



SIM3C164-B-GMR

Part Number:	SIM3C164-B-GMR
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	IC MCU 32BIT 256KB FLASH 40QFN
	1.SIM3C164-B-GMR.pdf
	2.SIM3C164-B-GMR.pdf
	3.SIM3C164-B-GMR.pdf
Datasheets:	
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.

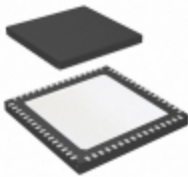
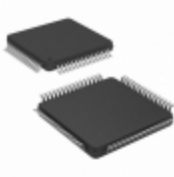
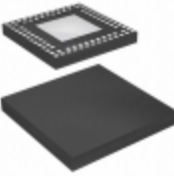
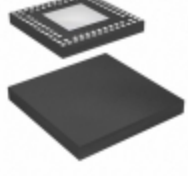
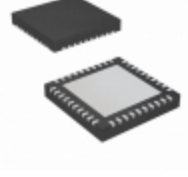
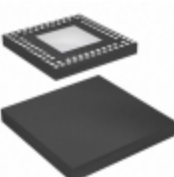
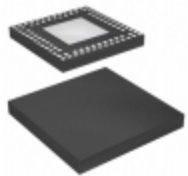
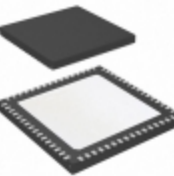
Specifications of SIM3C164-B-GMR

PART NUMBER	SIM3C164-B-GMR
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 32BIT 256KB FLASH 40QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.SIM3C164-B-GMR.pdf 2.SIM3C164-B-GMR.pdf 3.SIM3C164-B-GMR.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.8 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	40-QFN (6x6)
SPEED	80MHz
SERIES	SiM3C1xx
RAM SIZE	32K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	256KB (256K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	40-VFQFN Exposed Pad
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 SiM3C1xx 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	I²C, IrDA, SmartCard, SPI, UART/USART
BASE PART NUMBER	SIM3C1

Related Tags

Energy Micro (Silicon Labs) SIM3C164-B-GMR	SIM3C164-B-GMR Distributor	SIM3C164-B-GMR Supplier
SIM3C164-B-GMR Price	SIM3C164-B-GMR Pictures	SIM3C164-B-GMR Image
SIM3C164-B-GMR PDF Datasheet	SIM3C164-B-GMR Download Datasheet	SIM3C164-B-GMR Datasheet
SIM3C164-B-GMR Stock	Buy SIM3C164-B-GMR	Buy Energy Micro (Silicon Labs) SIM3C164-B-GMR
Energy Micro (Silicon Labs) SIM3C164-B-GMR	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) SIM3C164-B-GMR	Energy Micro SIM3C164-B-GMR	Energy Micro (Silicon Labs) SIM3C164-B-GMR
Silicon Laboratories SIM3C164-B-GMR	Silicon Labs SIM3C164-B-GMR	

Related Products

 SIM3C166-B-GMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 64QFN In stock: Out stock RFQ	 SIM3C166-B-GQR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 64TQFP In stock: Out stock RFQ
 SIM3C157-B-GQ Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 128KB FLASH 80TQFP In stock: Out stock RFQ	 SIM3C167-B-GMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 92LGA In stock: Out stock RFQ
 SIM3C157-B-GQR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 128KB FLASH 80TQFP In stock: Out stock RFQ	 SIM3C156-B-GQR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 128KB FLASH 64TQFP In stock: Out stock RFQ
 SIM3C167-B-GM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 92LGA In stock: 121 pcs RFQ	 SIM3C166-B-GQ Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 64TQFP In stock: Out stock RFQ
 SIM3C164-B-GM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 40QFN In stock: 699 pcs RFQ	 SIM3C157-B-GMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 128KB FLASH 92LGA In stock: Out stock RFQ
 SIM3C157-B-GM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 128KB FLASH 92LGA In stock: 257 pcs RFQ	 SIM3C166-B-GM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 64QFN In stock: 267 pcs RFQ