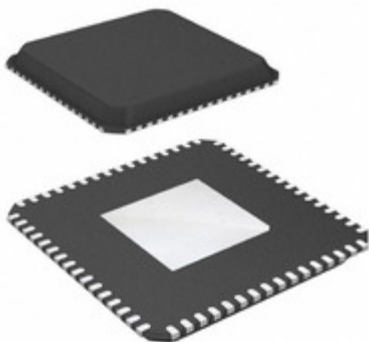


EFM32GG11B820F2048GM64-A





SILICON LABS

Part Number: [EFM32GG11B820F2048GM64-A](#)

Manufacturer: [Energy Micro \(Silicon Labs\)](#)

Description: EFM32 GIANT GECKO 11 ULTRA LOW P

Data sheet:  [EFM32GG11 Family Preliminary](#)
 [EFM32 Giant Gecko Family Manual](#)

RoHs Status: RoHS Compliant

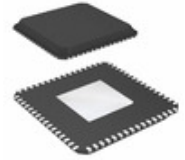
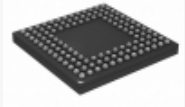
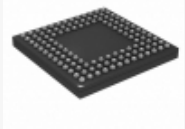
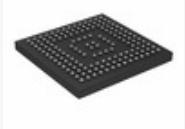
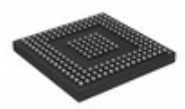
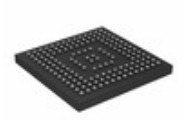
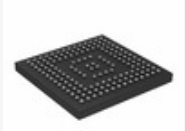
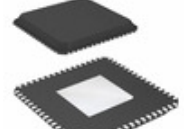
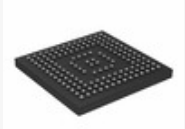
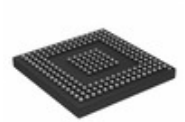
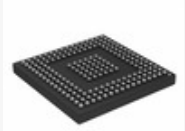
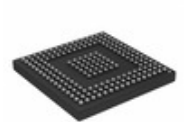
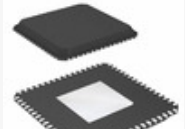
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.
See Product Specifications for product details.
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Request For Quotation

PRODUCT PARAMETER			
Part Number	EFM32GG11B820F2048GM64-A	Manufacturer	Energy Micro (Silicon Labs)
Description	EFM32 GIANT GECKO 11 ULTRA LOW P	Lead Free Status / RoHS Status	RoHS Compliant
Quantity Available	10617 pcs	Data sheet	EFM32GG11 Family Preliminary EFM32 Giant Gecko Family Manual
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.8 V ~ 3.6 V
Supplier Device Package	64-QFN (9x9)	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	Tray	Package / Case	64-WFQFN Exposed Pad
Other Names	336-4514	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	50
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	6 Weeks
EEPROM Size	-	Detailed Description	ARM® Cortex®-M4 Giant Gecko S1 Microcontroller IC 32-Bit 72MHz 2MB (2M x 8) FLASH 64-QFN (9x9)
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
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RELATED PRODUCTS			
	Part#: EFM32GG11B820F2048GQ100-BR Description: GIANT GECKO 11 ULTRA LOW POWER M	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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	Part#: EFM32GG11B820F2048GL120-BR Description: GIANT GECKO 11 ULTRA LOW POWER M	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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	Part#: EFM32GG11B820F2048GL152-B Description: GIANT GECKO 11 ULTRA LOW POWER M	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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