



Energy Micro (Silicon Labs)



SIM3L166-C-GQ

Part Number:	SIM3L166-C-GQ
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	IC MCU 32BIT 256KB FLASH 64TQFP
	 1.SIM3L166-C-GQ.pdf
	 2.SIM3L166-C-GQ.pdf
	 3.SIM3L166-C-GQ.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	8305 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

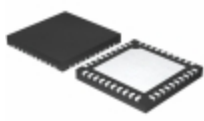
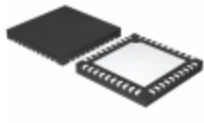
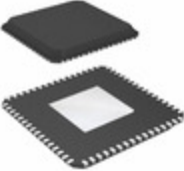
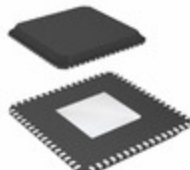
Specifications of SIM3L166-C-GQ

PART NUMBER	SIM3L166-C-GQ
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 32BIT 256KB FLASH 64TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	8305 pcs
DATA SHEET	 1.SIM3L166-C-GQ.pdf  2.SIM3L166-C-GQ.pdf  3.SIM3L166-C-GQ.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.8 V ~ 3.8 V
SUPPLIER DEVICE PACKAGE	64-TQFP (10x10)
SPEED	50MHz
SERIES	SiM3L1xx
RAM SIZE	32K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	256KB (256K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	64-TQFP
OTHER NAMES	336-2347 SIM3L166-B-GQ SIM3L166CGQ
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	51
MOISTURE SENSITIVITY LEVEL (MSL)	2 (1 Year)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M3 SiM3L1xx Microcontroller IC 32-Bit 50MHz 256KB (256K x 8) FLASH 64-TQFP (10x10)
DATA CONVERTERS	A/D 23x10/12b, D/A 1x10b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M3
CONNECTIVITY	I²C, IrDA, SmartCard, SPI, UART/USART

Related Tags

Energy Micro (Silicon Labs) SIM3L166-C-GQ	SIM3L166-C-GQ Distributor	SIM3L166-C-GQ Supplier
SIM3L166-C-GQ Price	SIM3L166-C-GQ Pictures	SIM3L166-C-GQ Image
SIM3L166-C-GQ PDF Datasheet	SIM3L166-C-GQ Download Datasheet	SIM3L166-C-GQ Datasheet
SIM3L166-C-GQ Stock	Buy SIM3L166-C-GQ	Buy Energy Micro (Silicon Labs) SIM3L166-C-GQ
Energy Micro (Silicon Labs) SIM3L166-C-GQ	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) SIM3L166-C-GQ	Energy Micro SIM3L166-C-GQ	Energy Micro (Silicon Labs) SIM3L166-C-GQ
Silicon Laboratories SIM3L166-C-GQ	Silicon Labs SIM3L166-C-GQ	

Related Products

 SIM3L164-C-GM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 40QFN In stock: 7848 pcs RFQ	 SIM3L157-C-GQR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 128KB FLASH 80TQFP In stock: 10033 pcs RFQ
 SIM3L167-C-GLR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 80TFBGA In stock: 5441 pcs RFQ	 SIM3L157-C-GQ Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 128KB FLASH 80TQFP In stock: 9362 pcs RFQ
 SIM3L168-C-GM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 92LGA In stock: 6650 pcs RFQ	 SIM3L167-C-GQR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 80TQFP In stock: 5783 pcs RFQ
 SIM3L164-C-GMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 40QFN In stock: 9489 pcs RFQ	 SIM3L166-C-GM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 64QFN In stock: 7449 pcs RFQ
 SIM3L166-C-GQR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 64TQFP In stock: 9827 pcs RFQ	 SIM3L1XX-B-DK Manufacturers: Energy Micro (Silicon Labs) Description: KIT DEV SIM3L1XX In stock: 1020 pcs RFQ
 SIM3L166-C-GMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 64QFN In stock: 10310 pcs RFQ	 SIM3L167-C-GQ Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 80TQFP In stock: 8597 pcs RFQ