



Energy Micro (Silicon Labs)

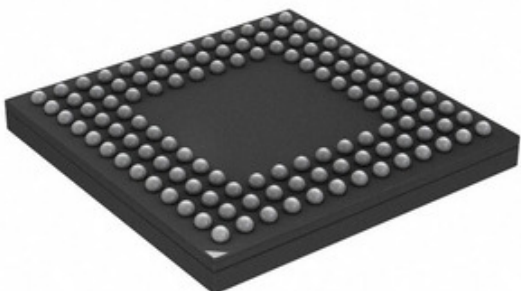


Image may be representation. See specifications for product details.

Part Number:	EFM32GG895F512G-E-BGA120
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	IC MCU 32BIT 512KB FLASH 120BGA PDF 1.EFM32GG895F512G-E-BGA120.pdf PDF 2.EFM32GG895F512G-E-BGA120.pdf PDF 3.EFM32GG895F512G-E-BGA120.pdf
Datasheets:	
RoHs Status	RoHS Lead free / RoHS Compliant
Stock Condition	18629 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

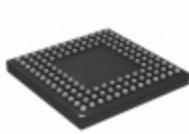
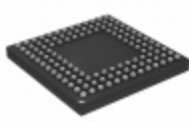
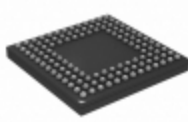
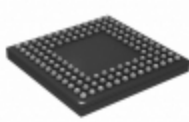
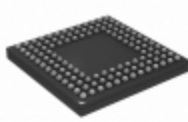
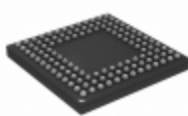
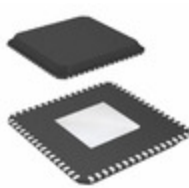
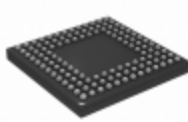
Specifications of EFM32GG895F512G-E-BGA120

PART NUMBER	EFM32GG895F512G-E-BGA120
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 32BIT 512KB FLASH 120BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	18629 pcs
DATA SHEET	PDF 1.EFM32GG895F512G-E-BGA120.pdf PDF 2.EFM32GG895F512G-E-BGA120.pdf PDF 3.EFM32GG895F512G-E-BGA120.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.98 V ~ 3.8 V
SUPPLIER DEVICE PACKAGE	120-BGA (7x7)
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	Tray
PACKAGE / CASE	120-VFBGA
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	93
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 120-BGA (7x7)
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) EFM32GG895F512G-E-BGA120	EFM32GG895F512G-E-BGA120 Distributor	EFM32GG895F512G-E-BGA120 Supplier
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EFM32GG895F512G-E-BGA120 PDF Datasheet	EFM32GG895F512G-E-BGA120 Download Datasheet	EFM32GG895F512G-E-BGA120 Datasheet
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Silicon Laboratories EFM32GG895F512G-E-BGA120	Silicon Labs EFM32GG895F512G-E-BGA120	

Related Products

 EFM32GG895F1024G-E-BGA120 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 1MB FLASH 120BGA In stock: 11537 pcs RFQ	 EFM32GG900F512G-D-D1I Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 512KB FLASH DIE In stock: 3675 pcs RFQ
 EFM32GG895F512-BGA120T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 512KB FLASH 120BGA In stock: 12194 pcs RFQ	 EFM32GG895F1024G-E-BGA120R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 1MB FLASH 120BGA In stock: 15228 pcs RFQ
 EFM32GG900F512G-E-D1I Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 512KB FLASH DIE In stock: 3158 pcs RFQ	 EFM32GG900F1024G-D-D1I Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 1MB FLASH DIE In stock: 6351 pcs RFQ
 EFM32GG895F512G-E-BGA120R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 512KB FLASH 120BGA In stock: 15431 pcs RFQ	 EFM32GG895F512-BGA120 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 512KB FLASH 120BGA In stock: 16137 pcs RFQ
 EFM32GG900F1024G-E-D1I Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 1MB FLASH DIE In stock: 12232 pcs RFQ	 EFM32GG895F1024-BGA120T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 1MB FLASH 120BGA In stock: 12548 pcs RFQ
 EFM32GG940F1024-QFN64 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 1MB FLASH 64QFN In stock: 15823 pcs RFQ	 EFM32GG895F1024-BGA120 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 1MB FLASH 120BGA In stock: 7612 pcs RFQ