

SIM3C156-B-GMR



SILICON LABS



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Part Number:

SIM3C156-B-GMR

Manufacturer:

Energy Micro (Silicon Labs)

Description:

IC MCU 32BIT 128KB FLASH 64QFN

Data sheet:

 [SIM3C1xx Datasheet](#)

 [SIM3U1xx/SIM3C1xx Ref Manual](#)

 [SIM3C1xx UDP User Guide](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

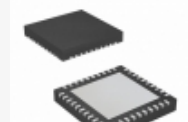
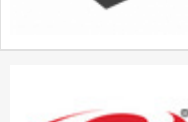
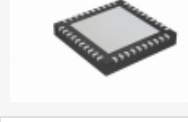
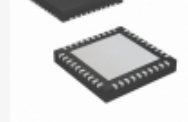
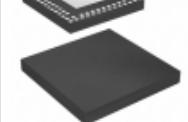
Shipment Way:

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

PRODUCT PARAMETER			
Part Number	SIM3C156-B-GMR	Manufacturer	Energy Micro (Silicon Labs)
Description	IC MCU 32BIT 128KB FLASH 64QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	13045 pcs	Data sheet	SIM3C1xx Datasheet SIM3U1xx/SIM3C1xx Ref Manual SiM3C1xx UDP User Guide
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.8 V ~ 3.6 V
Supplier Device Package	64-QFN (9x9)	Speed	80MHz
Series	SIM3C1xx	RAM Size	32K x 8
Program Memory Type	FLASH	Program Memory Size	128KB (128K x 8)
Peripherals	Brown-out Detect/Reset, DMA, I ² S, POR, PWM, WDT	Packaging	Tape & Reel (TR)
Package / Case	64-VFQFN Exposed Pad	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	50
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	ARM® Cortex®-M3 SiM3C1xx Microcontroller IC 32-Bit 80MHz 128KB (128K x 8) FLASH 64-QFN (9x9)
Data Converters	A/D 28x12b, D/A 2x10b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M3	Connectivity	EBI/EMI, I ² C, IrDA, SmartCard, SPI, UART/USART
Base Part Number	SIM3C1		
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 SILICON LABS	Part#: SIM3C166-B-GM Description: IC MCU 32BIT 256KB FLASH 64QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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 SILICON LABS	Part#: SIM3C157-B-GQ Description: IC MCU 32BIT 128KB FLASH 80TQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
 SILICON LABS	Part#: SIM3C164-B-GMR Description: IC MCU 32BIT 256KB FLASH 40QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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