



Energy Micro (Silicon Labs)



SIM3C166-B-GQ

Part Number:	SIM3C166-B-GQ
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	IC MCU 32BIT 256KB FLASH 64TQFP
	 1.SIM3C166-B-GQ.pdf
	 2.SIM3C166-B-GQ.pdf
	 3.SIM3C166-B-GQ.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	11218 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

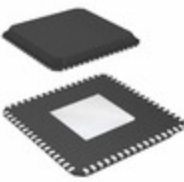
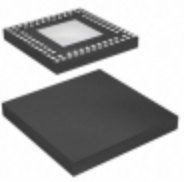
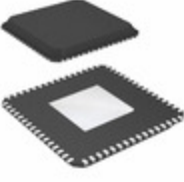
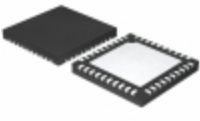
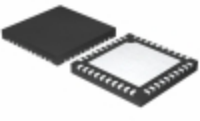
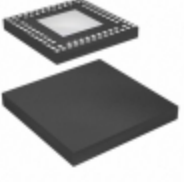
Specifications of SIM3C166-B-GQ

PART NUMBER	SIM3C166-B-GQ
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 32BIT 256KB FLASH 64TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	11218 pcs
DATA SHEET	 1.SIM3C166-B-GQ.pdf  2.SIM3C166-B-GQ.pdf  3.SIM3C166-B-GQ.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.8 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	64-TQFP (10x10)
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	Tray
PACKAGE / CASE	64-TQFP
OTHER NAMES	336-2231 SIM3C166BGQ
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	50
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 64-TQFP (10x10)
DATA CONVERTERS	A/D 28x12b, D/A 2x10b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M3
CONNECTIVITY	EBI/EMI, I²C, IrDA, SmartCard, SPI, UART/USART
BASE PART NUMBER	SIM3C1

Related Tags

Energy Micro (Silicon Labs) SIM3C166-B-GQ	SIM3C166-B-GQ Distributor	SIM3C166-B-GQ Supplier
SIM3C166-B-GQ Price	SIM3C166-B-GQ Pictures	SIM3C166-B-GQ Image
SIM3C166-B-GQ PDF Datasheet	SIM3C166-B-GQ Download Datasheet	SIM3C166-B-GQ Datasheet
SIM3C166-B-GQ Stock	Buy SIM3C166-B-GQ	Buy Energy Micro (Silicon Labs) SIM3C166-B-GQ
Energy Micro (Silicon Labs) SIM3C166-B-GQ	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) SIM3C166-B-GQ	Energy Micro SIM3C166-B-GQ	Energy Micro (Silicon Labs) SIM3C166-B-GQ
Silicon Laboratories SIM3C166-B-GQ	Silicon Labs SIM3C166-B-GQ	

Related Products

 SIM3C166-B-GQR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 64TQFP In stock: 10320 pcs RFQ	 SIM3C167-B-GQR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 80TQFP In stock: 11940 pcs RFQ
 SIM3C166-B-GMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 64QFN In stock: 13297 pcs RFQ	 SIM3C167-B-GMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 92LGA In stock: 13891 pcs RFQ
 SIM3C167-B-GQ Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 80TQFP In stock: 8403 pcs RFQ	 SIM3C166-B-GM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 64QFN In stock: 10028 pcs RFQ
 SIM3C157-B-GQR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 128KB FLASH 80TQFP In stock: 13575 pcs RFQ	 SIM3C1XX-B-DK Manufacturers: Energy Micro (Silicon Labs) Description: KIT DEVELOPMENT SIM3C1XX In stock: 1002 pcs RFQ
 SIM3C164-B-GM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 40QFN In stock: 11014 pcs RFQ	 SIM3C164-B-GMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 40QFN In stock: 11642 pcs RFQ
 SIM3C157-B-GQ Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 128KB FLASH 80TQFP In stock: 13930 pcs RFQ	 SIM3C167-B-GM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 92LGA In stock: 9097 pcs RFQ