



SILICON LABS

Energy Micro (Silicon Labs)



Image may be representation. See specifications for product details.

EFM32GG11B820F2048IQ64-AR

Part Number:	EFM32GG11B820F2048IQ64-AR
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	EFM32 GIANT GECKO 11 ULTRA LOW P
Datasheets:	 EFM32GG11B820F2048IQ64-AR.pdf
RoHs Status	 RoHS Compliant
Stock Condition	12844 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

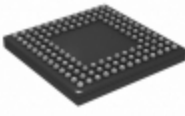
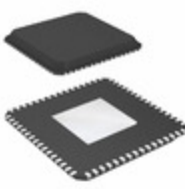
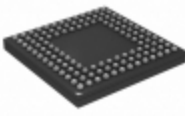
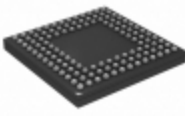
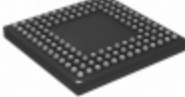
Specifications of EFM32GG11B820F2048IQ64-AR

PART NUMBER	EFM32GG11B820F2048IQ64-AR
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	EFM32 GIANT GECKO 11 ULTRA LOW P
LEAD FREE STATUS / ROHS STATUS	RoHS Compliant
QUANTITY AVAILABLE	12844 pcs
DATA SHEET	 EFM32GG11B820F2048IQ64-AR.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.8 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	64-TQFP (10x10)
SPEED	72MHz
SERIES	Giant Gecko S1
ROHS STATUS	RoHS Compliant
RAM SIZE	512K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	2MB (2M x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	64-TQFP
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 125°C (TA)
NUMBER OF I/O	47
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M4 Giant Gecko S1 Microcontroller IC 32-Bit 72MHz 2MB (2M x 8) FLASH 64-TQFP (10x10)
DATA CONVERTERS	A/D 16x12b SAR, D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	CANbus, EBI/EMI, Ethernet, I²C, IrDA, LINbus, MMC/SD/SDIO, QSPI, SmartCard, SPI, UART/USART, USB

Related Tags

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Related Products

 EFM32GG11B840F1024GL120-BR Manufacturers: Energy Micro (Silicon Labs) Description: GIANT GECKO 11 ULTRA LOW POWER M In stock: 13218 pcs RFQ	 EFM32GG11B820F2048IM64-BR Manufacturers: Energy Micro (Silicon Labs) Description: GIANT GECKO 11 ULTRA LOW POWER M In stock: 10395 pcs RFQ
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