



Energy Micro (Silicon Labs)

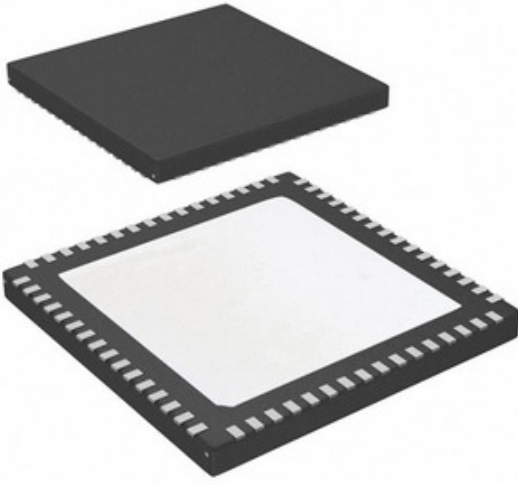


Image may be representation. See specifications for product details.

SIM3L166-C-GM

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

REQUEST FOR QUOTATION

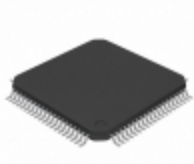
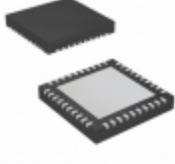
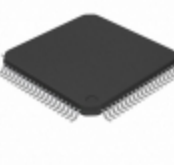
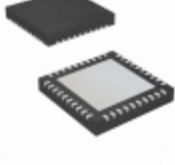
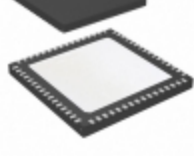
Specifications of SIM3L166-C-GM

PART NUMBER	SIM3L166-C-GM
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 32BIT 256KB FLASH 64QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.SIM3L166-C-GM.pdf 2.SIM3L166-C-GM.pdf 3.SIM3L166-C-GM.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.8 V ~ 3.8 V
SUPPLIER DEVICE PACKAGE	64-QFN (9x9)
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-VFQFN Exposed Pad
OTHER NAMES	336-2348 SIM3L166-B-GM SIM3L166CGM
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-QFN (9x9)
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-GM	SIM3L166-C-GM Distributor	SIM3L166-C-GM Supplier
SIM3L166-C-GM Price	SIM3L166-C-GM Pictures	SIM3L166-C-GM Image
SIM3L166-C-GM PDF Datasheet	SIM3L166-C-GM Download Datasheet	SIM3L166-C-GM Datasheet
SIM3L166-C-GM Stock	Buy SIM3L166-C-GM	Buy Energy Micro (Silicon Labs) SIM3L166-C-GM
Energy Micro (Silicon Labs) SIM3L166-C-GM	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) SIM3L166-C-GM	Energy Micro SIM3L166-C-GM	Energy Micro (Silicon Labs) SIM3L166-C-GM
Silicon Laboratories SIM3L166-C-GM	Silicon Labs SIM3L166-C-GM	

Related Products

 SIM3L166-C-GQ Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 64TQFP In stock: 89 pcs RFQ	 SIM3L167-C-GQR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 80TQFP In stock: Out stock RFQ
 SIM3L156-C-GQR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 128KB FLASH 64TQFP In stock: Out stock RFQ	 SIM3L157-C-GQR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 128KB FLASH 80TQFP In stock: Out stock RFQ
 SIM3L166-C-GQR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 64TQFP In stock: Out stock RFQ	 SIM3L164-C-GM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 40QFN In stock: 368 pcs RFQ
 SIM3L157-C-GQ Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 128KB FLASH 80TQFP In stock: 16 pcs RFQ	 SIM3L164-C-GMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 40QFN In stock: Out stock RFQ
 SIM3L167-C-GQ Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 80TQFP In stock: 119 pcs RFQ	 SIM3L166-C-GMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 40QFN In stock: Out stock RFQ
 SIM3L157-C-GLR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 128KB FLASH 80TFBGA In stock: Out stock RFQ	 SIM3L167-C-GLR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 80TFBGA In stock: Out stock RFQ