

EFM32GG11B520F2048GQ64-B



SILICON LABS



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Part Number: [EFM32GG11B520F2048GQ64-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

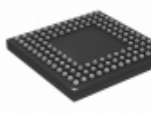
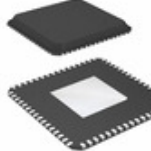
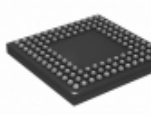
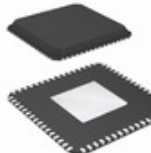
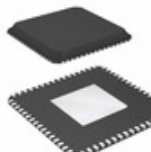
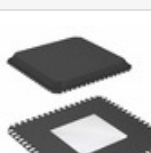
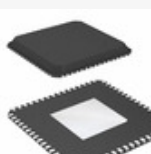
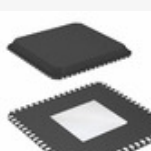
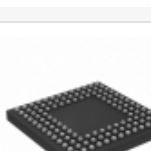
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PRODUCT PARAMETER			
Part Number	EFM32GG11B520F2048GQ64-B	Manufacturer	Energy Micro (Silicon Labs)
Description	GIANT GECKO 11 ULTRA LOW POWER M	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	13790 pcs	Data sheet	EFM32GG11 Family Preliminary
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.8 V ~ 3.6 V
Supplier Device Package	64-TQFP (10x10)	Speed	72MHz
Series	Giant Gecko S1	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-TQFP	Other Names	336-5525
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	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 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, I²C, IrDA, LINbus, SmartCard, SPI, UART/USART
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RELATED PRODUCTS			
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	Part#: EFM32GG11B520F2048IM64-BR Description: GIANT GECKO 11 ULTRA LOW POWER M	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32GG11B520F2048IL120-AR Description: EFM32 GIANT GECKO 11 ULTRA LOW P	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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	Part#: EFM32GG11B520F2048GM64-AR Description: EFM32 GIANT GECKO 11 ULTRA LOW P	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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	Part#: EFM32GG11B520F2048IQ100-A Description: EFM32 GIANT GECKO 11 ULTRA LOW P	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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