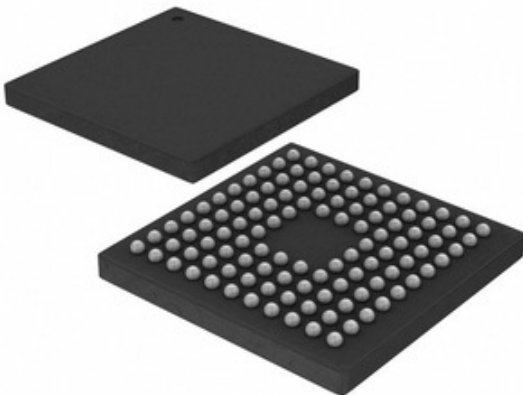


**SILICON LABS**

Energy Micro (Silicon Labs)



EFM32G890F32-BGA112

Part Number:	EFM32G890F32-BGA112
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	IC MCU 32BIT 32KB FLASH 112BGA PDF 1.EFM32G890F32-BGA112.pdf PDF 2.EFM32G890F32-BGA112.pdf PDF 3.EFM32G890F32-BGA112.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.

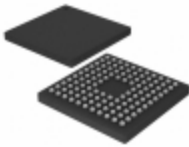
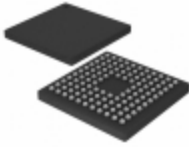
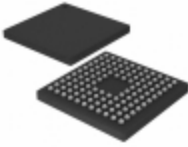
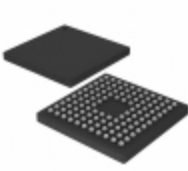
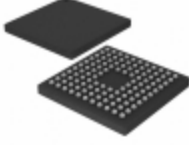
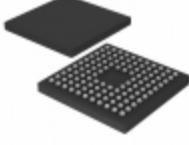
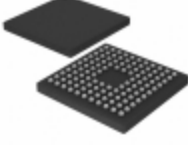
Specifications of EFM32G890F32-BGA112

PART NUMBER	EFM32G890F32-BGA112
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 32BIT 32KB FLASH 112BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	PDF 1.EFM32G890F32-BGA112.pdf PDF 2.EFM32G890F32-BGA112.pdf PDF 3.EFM32G890F32-BGA112.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.98 V ~ 3.8 V
SUPPLIER DEVICE PACKAGE	112-BGA (10x10)
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, LCD, POR, PWM, WDT
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	112-LFBGA
OTHER NAMES	EFM32G890F32 EFM32G890F32-ND
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 Gecko Microcontroller IC 32-Bit 32MHz 32KB (32K x 8) FLASH 112-BGA (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) EFM32G890F32-BGA112	EFM32G890F32-BGA112 Distributor	EFM32G890F32-BGA112 Supplier
EFM32G890F32-BGA112 Price	EFM32G890F32-BGA112 Pictures	EFM32G890F32-BGA112 Image
EFM32G890F32-BGA112 PDF Datasheet	EFM32G890F32-BGA112 Download Datasheet	EFM32G890F32-BGA112 Datasheet
EFM32G890F32-BGA112 Stock	Buy EFM32G890F32-BGA112	Buy Energy Micro (Silicon Labs) EFM32G890F32-BGA112
Energy Micro (Silicon Labs) EFM32G890F32-BGA112	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) EFM32G890F32-BGA112	Energy Micro EFM32G890F32-BGA112	Energy Micro (Silicon Labs) EFM32G890F32-BGA112
Silicon Laboratories EFM32G890F32-BGA112	Silicon Labs EFM32G890F32-BGA112	

Related Products

 EFM32G890F32G-E-BGA112R Manufacturers: Energy Micro (Silicon Labs) Description: 32K FLASH, 8K RAM, 4X40 LCD, AES In stock: Out stock RFQ	 EFM32G890F64G-E-BGA112 Manufacturers: Energy Micro (Silicon Labs) Description: 64K FLASH, 16K RAM, 4X40 LCD, AE In stock: Out stock RFQ
 EFM32G890F64-BGA112 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 64KB FLASH 112BGA In stock: Out stock RFQ	 EFM32G890F32G-E-BGA112 Manufacturers: Energy Micro (Silicon Labs) Description: 32K FLASH, 8K RAM, 4X40 LCD, AES In stock: Out stock RFQ
 EFM32G890F32-BGA112T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 32KB FLASH 112BGA In stock: Out stock RFQ	 EFM32G890F128-BGA112T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 128KB FLASH 112BGA In stock: 131 pcs RFQ
 EFM32G880F64G-E-QFP100R Manufacturers: Energy Micro (Silicon Labs) Description: 64K FLASH, 16K RAM, 4X40 LCD, AE In stock: Out stock RFQ	 EFM32G890F128G-E-BGA112 Manufacturers: Energy Micro (Silicon Labs) Description: 128K FLASH, 16K RAM, 4X40 LCD, A In stock: 168 pcs RFQ
 EFM32G890F128G-E-BGA112R Manufacturers: Energy Micro (Silicon Labs) Description: 128K FLASH, 16K RAM, 4X40 LCD, A In stock: Out stock RFQ	 EFM32G880F64G-E-QFP100 Manufacturers: Energy Micro (Silicon Labs) Description: 64K FLASH, 16K RAM, 4X40 LCD, AE In stock: 270 pcs RFQ
 EFM32G890F64-BGA112T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 64KB FLASH 112BGA In stock: Out stock RFQ	 EFM32G890F128-BGA112 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 128KB FLASH 112BGA In stock: Out stock RFQ