



Energy Micro (Silicon Labs)



SIM3U164-B-GM

Part Number:	SIM3U164-B-GM
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	IC MCU 32BIT 256KB FLASH 40QFN
Datasheets:	 SIM3U164-B-GM.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

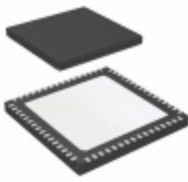
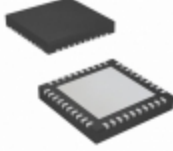
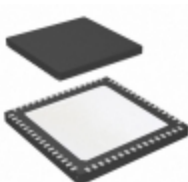
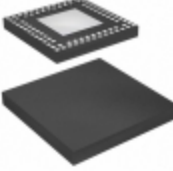
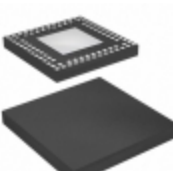
Specifications of SIM3U164-B-GM

PART NUMBER	SIM3U164-B-GM
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 32BIT 256KB FLASH 40QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 SIM3U164-B-GM.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.8 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	40-QFN (6x6)
SPEED	80MHz
SERIES	SiM3U1xx
RAM SIZE	32K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	256KB (256K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, I ² S, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	40-VFQFN Exposed Pad
OTHER NAMES	336-2213 SIM3U164BGM
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	28
MOISTURE SENSITIVITY LEVEL (MSL)	2 (1 Year)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M3 SiM3U1xx Microcontroller IC 32-Bit 80MHz 256KB (256K x 8) FLASH 40-QFN (6x6)
DATA CONVERTERS	A/D 18x12b, D/A 2x10b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M3
CONNECTIVITY	I ² C, IrDA, SmartCard, SPI, UART/USART, USB
BASE PART NUMBER	SIM3U1

Related Tags

Energy Micro (Silicon Labs) SIM3U164-B-GM	SIM3U164-B-GM Distributor	SIM3U164-B-GM Supplier
SIM3U164-B-GM Price	SIM3U164-B-GM Pictures	SIM3U164-B-GM Image
SIM3U164-B-GM PDF Datasheet	SIM3U164-B-GM Download Datasheet	SIM3U164-B-GM Datasheet
SIM3U164-B-GM Stock	Buy SIM3U164-B-GM	Buy Energy Micro (Silicon Labs) SIM3U164-B-GM
Energy Micro (Silicon Labs) SIM3U164-B-GM	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
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Silicon Laboratories SIM3U164-B-GM	Silicon Labs SIM3U164-B-GM	

Related Products

 SIM3U167-B-GDI Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH DIE In stock: Out stock RFQ	 SIM3U156-B-GQR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 128KB FLASH 64TQFP In stock: Out stock RFQ
 SIM3U157-B-GQR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 128KB FLASH 80TQFP In stock: Out stock RFQ	 SIM3U166-B-GM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 64QFN In stock: 331 pcs RFQ
 SIM3U164-B-GMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 40QFN In stock: Out stock RFQ	 SIM3U166-B-GMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 64QFN In stock: Out stock RFQ
 SIM3U157-B-GM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 128KB FLASH 92LGA In stock: Out stock RFQ	 SIM3U157-B-GQ Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 128KB FLASH 80TQFP In stock: 84 pcs RFQ
 SIM3U166-B-GQR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 64TQFP In stock: Out stock RFQ	 SIM3U156-B-GQ Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 128KB FLASH 64TQFP In stock: 11 pcs RFQ
 SIM3U157-B-GMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 128KB FLASH 92LGA In stock: Out stock RFQ	 SIM3U166-B-GQ Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 64TQFP In stock: 665 pcs RFQ