



Energy Micro (Silicon Labs)



SIM3U154-B-GM

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | SIM3U154-B-GM                                                                                                |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                  |
| Product description | IC MCU 32BIT 128KB FLASH 40QFN                                                                               |
| Datasheets:         |  SIM3U154-B-GM.pdf          |
| 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.

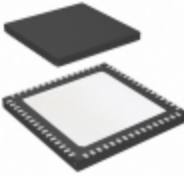
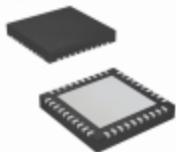
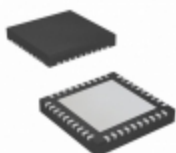
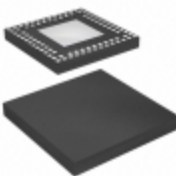
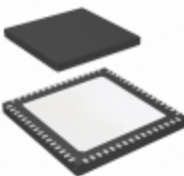
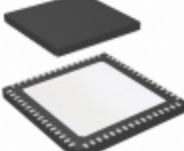
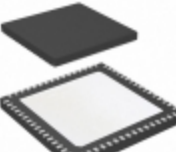
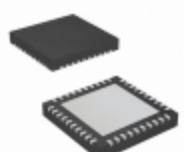
Specifications of SIM3U154-B-GM

|                                  |                                                                                                       |
|----------------------------------|-------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | SIM3U154-B-GM                                                                                         |
| MANUFACTURER                     | Energy Micro (Silicon Labs)                                                                           |
| DESCRIPTION                      | IC MCU 32BIT 128KB FLASH 40QFN                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                            |
| DATA SHEET                       |  SIM3U154-B-GM.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 3.6 V                                                                                         |
| SUPPLIER DEVICE PACKAGE          | 40-QFN (6x6)                                                                                          |
| SPEED                            | 80MHz                                                                                                 |
| SERIES                           | Sim3U1xx                                                                                              |
| RAM SIZE                         | 32K x 8                                                                                               |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                 |
| PROGRAM MEMORY SIZE              | 128KB (128K x 8)                                                                                      |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT                                                       |
| PACKAGING                        | Tray                                                                                                  |
| PACKAGE / CASE                   | 40-VFQFN Exposed Pad                                                                                  |
| OTHER NAMES                      | 336-2208<br>SIM3U154BGM                                                                               |
| OSCILLATOR TYPE                  | Internal                                                                                              |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                     |
| NUMBER OF I/O                    | 28                                                                                                    |
| MOISTURE SENSITIVITY LEVEL (MSL) | 2 (1 Year)                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                            |
| EEPROM SIZE                      | -                                                                                                     |
| DETAILED DESCRIPTION             | ARM® Cortex®-M3 Sim3U1xx Microcontroller IC 32-Bit 80MHz 128KB (128K x 8) FLASH 40-QFN (6x6)          |
| DATA CONVERTERS                  | A/D 18x12b, D/A 2x10b                                                                                 |
| CORE SIZE                        | 32-Bit                                                                                                |
| CORE PROCESSOR                   | ARM® Cortex®-M3                                                                                       |
| CONNECTIVITY                     | I²C, IrDA, SmartCard, SPI, UART/USART, USB                                                            |
| BASE PART NUMBER                 | SIM3U1                                                                                                |

Related Tags

|                                           |                                      |                                               |
|-------------------------------------------|--------------------------------------|-----------------------------------------------|
| Energy Micro (Silicon Labs) SIM3U154-B-GM | SIM3U154-B-GM Distributor            | SIM3U154-B-GM Supplier                        |
| SIM3U154-B-GM Price                       | SIM3U154-B-GM Pictures               | SIM3U154-B-GM Image                           |
| SIM3U154-B-GM PDF Datasheet               | SIM3U154-B-GM Download Datasheet     | SIM3U154-B-GM Datasheet                       |
| SIM3U154-B-GM Stock                       | Buy SIM3U154-B-GM                    | Buy Energy Micro (Silicon Labs) SIM3U154-B-GM |
| Energy Micro (Silicon Labs) SIM3U154-B-GM | Energy Micro (Silicon Labs) Supplier | Energy Micro (Silicon Labs) Distributor       |
| Energy Micro (Silicon Labs) SIM3U154-B-GM | Energy Micro SIM3U154-B-GM           | Energy Micro (Silicon Labs) SIM3U154-B-GM     |
| Silicon Laboratories SIM3U154-B-GM        | Silicon Labs SIM3U154-B-GM           |                                               |

Related Products

|                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                            |
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| <div></div> <div><b>SIM3U146-B-GQ</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 64KB FLASH 64TQFP<br/>In stock: 60 pcs<br/><div>RFQ</div></div>     | <div></div> <div><b>SIM3U146-B-GM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 64KB FLASH 64QFN<br/>In stock: 49 pcs<br/><div>RFQ</div></div>       |
| <div></div> <div><b>SIM3U154-B-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>SIM3U156-B-GQ</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 128KB FLASH 64TQFP<br/>In stock: 11 pcs<br/><div>RFQ</div></div>     |
| <div></div> <div><b>SIM3U144-B-GMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 64KB FLASH 40QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>  | <div></div> <div><b>SIM3U156-B-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>SIM3U157-B-GM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 128KB FLASH 92LGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  | <div></div> <div><b>SIM3U156-B-GM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 128KB FLASH 64QFN<br/>In stock: 77 pcs<br/><div>RFQ</div></div>      |
| <div></div> <div><b>SIM3U146-B-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>SIM3U156-B-GMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 128KB FLASH 64QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
| <div></div> <div><b>SIM3U146-B-GMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 64KB FLASH 64QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>  | <div></div> <div><b>SIM3U144-B-GM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 64KB FLASH 40QFN<br/>In stock: 490 pcs<br/><div>RFQ</div></div>      |