




Energy Micro (Silicon Labs)

## SIM3U157-B-GQR

Part Number:	SIM3U157-B-GQR
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description:	IC MCU 32BIT 128KB FLASH 80TQFP
Datasheets:	<a href="#">SIM3U157-B-GQR.pdf</a>
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.

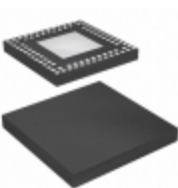
## Specifications of SIM3U157-B-GQR

PART NUMBER	SIM3U157-B-GQR
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 32BIT 128KB FLASH 80TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	<a href="#">SIM3U157-B-GQR.pdf</a>
VOLTAGE - SUPPLY (VCC/VDD)	1.8 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	80-TQFP (12x12)
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, I <sup>2</sup> S, POR, PWM, WDT
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	80-TQFP
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	65
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 80-TQFP (12x12)
DATA CONVERTERS	A/D 32x12b, D/A 2x10b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M3
CONNECTIVITY	EBI/EMI, I <sup>2</sup> C, IrDA, SmartCard, SPI, UART/USART, USB
BASE PART NUMBER	SIM3U1

## Related Tags

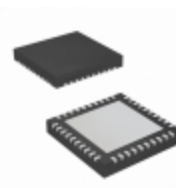
<a href="#">Energy Micro (Silicon Labs) SIM3U157-B-GQR</a>	<a href="#">SIM3U157-B-GQR Distributor</a>	<a href="#">SIM3U157-B-GQR Supplier</a>
<a href="#">SIM3U157-B-GQR Price</a>	<a href="#">SIM3U157-B-GQR Pictures</a>	<a href="#">SIM3U157-B-GQR Image</a>
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## Related Products



## SIM3U157-B-GMR

Manufacturers: Energy Micro (Silicon Labs)  
 Description: IC MCU 32BIT 128KB FLASH 92LGA  
 In stock: Out stock

[RFQ](#)


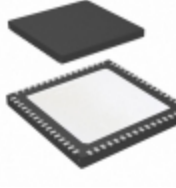
## SIM3U164-B-GMR

Manufacturers: Energy Micro (Silicon Labs)  
 Description: IC MCU 32BIT 256KB FLASH 40QFN  
 In stock: Out stock

[RFQ](#)

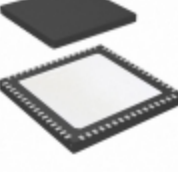

## SIM3U156-B-GQR

Manufacturers: Energy Micro (Silicon Labs)  
 Description: IC MCU 32BIT 128KB FLASH 64TQFP  
 In stock: Out stock

[RFQ](#)


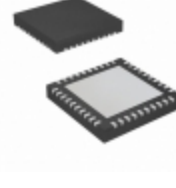
## SIM3U156-B-GMR

Manufacturers: Energy Micro (Silicon Labs)  
 Description: IC MCU 32BIT 128KB FLASH 64QFN  
 In stock: Out stock

[RFQ](#)


## SIM3U166-B-GMR

Manufacturers: Energy Micro (Silicon Labs)  
 Description: IC MCU 32BIT 256KB FLASH 64QFN  
 In stock: Out stock

[RFQ](#)


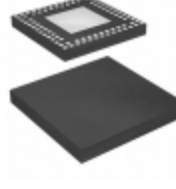
## SIM3U164-B-GM

Manufacturers: Energy Micro (Silicon Labs)  
 Description: IC MCU 32BIT 256KB FLASH 40QFN  
 In stock: 187 pcs

[RFQ](#)


## SIM3U156-B-GQ

Manufacturers: Energy Micro (Silicon Labs)  
 Description: IC MCU 32BIT 128KB FLASH 64TQFP  
 In stock: 11 pcs

[RFQ](#)


## SIM3U157-B-GM

Manufacturers: Energy Micro (Silicon Labs)  
 Description: IC MCU 32BIT 128KB FLASH 92LGA  
 In stock: Out stock

[RFQ](#)

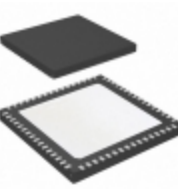

## SIM3U166-B-GQR

Manufacturers: Energy Micro (Silicon Labs)  
 Description: IC MCU 32BIT 256KB FLASH 64TQFP  
 In stock: Out stock

[RFQ](#)

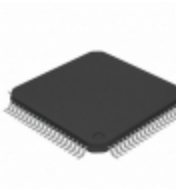

## SIM3U166-B-GQ

Manufacturers: Energy Micro (Silicon Labs)  
 Description: IC MCU 32BIT 256KB FLASH 64TQFP  
 In stock: 665 pcs

[RFQ](#)


## SIM3U166-B-GM

Manufacturers: Energy Micro (Silicon Labs)  
 Description: IC MCU 32BIT 256KB FLASH 64QFN  
 In stock: 331 pcs

[RFQ](#)


## SIM3U157-B-GQ

Manufacturers: Energy Micro (Silicon Labs)  
 Description: IC MCU 32BIT 128KB FLASH 80TQFP  
 In stock: 84 pcs

[RFQ](#)