




Energy Micro (Silicon Labs)

### EFM32GG995F512G-E-BGA120

Part Number:	EFM32GG995F512G-E-BGA120
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description:	IC MCU 32BIT 512KB FLASH 120BGA <a href="#">PDF</a> 1.EFM32GG995F512G-E-BGA120.pdf <a href="#">PDF</a> 2.EFM32GG995F512G-E-BGA120.pdf <a href="#">PDF</a> 3.EFM32GG995F512G-E-BGA120.pdf
Datasheets:	
RoHS Status:	 Lead free / RoHS Compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.

#### Specifications of EFM32GG995F512G-E-BGA120

PART NUMBER	EFM32GG995F512G-E-BGA120
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 32BIT 512KB FLASH 120BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	<a href="#">PDF</a> 1.EFM32GG995F512G-E-BGA120.pdf <a href="#">PDF</a> 2.EFM32GG995F512G-E-BGA120.pdf <a href="#">PDF</a> 3.EFM32GG995F512G-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)
MANUFACTURER STANDARD LEAD TIME	6 Weeks
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, I <sup>2</sup> C, IrDA, SmartCard, SPI, UART/USART, USB

#### Related Tags

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EFM32GG995F512G-E-BGA120 PDF Datasheet	EFM32GG995F512G-E-BGA120 Download Datasheet	EFM32GG995F512G-E-BGA120 Datasheet
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#### Related Products

 <p><b>EFM32GG995F1024G-E-BGA120</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 32BIT 1MB FLASH 120BGA                  In stock: 248 pcs  <a href="#">RFQ</a></p>	 <p><b>EFM32GG995F1024G-E-BGA120R</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 32BIT 1MB FLASH 120BGA                  In stock: Out stock  <a href="#">RFQ</a></p>
 <p><b>EFM32GG995F512-BGA120</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 32BIT 512KB FLASH 120BGA                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>EFM32HG108F32G-A-QFN24</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 32BIT 32KB FLASH 24QFN                  In stock: Out stock  <a href="#">RFQ</a></p>
 <p><b>EFM32HG108F32G-B-QFN24R</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 32BIT 32KB FLASH 24QFN                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>EFM32HG108F32G-A-QFN24R</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 32BIT 32KB FLASH 24QFN                  In stock: Out stock  <a href="#">RFQ</a></p>
 <p><b>EFM32HG108F32G-B-QFN24</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 32BIT 32KB FLASH 24QFN                  In stock: 525 pcs  <a href="#">RFQ</a></p>	 <p><b>EFM32GG995F1024-BGA120</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 32BIT 1MB FLASH 120BGA                  In stock: Out stock  <a href="#">RFQ</a></p>
 <p><b>EFM32HG108F64G-A-QFN24</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 32BIT 64KB FLASH 24QFN                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>EFM32GG995F512-BGA120T</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 32BIT 512KB FLASH 120BGA                  In stock: Out stock  <a href="#">RFQ</a></p>
 <p><b>EFM32GG995F512G-E-BGA120R</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 32BIT 512KB FLASH 120BGA                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>EFM32GG995F1024-BGA120T</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 32BIT 1MB FLASH 120BGA                  In stock: Out stock  <a href="#">RFQ</a></p>