



Energy Micro (Silicon Labs)



SIM3U167-B-GDI

Part Number:	SIM3U167-B-GDI
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	IC MCU 32BIT 256KB FLASH DIE
	 1.SIM3U167-B-GDI.pdf
	 2.SIM3U167-B-GDI.pdf
Datasheets:	 Lead free / RoHS Compliant
RoHs Status	Hong Kong
Ship From	
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

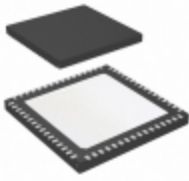
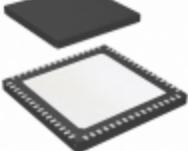
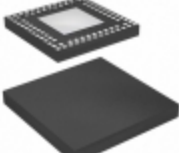
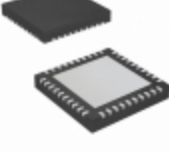
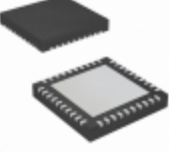
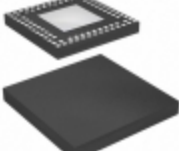
Specifications of SIM3U167-B-GDI

PART NUMBER	SIM3U167-B-GDI
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 32BIT 256KB FLASH DIE
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 1.SIM3U167-B-GDI.pdf  2.SIM3U167-B-GDI.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.8 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	Die
SPEED	80MHz
SERIES	SiM3U1xx
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	Bulk
PACKAGE / CASE	Die
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	65
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M3 SIM3U1xx Microcontroller IC 32-Bit 80MHz 256KB (256K x 8) FLASH Die
DATA CONVERTERS	A/D 32x12b, 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) SIM3U167-B-GDI	SIM3U167-B-GDI Distributor	SIM3U167-B-GDI Supplier
SIM3U167-B-GDI Price	SIM3U167-B-GDI Pictures	SIM3U167-B-GDI Image
SIM3U167-B-GDI PDF Datasheet	SIM3U167-B-GDI Download Datasheet	SIM3U167-B-GDI Datasheet
SIM3U167-B-GDI Stock	Buy SIM3U167-B-GDI	Buy Energy Micro (Silicon Labs) SIM3U167-B-GDI
Energy Micro (Silicon Labs) SIM3U167-B-GDI	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) SIM3U167-B-GDI	Energy Micro SIM3U167-B-GDI	Energy Micro (Silicon Labs) SIM3U167-B-GDI
Silicon Laboratories SIM3U167-B-GDI	Silicon Labs SIM3U167-B-GDI	

Related Products

 SIM3U166-B-GMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 64QFN In stock: Out stock RFQ	 SIM3U1XX-B-DK Manufacturers: Energy Micro (Silicon Labs) Description: KIT DEVELOPMENT SIM3U1XX In stock: 2 pcs RFQ
 SIM3U166-B-GQ Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 64TQFP In stock: 665 pcs RFQ	 SIM3U166-B-GM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 64QFN In stock: 331 pcs RFQ
 SIM3U167-B-GMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 92LGA In stock: Out stock RFQ	 SIM3U167-B-GQ Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 80TQFP In stock: 126 pcs RFQ
 SIM3U164-B-GM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 40QFN In stock: 187 pcs RFQ	 SIM3U167-B-GQR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 80TQFP In stock: Out stock RFQ
 SIM3U166-B-GQR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 64TQFP In stock: Out stock RFQ	 SIM3U164-B-GMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 40QFN In stock: Out stock RFQ
 SIM3U167-B-GM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 92LGA In stock: 80 pcs RFQ	 SIM3U1XX-B-EDK Manufacturers: Energy Micro (Silicon Labs) Description: KIT DEVELOPMENT ENH SIM3U1XX In stock: 1 pcs RFQ