



Image may be representation. See specifications for product details.

#### SIM3U136-B-GMR

Part Number: SIM3U136-B-GMR

Product Description: IC MCU 32BIT 32KB FLASH 64QFN

RoHs Status: Lead free / RoHS Compliant

Datasheets: SIM3U136-B-GMR.pdf

Manufacturer/Brand: Energy Micro (Silicon Labs)

Ship From: Hong Kong

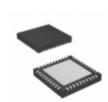
Shipment Way: DHL/Fedex/TNT/UPS/EMS

SUBMIT RFQ

#### **Product details**

Part Number	SIM3U136-B-GMR	Manufacturer	Energy Micro (Silicon Labs)
Description	IC MCU 32BIT 32KB FLASH 64QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Data sheet	SIM3U136-B-GMR.pdf		
Voltage - Supply (Vcc/Vdd)	1.8 V ~ 3.6 V	Supplier Device Package	64-QFN (9x9)
Speed	80MHz	Series	SiM3U1xx
RAM Size	8K x 8	Program Memory Type	FLASH
Program Memory Size	32KB (32K x 8)	Peripherals	Brown-out Detect/Reset, DMA, I2S, 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 SiM3U1xx Microcontroller IC 32-Bit 80MHz 32KB (32K 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 <sup>2</sup> C, IrDA, SmartCard, SPI, UART/USART, USB	Base Part Number	SIM3U1

#### **Related Products**



#### SIM3U134-B-GMR

Manufacturers: Energy Micro (Silicon Labs)

Description: IC MCU 32BIT 32KB FLASH 40QFN

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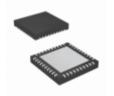
#### SIM3L1XX-B-DK

Manufacturers: Energy Micro (Silicon Labs)

Description: KIT DEV SIM3L1XX

Download: SIM3L1XX-B-DK.pdf

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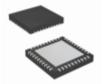
#### SIM3U144-B-GM

Manufacturers: Energy Micro (Silicon Labs)

Description: IC MCU 32BIT 64KB FLASH 40QFN

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#### SIM3U144-B-GMR

Manufacturers: Energy Micro (Silicon Labs)

Description: IC MCU 32BIT 64KB FLASH 40QFN

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# SIM3L1XXLCD-B-DK

Manufacturers: Energy Micro (Silicon Labs)

Description: KIT DEV SIM3L1XX LCD

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# SIM3U136-B-GQR

Manufacturers: Energy Micro (Silicon Labs)

Description: IC MCU 32BIT 32KB FLASH 64TQFP

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**RFQ** 



# SIM3U146-B-GM

Manufacturers: Energy Micro (Silicon Labs)

Description: IC MCU 32BIT 64KB FLASH 64QFN

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# SIM3U136-B-GQ

Manufacturers: Energy Micro (Silicon Labs)

Description: IC MCU 32BIT 32KB FLASH 64TQFP

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# SIM3U136-B-GM

Manufacturers: Energy Micro (Silicon Labs)

Description: IC MCU 32BIT 32KB FLASH 64QFN

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RFQ



# SIM3U146-B-GMR

Manufacturers: Energy Micro (Silicon Labs)

Description: IC MCU 32BIT 64KB FLASH 64QFN

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**RFQ** 



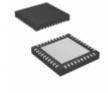
# SIM3L168-C-GM

Manufacturers: Energy Micro (Silicon Labs)

Description: IC MCU 32BIT 256KB FLASH 92LGA

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# SIM3U134-B-GM

Manufacturers: Energy Micro (Silicon Labs)

Description: IC MCU 32BIT 32KB FLASH 40QFN

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