



Part Number:EFM32GG890F512G-E-BGA112R

Manufacturer/Brand:Energy Micro (Silicon Labs)

Product descriptionIC MCU 32BIT 512KB FLASH 112BGA

1.EFM32GG890F512G-E-BGA112R.pdf

2.EFM32GG890F512G-E-BGA112R.pdf

3.EFM32GG890F512G-E-BGA112R.pdf

Datasheets:

RoHs Status

Lead free / RoHS Compliant

Stock Condition15965 pcs stock

Ship FromHong Kong

Shipment WayDHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

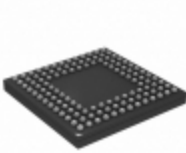
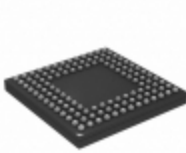
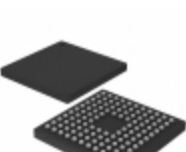
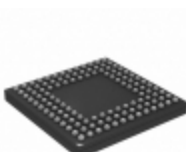
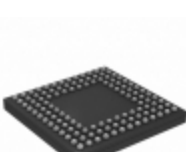
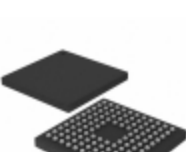
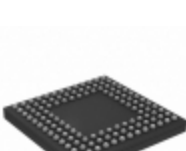
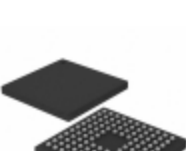
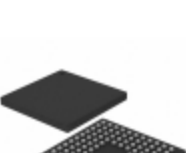
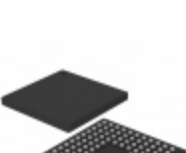
Specifications of EFM32GG890F512G-E-BGA112R

PART NUMBER	EFM32GG890F512G-E-BGA112R
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 32BIT 512KB FLASH 112BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	15965 pcs
DATA SHEET	1.EFM32GG890F512G-E-BGA112R.pdf 2.EFM32GG890F512G-E-BGA112R.pdf 3.EFM32GG890F512G-E-BGA112R.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.98 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	512KB (512K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	112-TFBGA
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 512KB (512K 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) EFM32GG890F512G-E-BGA112R	EFM32GG890F512G-E-BGA112R Distributor	EFM32GG890F512G-E-BGA112R Supplier
EFM32GG890F512G-E-BGA112R Price	EFM32GG890F512G-E-BGA112R Pictures	EFM32GG890F512G-E-BGA112R Image
EFM32GG890F512G-E-BGA112R PDF Datasheet	EFM32GG890F512G-E-BGA112R Download Datasheet	EFM32GG890F512G-E-BGA112R Datasheet
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Related Products

 EFM32GG895F512-BGA120T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 512KB FLASH 120BGA In stock: 12194 pcs RFQ	 EFM32GG895F512-BGA120 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 512KB FLASH 120BGA In stock: 16137 pcs RFQ
 EFM32GG890F1024G-E-BGA112 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 1MB FLASH 112BGA In stock: 13806 pcs RFQ	 EFM32GG895F1024G-E-BGA120 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 1MB FLASH 120BGA In stock: 11537 pcs RFQ
 EFM32GG895F1024-BGA120 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 1MB FLASH 120BGA In stock: 7612 pcs RFQ	 EFM32GG890F512G-E-BGA112 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 512KB FLASH 112BGA In stock: 14967 pcs RFQ
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 EFM32GG895F1024G-E-BGA120R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 1MB FLASH 120BGA In stock: 15228 pcs RFQ	 EFM32GG890F512-BGA112T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 512KB FLASH 112BGA In stock: 13922 pcs RFQ