

SILICON LABS

Energy Micro (Silicon Labs)



Part Number:	EFM32GG295F512G-E-BGA120
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	IC MCU 32BIT 512KB FLASH 120BGA
	 1.EFM32GG295F512G-E-BGA120.pdf
	 2.EFM32GG295F512G-E-BGA120.pdf
	 3.EFM32GG295F512G-E-BGA120.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	14421 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of EFM32GG295F512G-E-BGA120

PART NUMBER	EFM32GG295F512G-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	14421 pcs
DATA SHEET	 1.EFM32GG295F512G-E-BGA120.pdf  2.EFM32GG295F512G-E-BGA120.pdf  3.EFM32GG295F512G-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, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	120-VFBGA
OTHER NAMES	336-5331 EFM32GG295F512G-E-BGA120-ND
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) EFM32GG295F512G-E-BGA120	EFM32GG295F512G-E-BGA120 Distributor	EFM32GG295F512G-E-BGA120 Supplier
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EFM32GG295F512G-E-BGA120 PDF Datasheet	EFM32GG295F512G-E-BGA120 Download Datasheet	EFM32GG295F512G-E-BGA120 Datasheet
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Related Products

SILICON LABS EFM32GG330F1024G-E-QFN64R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 1024K FLASH 64QFN In stock: 17061 pcs RFQ	SILICON LABS EFM32GG330F1024G-E-QFN64 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 1MB FLASH 64QFN In stock: 15983 pcs RFQ
SILICON LABS EFM32GG295F1024-BGA120T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 1MB FLASH 120BGA In stock: 13397 pcs RFQ	SILICON LABS EFM32GG295F512-BGA120 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 512KB FLASH 120BGA In stock: 9420 pcs RFQ
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SILICON LABS EFM32GG295F1024G-E-BGA120R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 1MB FLASH 120BGA In stock: 15563 pcs RFQ	SILICON LABS EFM32GG295F1024-BGA120 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 1MB FLASH 120BGA In stock: 7901 pcs RFQ
SILICON LABS EFM32GG295F512-BGA120T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 512KB FLASH 120BGA In stock: 16425 pcs RFQ	SILICON LABS EFM32GG330F512-QFN64 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 512KB FLASH 64QFN In stock: 18783 pcs RFQ



