



SILICON LABS

Energy Micro (Silicon Labs)



SIM3U146-B-GQR

Part Number:	SIM3U146-B-GQR
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	IC MCU 32BIT 64KB FLASH 64TQFP
Datasheets:	 SIM3U146-B-GQR.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	11575 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

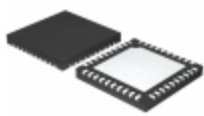
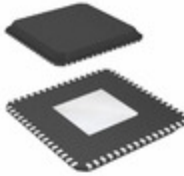
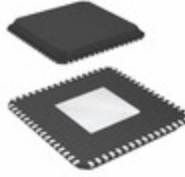
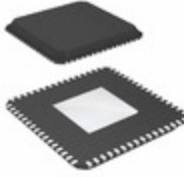
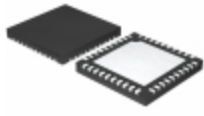
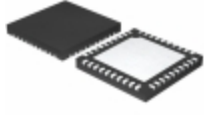
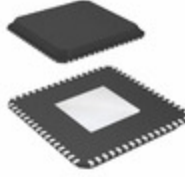
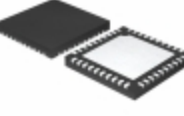
Specifications of SIM3U146-B-GQR

PART NUMBER	SIM3U146-B-GQR
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 32BIT 64KB FLASH 64TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	11575 pcs
DATA SHEET	 SIM3U146-B-GQR.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.8 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	64-TQFP (10x10)
SPEED	80MHz
SERIES	SiM3U1xx
RAM SIZE	16K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	64KB (64K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	64-TQFP
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 SiM3U1xx Microcontroller IC 32-Bit 80MHz 64KB (64K 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, USB
BASE PART NUMBER	SIM3U1

Related Tags

Energy Micro (Silicon Labs) SIM3U146-B-GQR	SIM3U146-B-GQR Distributor	SIM3U146-B-GQR Supplier
SIM3U146-B-GQR Price	SIM3U146-B-GQR Pictures	SIM3U146-B-GQR Image
SIM3U146-B-GQR PDF Datasheet	SIM3U146-B-GQR Download Datasheet	SIM3U146-B-GQR Datasheet
SIM3U146-B-GQR Stock	Buy SIM3U146-B-GQR	Buy Energy Micro (Silicon Labs) SIM3U146-B-GQR
Energy Micro (Silicon Labs) SIM3U146-B-GQR	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) SIM3U146-B-GQR	Energy Micro SIM3U146-B-GQR	Energy Micro (Silicon Labs) SIM3U146-B-GQR
Silicon Laboratories SIM3U146-B-GQR	Silicon Labs SIM3U146-B-GQR	

Related Products

 SIM3U144-B-GM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 64KB FLASH 40QFN In stock: 10839 pcs RFQ	 SIM3U146-B-GQ Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 64KB FLASH 64TQFP In stock: 10146 pcs RFQ
 SIM3U136-B-GQR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 32KB FLASH 64TQFP In stock: 14412 pcs RFQ	 SIM3U146-B-GM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 64KB FLASH 64QFN In stock: 11155 pcs RFQ
 SIM3U146-B-GMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 64KB FLASH 64QFN In stock: 15093 pcs RFQ	 SIM3U156-B-GM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 128KB FLASH 64QFN In stock: 8073 pcs RFQ
 SIM3U154-B-GMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 128KB FLASH 40QFN In stock: 13126 pcs RFQ	 SIM3U156-B-GQR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 128KB FLASH 64TQFP In stock: 11716 pcs RFQ
 SIM3U144-B-GMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 64KB FLASH 40QFN In stock: 16146 pcs RFQ	 SIM3U156-B-GQ Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 128KB FLASH 64TQFP In stock: 8586 pcs RFQ
 SIM3U156-B-GMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 128KB FLASH 64QFN In stock: 12385 pcs RFQ	 SIM3U154-B-GM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 128KB FLASH 40QFN In stock: 10651 pcs RFQ