

SIM3L157-C-GLR



SILICON LABS



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

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

Description: IC MCU 32BIT 128KB FLASH 80TFBGA

Data sheet:  [SiM3L1xx Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

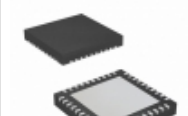
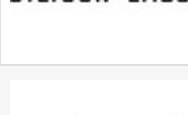
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PRODUCT PARAMETER			
Part Number	SIM3L157-C-GLR	Manufacturer	Energy Micro (Silicon Labs)
Description	IC MCU 32BIT 128KB FLASH 80TFBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5744 pcs	Data sheet	SiM3L1xx Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.8 V ~ 3.8 V
Supplier Device Package	80-TFBGA (5.5x5.5)	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	Tape & Reel (TR)
Package / Case	80-TFBGA	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-TFBGA (5.5x5.5)
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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	Part#: SIM3L154-C-GM Description: IC MCU 32BIT 128KB FLASH 40QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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	Part#: SIM3L156-C-GM Description: IC MCU 32BIT 128KB FLASH 64QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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	Part#: SIM3L164-C-GMR Description: IC MCU 32BIT 256KB FLASH 40QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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	Part#: SIM3L146-C-GMR Description: IC MCU 32BIT 64KB FLASH 64QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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	Part#: SIM3L166-C-GM Description: IC MCU 32BIT 256KB FLASH 64QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ

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