



Energy Micro (Silicon Labs)



EFM32G290F32G-E-BGA112R

Part Number:	EFM32G290F32G-E-BGA112R
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	32K FLASH, 8K RAM, AES
Datasheets:	 EFM32G290F32G-E-BGA112R.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

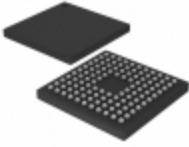
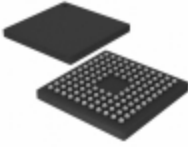
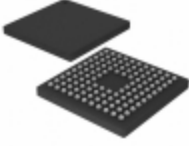
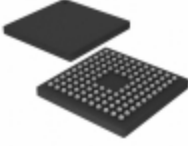
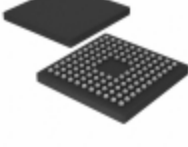
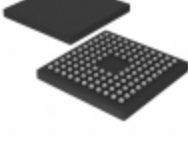
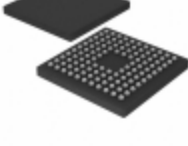
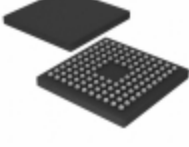
Specifications of EFM32G290F32G-E-BGA112R

PART NUMBER	EFM32G290F32G-E-BGA112R
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	32K FLASH, 8K RAM, AES
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 EFM32G290F32G-E-BGA112R.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.98 V ~ 3.8 V
SPEED	32MHz
SERIES	Gecko
RAM SIZE	8K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	32KB (32K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, POR, PWM, WDT
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	90
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®-M3 Gecko Microcontroller IC 32-Bit 32MHz 32KB (32K x 8) FLASH
DATA CONVERTERS	A/D 8x12b, D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M3
CONNECTIVITY	EBI/EMI, I²C, IrDA, SmartCard, SPI, UART/USART

Related Tags

Energy Micro (Silicon Labs) EFM32G290F32G-E-BGA112R	EFM32G290F32G-E-BGA112R Distributor	EFM32G290F32G-E-BGA112R Supplier
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EFM32G290F32G-E-BGA112R PDF Datasheet	EFM32G290F32G-E-BGA112R Download Datasheet	EFM32G290F32G-E-BGA112R Datasheet
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Related Products

 EFM32G290F128G-E-BGA112R Manufacturers: Energy Micro (Silicon Labs) Description: 128K FLASH, 16K RAM, AES In stock: Out stock RFQ	 EFM32G290F32-BGA112T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 32KB FLASH 112BGA In stock: Out stock RFQ
 EFM32G290F128-BGA112T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 128KB FLASH 112BGA In stock: Out stock RFQ	 EFM32G290F64-BGA112T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 64KB FLASH 112BGA In stock: Out stock RFQ
 EFM32G30F128-QFN64T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 128KB FLASH 64QFN In stock: Out stock RFQ	 EFM32G290F64-BGA112 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 64KB FLASH 112BGA In stock: Out stock RFQ
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