



Energy Micro (Silicon Labs)

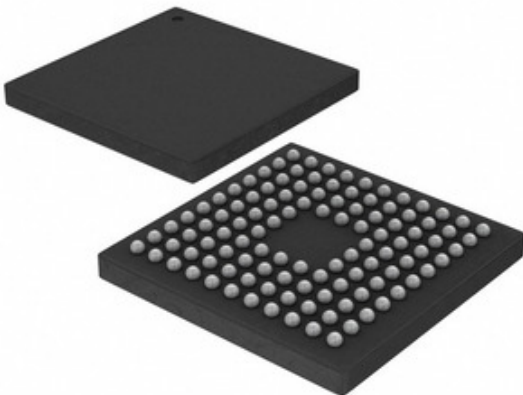


Image may be representation. See specifications for product details.

EFM32G890F32-BGA112T

Part Number:	EFM32G890F32-BGA112T
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	IC MCU 32BIT 32KB FLASH 112BGA  1.EFM32G890F32-BGA112T.pdf  2.EFM32G890F32-BGA112T.pdf  3.EFM32G890F32-BGA112T.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	34424 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

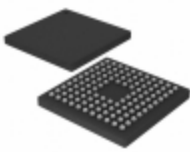
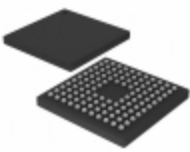
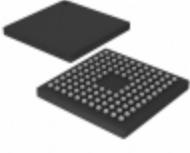
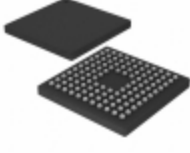
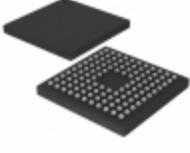
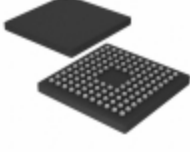
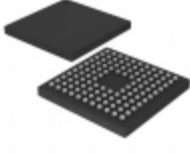
Specifications of EFM32G890F32-BGA112T

PART NUMBER	EFM32G890F32-BGA112T
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 32BIT 32KB FLASH 112BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	34424 pcs
DATA SHEET	 1.EFM32G890F32-BGA112T.pdf  2.EFM32G890F32-BGA112T.pdf  3.EFM32G890F32-BGA112T.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.85 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	Tray
PACKAGE / CASE	112-LFBGA
OTHER NAMES	EFM32G890F32-BGA112-T EFM32G890F32-T EFM32G890F32-T-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-BGA112T	EFM32G890F32-BGA112T Distributor	EFM32G890F32-BGA112T Supplier
EFM32G890F32-BGA112T Price	EFM32G890F32-BGA112T Pictures	EFM32G890F32-BGA112T Image
EFM32G890F32-BGA112T PDF Datasheet	EFM32G890F32-BGA112T Download Datasheet	EFM32G890F32-BGA112T Datasheet
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Related Products

 EFM32G890F32G-E-BGA112 Manufacturers: Energy Micro (Silicon Labs) Description: 32K FLASH, 8K RAM, 4X40 LCD, AES In stock: 36036 pcs RFQ	 EFM32G890F64G-E-BGA112R Manufacturers: Energy Micro (Silicon Labs) Description: 64K FLASH, 16K RAM, 4X40 LCD, AE In stock: 43794 pcs RFQ
 EFM32G890F128G-E-BGA112 Manufacturers: Energy Micro (Silicon Labs) Description: 128K FLASH, 16K RAM, 4X40 LCD, A In stock: 26826 pcs RFQ	 EFM32G890F32-BGA112 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 32KB FLASH 112BGA In stock: 36784 pcs RFQ
 EFM32G890F32G-E-BGA112R Manufacturers: Energy Micro (Silicon Labs) Description: 32K FLASH, 8K RAM, 4X40 LCD, AES In stock: 40638 pcs RFQ	 EFM32G890F64-BGA112T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 64KB FLASH 112BGA In stock: 39630 pcs RFQ
 EFM32G890F128-BGA112T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 128KB FLASH 112BGA In stock: 29352 pcs RFQ	 EFM32G890F64-BGA112 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 64KB FLASH 112BGA In stock: 37077 pcs RFQ
 EFM32G890F128G-E-BGA112R Manufacturers: Energy Micro (Silicon Labs) Description: 128K FLASH, 16K RAM, 4X40 LCD, A In stock: 33775 pcs RFQ	 EFM32G890F64G-E-BGA112 Manufacturers: Energy Micro (Silicon Labs) Description: 64K FLASH, 16K RAM, 4X40 LCD, AE In stock: 38983 pcs RFQ
 EFM32G890F128-BGA112 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 128KB FLASH 112BGA In stock: 29158 pcs RFQ	 EFM32G880F64G-E-QFP100R Manufacturers: Energy Micro (Silicon Labs) Description: 64K FLASH, 16K RAM, 4X40 LCD, AE In stock: 43818 pcs RFQ