



Energy Micro (Silicon Labs)

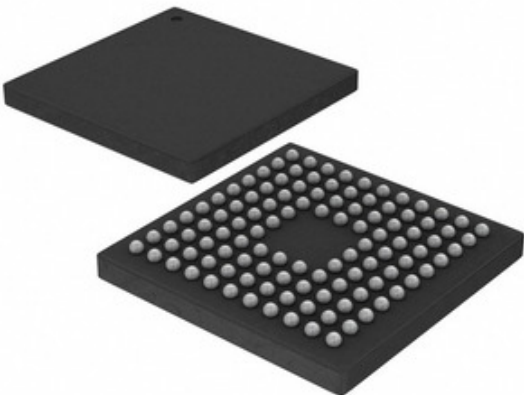


Image may be representation. See specifications for product details.

EFM32G890F128G-E-BGA112

Part Number:	EFM32G890F128G-E-BGA112
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	128K FLASH, 16K RAM, 4X40 LCD, A
Datasheets:	 EFM32G890F128G-E-BGA112.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	26826 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

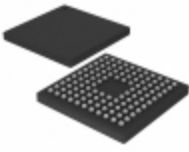
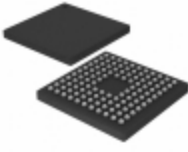
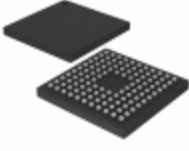
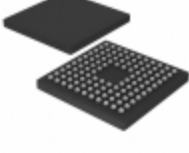
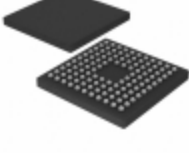
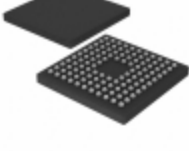
Specifications of EFM32G890F128G-E-BGA112

PART NUMBER	EFM32G890F128G-E-BGA112
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	128K FLASH, 16K RAM, 4X40 LCD, A
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	26826 pcs
DATA SHEET	 EFM32G890F128G-E-BGA112.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.98 V ~ 3.8 V
SUPPLIER DEVICE PACKAGE	112-BGA (10x10)
SPEED	32MHz
SERIES	Gecko
RAM SIZE	16K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	128KB (128K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	112-LFBGA
OTHER NAMES	336-4255 EFM32G890F128G-E-BGA112-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 128KB (128K 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) EFM32G890F128G-E-BGA112	EFM32G890F128G-E-BGA112 Distributor	EFM32G890F128G-E-BGA112 Supplier
EFM32G890F128G-E-BGA112 Price	EFM32G890F128G-E-BGA112 Pictures	EFM32G890F128G-E-BGA112 Image
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Related Products

 EFM32G890F32-BGA112 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 32KB FLASH 112BGA In stock: 36784 pcs RFQ	 EFM32G880F64G-E-QFP100 Manufacturers: Energy Micro (Silicon Labs) Description: 64K FLASH, 16K RAM, 4X40 LCD, AE In stock: 36558 pcs RFQ
 EFM32G880F64G-E-QFP100R Manufacturers: Energy Micro (Silicon Labs) Description: 64K FLASH, 16K RAM, 4X40 LCD, AE In stock: 43818 pcs RFQ	 EFM32G890F128-BGA112T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 128KB FLASH 112BGA In stock: 29352 pcs RFQ
 EFM32G890F32-BGA112T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 32KB FLASH 112BGA In stock: 34424 pcs RFQ	 EFM32G890F32G-E-BGA112 Manufacturers: Energy Micro (Silicon Labs) Description: 32K FLASH, 8K RAM, 4X40 LCD, AES In stock: 36036 pcs RFQ
 EFM32G890F128-BGA112 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 128KB FLASH 112BGA In stock: 29158 pcs RFQ	 EFM32G880F64-QFP100T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 64KB FLASH 100LQFP In stock: 36115 pcs RFQ
 EFM32G890F128G-E-BGA112R Manufacturers: Energy Micro (Silicon Labs) Description: 128K FLASH, 16K RAM, 4X40 LCD, A In stock: 33775 pcs RFQ	 EFM32G880F64-QFP100 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 64KB FLASH 100LQFP In stock: 30532 pcs RFQ
 EFM32G890F64-BGA112 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 64KB FLASH 112BGA In stock: 37077 pcs RFQ	 EFM32G890F32G-E-BGA112R Manufacturers: Energy Micro (Silicon Labs) Description: 32K FLASH, 8K RAM, 4X40 LCD, AES In stock: 40638 pcs RFQ