

SIM3L157-C-GQ



SILICON LABS



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Part Number: [SIM3L157-C-GQ](#)

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

Description: IC MCU 32BIT 128KB FLASH 80TQFP

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

RoHs Status: Lead free / RoHS Compliant

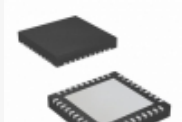
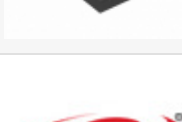
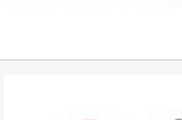
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Request For Quotation

PRODUCT PARAMETER			
Part Number	SIM3L157-C-GQ	Manufacturer	Energy Micro (Silicon Labs)
Description	IC MCU 32BIT 128KB FLASH 80TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	11659 pcs	Data sheet	SIM3L1xx Reference Manual SIM3L1xx Rev C Errata SiM3L1xx Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.8 V ~ 3.8 V
Supplier Device Package	80-TQFP (12x12)	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	80-TQFP	Other Names	336-2341 SIM3L157-B-GQ SIM3L157CGQ
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	62	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 80-TQFP (12x12)	Data Converters	A/D 24x10/12b, D/A 1x10b
Core Size	32-Bit	Core Processor	ARM® Cortex®-M3
Connectivity	I²C, IrDA, SmartCard, SPI, UART/USART		
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RELATED PRODUCTS			
	Part#: SIM3L157-C-GLR Description: IC MCU 32BIT 128KB FLASH 80TFBGA	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: SIM3L146-C-GMR Description: IC MCU 32BIT 64KB FLASH 64QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: SIM3L156-C-GQ Description: IC MCU 32BIT 128KB FLASH 64TQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: SIM3L154-C-GMR Description: IC MCU 32BIT 128KB FLASH 40QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: SIM3L156-C-GM Description: IC MCU 32BIT 128KB FLASH 64QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: SIM3L156-C-GQR Description: IC MCU 32BIT 128KB FLASH 64TQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: SIM3L146-C-GQR Description: IC MCU 32BIT 64KB FLASH 64TQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: SIM3L167-C-GLR Description: IC MCU 32BIT 256KB FLASH 80TFBGA	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: SIM3L167-C-GQ Description: IC MCU 32BIT 256KB FLASH 80TQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: SIM3L164-C-GMR Description: IC MCU 32BIT 256KB FLASH 40QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: SIM3L166-C-GQR Description: IC MCU 32BIT 256KB FLASH 64TQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: SIM3L167-C-GQR Description: IC MCU 32BIT 256KB FLASH 80TQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: SIM3L166-C-GM Description: IC MCU 32BIT 256KB FLASH 64QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: SIM3L156-C-GMR Description: IC MCU 32BIT 128KB FLASH 64QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: SIM3L166-C-GQ Description: IC MCU 32BIT 256KB FLASH 64TQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: SIM3L154-C-GM Description: IC MCU 32BIT 128KB FLASH 40QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: SIM3L157-C-GQR Description: IC MCU 32BIT 128KB FLASH 80TQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: SIM3L166-C-GMR Description: IC MCU 32BIT 256KB FLASH 64QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: SIM3L146-C-GQ Description: IC MCU 32BIT 64KB FLASH 64TQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: SIM3L164-C-GM Description: IC MCU 32BIT 256KB FLASH 40QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ

Related keywords for **SIM3L157-C-GQ**

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