



EFM32LG290F256G-E-BGA112R

Part Number: EFM32LG290F256G-E-BGA112R

Manufacturer/Brand: Energy Micro (Silicon Labs)

Product description: IC MCU 32BIT 256KB FLASH 112BGA

1.EFM32LG290F256G-E-BGA112R.pdf

2.EFM32LG290F256G-E-BGA112R.pdf

3.EFM32LG290F256G-E-BGA112R.pdf

4.EFM32LG290F256G-E-BGA112R.pdf

5.EFM32LG290F256G-E-BGA112R.pdf

Datasheets:

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.

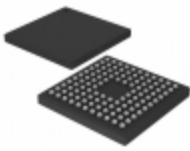
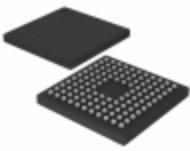
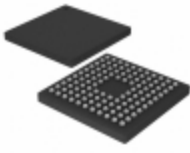
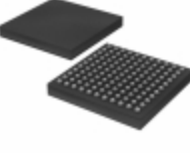
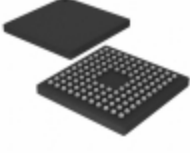
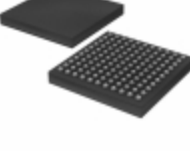
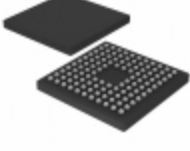
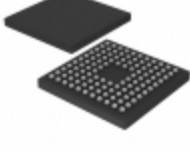
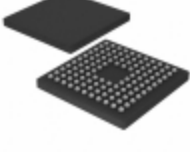
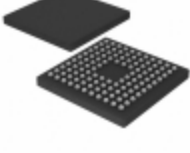
Specifications of EFM32LG290F256G-E-BGA112R

PART NUMBER	EFM32LG290F256G-E-BGA112R
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 32BIT 256KB FLASH 112BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.EFM32LG290F256G-E-BGA112R.pdf 2.EFM32LG290F256G-E-BGA112R.pdf 3.EFM32LG290F256G-E-BGA112R.pdf 4.EFM32LG290F256G-E-BGA112R.pdf 5.EFM32LG290F256G-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	256KB (256K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, POR, PWM, WDT
PACKAGING	Cut Tape (CT)
PACKAGE / CASE	112-LFBGA
OTHER NAMES	336-5176-1
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 Leopard Gecko Microcontroller IC 32-Bit 48MHz 256KB (256K 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) EFM32LG290F256G-E-BGA112R	EFM32LG290F256G-E-BGA112R Distributor	EFM32LG290F256G-E-BGA112R Supplier
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Related Products

 EFM32LG290F256-BGA112T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 112BGA In stock: Out stock RFQ	 EFM32LG290F128G-E-BGA112R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 128KB FLASH 112BGA In stock: Out stock RFQ
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 EFM32LG290F64G-E-BGA112R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 64KB FLASH 112LFBGA In stock: Out stock RFQ	 EFM32LG290F256-BGA112 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 112BGA In stock: Out stock RFQ

