

EFM32LG295F256-BGA120



SILICON LABS



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Part Number: [EFM32LG295F256-BGA120](#)

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

Description: IC MCU 32BIT 256KB FLASH 120BGA

Data sheet:  [EFM32\(LG\) Family Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

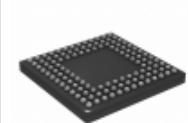
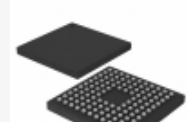
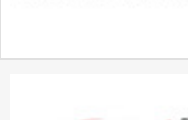
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PRODUCT PARAMETER		
Part Number	EFM32LG295F256-BGA120	Manufacturer Energy Micro (Silicon Labs)
Description	IC MCU 32BIT 256KB FLASH 120BGA	Lead Free Status / RoHS Status Lead free / RoHS Compliant
Quantity Available	4695 pcs	Data sheet EFM32(LG) Family Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd) 1.85 V ~ 3.8 V
Supplier Device Package	120-BGA (7x7)	Speed 48MHz
Series	Leopard Gecko	RAM Size 32K x 8
Program Memory Type	FLASH	Program Memory Size 256KB (256K x 8)
Peripherals	Brown-out Detect/Reset, DMA, POR, PWM, WDT	Packaging Tape & Reel (TR)
Package / Case	120-VFBGA	Other Names 914-1072-2 EFM32LG295F256 EFM32LG295F256-ND
Oscillator Type	Internal	Operating Temperature -40°C ~ 85°C (TA)
Number of I/O	93	Moisture Sensitivity Level (MSL)3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size -
Detailed Description	ARM® Cortex®-M3 Leopard Gecko Microcontroller IC 32-Bit 48MHz 256KB (256K x 8) FLASH 120-BGA (7x7)	Data Converters A/D 8x12b, D/A 2x12b
Core Size	32-Bit	Core Processor ARM® Cortex®-M3
Connectivity	EBI/EMI, I ² C, IrDA, SmartCard, SPI, UART/USART	
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