



Energy Micro (Silicon Labs)



SIM3L157-C-GLR

Part Number:	SIM3L157-C-GLR
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	IC MCU 32BIT 128KB FLASH 80TFBGA
Datasheets:	 SIM3L157-C-GLR.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.

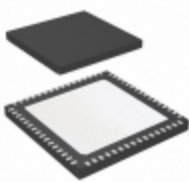
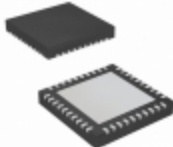
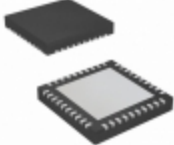
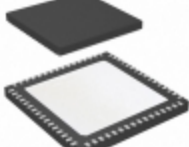
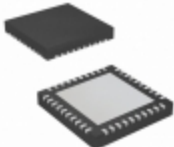
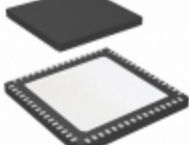
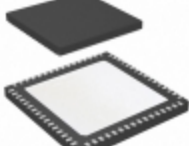
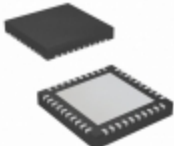
Specifications of SIM3L157-C-GLR

PART NUMBER	SIM3L157-C-GLR
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 32BIT 128KB FLASH 80TFBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 SIM3L157-C-GLR.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.8 V ~ 3.8 V
SUPPLIER DEVICE PACKAGE	80-TFBGA (5.5x5.5)
SPEED	50MHz
SERIES	SIM3L1xx
RAM SIZE	32K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	128KB (128K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	80-TFBGA
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	62
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 128KB (128K x 8) FLASH 80-TFBGA (5.5x5.5)
DATA CONVERTERS	A/D 24x10/12b, 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) SIM3L157-C-GLR	SIM3L157-C-GLR Distributor	SIM3L157-C-GLR Supplier
SIM3L157-C-GLR Price	SIM3L157-C-GLR Pictures	SIM3L157-C-GLR Image
SIM3L157-C-GLR PDF Datasheet	SIM3L157-C-GLR Download Datasheet	SIM3L157-C-GLR Datasheet
SIM3L157-C-GLR Stock	Buy SIM3L157-C-GLR	Buy Energy Micro (Silicon Labs) SIM3L157-C-GLR
Energy Micro (Silicon Labs) SIM3L157-C-GLR	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) SIM3L157-C-GLR	Energy Micro SIM3L157-C-GLR	Energy Micro (Silicon Labs) SIM3L157-C-GLR
Silicon Laboratories SIM3L157-C-GLR	Silicon Labs SIM3L157-C-GLR	

Related Products

 SIM3L156-C-GM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 128KB FLASH 64QFN In stock: 6 pcs RFQ	 SIM3L156-C-GQ Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 128KB FLASH 64TQFP In stock: Out stock RFQ
 SIM3L154-C-GM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 128KB FLASH 40QFN In stock: 8 pcs RFQ	 SIM3L156-C-GQR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 128KB FLASH 64TQFP In stock: Out stock 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
 SIM3L166-C-GMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 64QFN 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
 SIM3L156-C-GMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 128KB FLASH 64QFN 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-GM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 64QFN In stock: Out stock RFQ	 SIM3L154-C-GMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 128KB FLASH 40QFN In stock: Out stock RFQ