Description: IC MCU 32BIT 64KB FLASH 40QFN     | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SIM3L146-C-GQR</a><br>Description: IC MCU 32BIT 64KB FLASH 64TQFP   | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SIM3L146-C-GMR</a><br>Description: IC MCU 32BIT 64KB FLASH 64QFN    | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SIM3L144-C-GMR</a><br>Description: IC MCU 32BIT 64KB FLASH 40QFN    | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SIM3L157-C-GQR</a><br>Description: IC MCU 32BIT 128KB FLASH 80TQFP  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SIM3L156-C-GQR</a><br>Description: IC MCU 32BIT 128KB FLASH 64TQFP  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |

Related keywords for **SIM3L156-C-GQ**

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| Energy Micro (Silicon Labs) SIM3L156-C-GQ | SIM3L156-C-GQ distributor  | SIM3L156-C-GQ supplier                    | SIM3L156-C-GQ price                |
| SIM3L156-C-GQ download datasheet          | SIM3L156-C-GQ datasheet    | SIM3L156-C-GQ stock                       | buy SIM3L156-C-GQ                  |
| 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                |                            |                                           |                                    |

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