



Energy Micro (Silicon Labs)

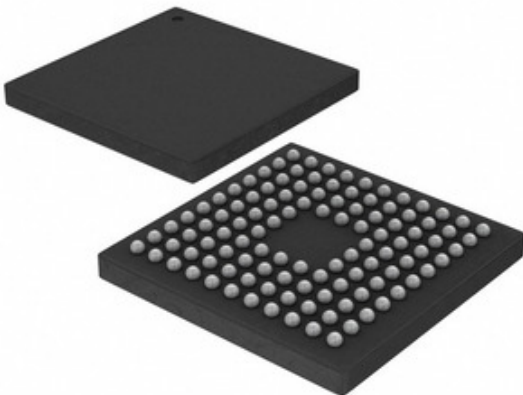


Image may be representation. See specifications for product details.

EFM32GG890F1024-BGA112

Part Number:	EFM32GG890F1024-BGA112
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	IC MCU 32BIT 1MB FLASH 112BGA  1.EFM32GG890F1024-BGA112.pdf  2.EFM32GG890F1024-BGA112.pdf  3.EFM32GG890F1024-BGA112.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	8099 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

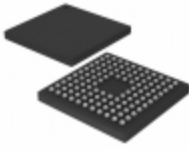
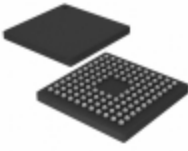
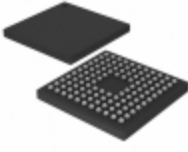
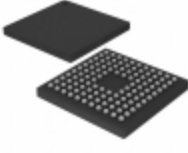
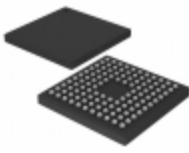
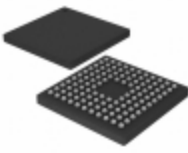
Specifications of EFM32GG890F1024-BGA112

PART NUMBER	EFM32GG890F1024-BGA112
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 32BIT 1MB FLASH 112BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	8099 pcs
DATA SHEET	 1.EFM32GG890F1024-BGA112.pdf  2.EFM32GG890F1024-BGA112.pdf  3.EFM32GG890F1024-BGA112.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.85 V ~ 3.8 V
SUPPLIER DEVICE PACKAGE	112-BGA (10x10)
SPEED	48MHz
SERIES	Giant Gecko
RAM SIZE	128K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	1MB (1M x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT
PACKAGING	Original-Reel®
PACKAGE / CASE	112-LFBGA
OTHER NAMES	914-1068-6
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 Giant Gecko Microcontroller IC 32-Bit 48MHz 1MB (1M 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) EFM32GG890F1024-BGA112	EFM32GG890F1024-BGA112 Distributor	EFM32GG890F1024-BGA112 Supplier
EFM32GG890F1024-BGA112 Price	EFM32GG890F1024-BGA112 Pictures	EFM32GG890F1024-BGA112 Image
EFM32GG890F1024-BGA112 PDF Datasheet	EFM32GG890F1024-BGA112 Download Datasheet	EFM32GG890F1024-BGA112 Datasheet
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Silicon Laboratories EFM32GG890F1024-BGA112	Silicon Labs EFM32GG890F1024-BGA112	

Related Products

 EFM32GG890F1024-BGA112T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 1MB FLASH 112BGA In stock: 11002 pcs RFQ	 EFM32GG890F1024G-E-BGA112 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 1MB FLASH 112BGA In stock: 13806 pcs RFQ
 EFM32GG880F512G-E-QFP100R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: 14068 pcs RFQ	 EFM32GG890F512-BGA112 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 512KB FLASH 112BGA In stock: 18499 pcs RFQ
 EFM32GG880F512G-E-QFP100 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: 13636 pcs RFQ	 EFM32GG890F512G-E-BGA112 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 512KB FLASH 112BGA In stock: 14967 pcs RFQ
 EFM32GG880F512-QFP100 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: 14178 pcs RFQ	 EFM32GG880F512-QFP100T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: 13559 pcs RFQ
 EFM32GG890F512-BGA112T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 512KB FLASH 112BGA In stock: 13922 pcs RFQ	 EFM32GG890F1024G-E-BGA112R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 1MB FLASH 112BGA In stock: 14993 pcs RFQ
 EFM32GG880F1024G-E-QFP100 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 1MB FLASH 100LQFP In stock: 12804 pcs RFQ	 EFM32GG880F1024G-E-QFP100R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 1MB FLASH 100LQFP In stock: 15482 pcs RFQ