

SIM3L167-C-GLR



SILICON LABS



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Part Number: [SIM3L167-C-GLR](#)

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

Description: IC MCU 32BIT 256KB FLASH 80TFBGA

Data sheet:  [SIM3L1xx Reference Manual](#)
 [SIM3L1xx Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

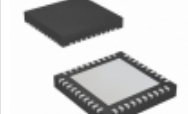
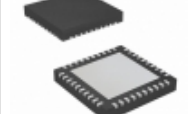
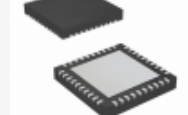
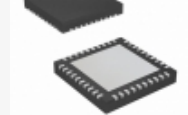
Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.
See Product Specifications for product details.
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Request For Quotation

PRODUCT PARAMETER			
Part Number	SIM3L167-C-GLR	Manufacturer	Energy Micro (Silicon Labs)
Description	IC MCU 32BIT 256KB FLASH 80TFBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5126 pcs	Data sheet	SIM3L1xx Reference Manual 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	256KB (256K 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 256KB (256K 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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RFQ Email: info@Components-World.com

RELATED PRODUCTS			
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	Part#: SIM3L164-C-GM Description: IC MCU 32BIT 256KB FLASH 40QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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	Part#: SIM3U136-B-GM Description: IC MCU 32BIT 32KB FLASH 64QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: SIM3L1XX-B-DK Description: KIT DEV SIM3L1XX	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: SIM3L157-C-GLR Description: IC MCU 32BIT 128KB FLASH 80TFBGA	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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