



Energy Micro (Silicon Labs)



EFM32LG290F64G-E-BGA112R

Part Number:	EFM32LG290F64G-E-BGA112R
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	IC MCU 32BIT 64KB FLASH 112LFBGA 1.EFM32LG290F64G-E-BGA112R.pdf 2.EFM32LG290F64G-E-BGA112R.pdf 3.EFM32LG290F64G-E-BGA112R.pdf 4.EFM32LG290F64G-E-BGA112R.pdf 5.EFM32LG290F64G-E-BGA112R.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	37413 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

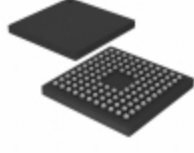
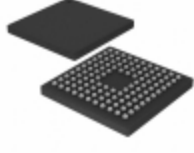
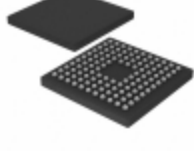
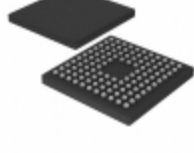
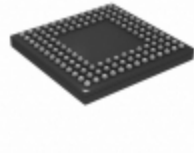
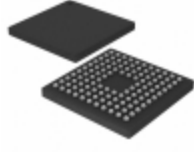
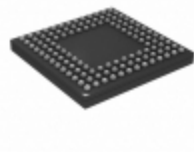
Specifications of EFM32LG290F64G-E-BGA112R

PART NUMBER	EFM32LG290F64G-E-BGA112R
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 32BIT 64KB FLASH 112LFBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	37413 pcs
DATA SHEET	1.EFM32LG290F64G-E-BGA112R.pdf 2.EFM32LG290F64G-E-BGA112R.pdf 3.EFM32LG290F64G-E-BGA112R.pdf 4.EFM32LG290F64G-E-BGA112R.pdf 5.EFM32LG290F64G-E-BGA112R.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.85 V ~ 3.8 V
SUPPLIER DEVICE PACKAGE	112-LFBGA (10x10)
SPEED	48MHz
SERIES	Leopard Gecko
RAM SIZE	32K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	64KB (64K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, POR, PWM, WDT
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	112-LFBGA
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	90
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 64KB (64K x 8) FLASH 112-LFBGA (10x10)
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) EFM32LG290F64G-E-BGA112R	EFM32LG290F64G-E-BGA112R Distributor	EFM32LG290F64G-E-BGA112R Supplier
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EFM32LG290F64G-E-BGA112R PDF Datasheet	EFM32LG290F64G-E-BGA112R Download Datasheet	EFM32LG290F64G-E-BGA112R Datasheet
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Related Products

 EFM32LG290F64-BGA112T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 64KB FLASH 112BGA In stock: 2741 pcs RFQ	 EFM32LG290F256G-E-BGA112 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 112BGA In stock: 20858 pcs RFQ
 EFM32LG295F128-BGA120T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 128KB FLASH 120BGA In stock: 4573 pcs RFQ	 EFM32LG290F64-BGA112 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 64KB FLASH 112BGA In stock: 5977 pcs RFQ
 EFM32LG290F256G-E-BGA112R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 112BGA In stock: 19975 pcs RFQ	 EFM32LG295F128G-E-BGA120 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 128KB FLASH 120BGA In stock: 27161 pcs RFQ
 EFM32LG295F256-BGA120T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 120BGA In stock: 5936 pcs RFQ	 EFM32LG295F256-BGA120 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 120BGA In stock: 4914 pcs RFQ
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 EFM32LG290F64G-E-BGA112 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 64KB FLASH 112LFBGA In stock: 32943 pcs RFQ	 EFM32LG295F128G-E-BGA120R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 128KB FLASH 120BGA In stock: 24768 pcs RFQ

