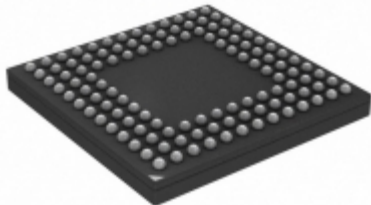


EFM32GG11B510F2048GL120-B



**SILICON LABS**

Part Number: [EFM32GG11B510F2048GL120-B](#)

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

Description: GIANT GECKO 11 ULTRA LOW POWER M

Data sheet:  [EFM32GG11 Family Preliminary](#)

RoHs Status: Lead free / RoHS Compliant

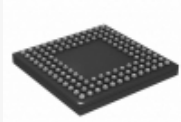
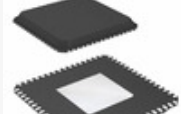
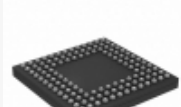
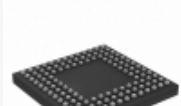
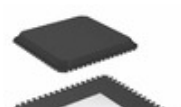
Ship From: Hong Kong

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

Images are for reference only.
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PRODUCT PARAMETER			
Part Number	EFM32GG11B510F2048GL120-B	Manufacturer	Energy Micro (Silicon Labs)
Description	GIANT GECKO 11 ULTRA LOW POWER M	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	10492 pcs	Data sheet	EFM32GG11 Family Preliminary
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.8 V ~ 3.6 V
Supplier Device Package	120-BGA (7x7)	Speed	72MHz
Series	Giant Gecko S1	RAM Size	384K 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	120-VFBGA	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	95
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	6 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	ARM® Cortex®-M4 Giant Gecko S1 Microcontroller IC 32-Bit 72MHz 2MB (2M x 8) FLASH 120-BGA (7x7)	Data Converters	A/D 16x12b SAR, D/A 2x12b
Core Size	32-Bit	Core Processor	ARM® Cortex®-M4
Connectivity	CANbus, EBI/EMI, I²C, IrDA, LINbus, SmartCard, SPI, UART/USART		
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	Part#: EFM32GG11B420F2048IQ64-AR Description: EFM32 GIANT GECKO 11 ULTRA LOW P	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32GG11B510F2048GL120-BR Description: GIANT GECKO 11 ULTRA LOW POWER M	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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	Part#: EFM32GG11B510F2048GM64-BR Description: GIANT GECKO 11 ULTRA LOW POWER M	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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