



SILICON LABS

Energy Micro (Silicon Labs)



Part Number:EFM32GG295F512-BGA120

Manufacturer/Brand:Energy Micro (Silicon Labs)

Product descriptionIC MCU 32BIT 512KB FLASH 120BGA

1.EFM32GG295F512-BGA120.pdf

2.EFM32GG295F512-BGA120.pdf

3.EFM32GG295F512-BGA120.pdf

Datasheets:

RoHs Status

Lead free / RoHS Compliant

Stock Condition9420 pcs stock

Ship FromHong Kong

Shipment WayDHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of EFM32GG295F512-BGA120

PART NUMBER	EFM32GG295F512-BGA120
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 32BIT 512KB FLASH 120BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	9420 pcs
DATA SHEET	1.EFM32GG295F512-BGA120.pdf 2.EFM32GG295F512-BGA120.pdf 3.EFM32GG295F512-BGA120.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.85 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	Cut Tape (CT)
PACKAGE / CASE	120-VFBGA
OTHER NAMES	914-1083-1
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

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Related Products

 SILICON LABS EFM32GG330F1024-QFN64 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 1MB FLASH 64QFN In stock: 12639 pcs RFQ	 SILICON LABS EFM32GG295F1024-BGA120T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 1MB FLASH 120BGA In stock: 13397 pcs RFQ
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