



SILICON LABS

Energy Micro (Silicon Labs)

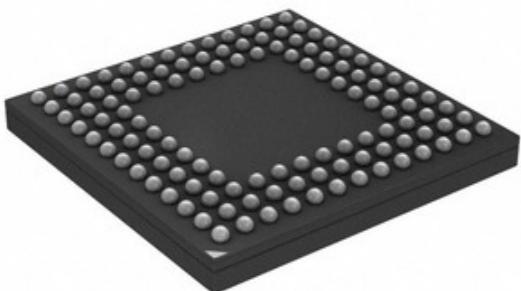


Image may be representation. See specifications for product details.

EFM32LG995F256G-E-BGA120R

Part Number:	EFM32LG995F256G-E-BGA120R
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	IC MCU 32BIT 256KB FLASH 120BGA  1.EFM32LG995F256G-E-BGA120R.pdf  2.EFM32LG995F256G-E-BGA120R.pdf  3.EFM32LG995F256G-E-BGA120R.pdf  4.EFM32LG995F256G-E-BGA120R.pdf  5.EFM32LG995F256G-E-BGA120R.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	19371 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

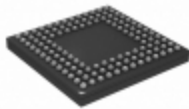
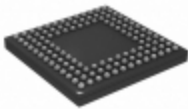
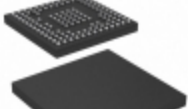
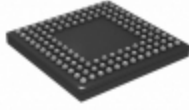
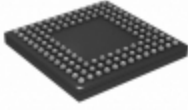
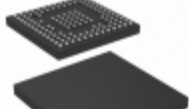
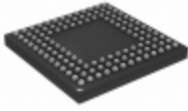
Specifications of EFM32LG995F256G-E-BGA120R

PART NUMBER	EFM32LG995F256G-E-BGA120R
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 32BIT 256KB FLASH 120BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	19371 pcs
DATA SHEET	 1.EFM32LG995F256G-E-BGA120R.pdf  2.EFM32LG995F256G-E-BGA120R.pdf  3.EFM32LG995F256G-E-BGA120R.pdf  4.EFM32LG995F256G-E-BGA120R.pdf  5.EFM32LG995F256G-E-BGA120R.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.85 V ~ 3.8 V
SUPPLIER DEVICE PACKAGE	120-BGA (7x7)
SPEED	48MHz
SERIES	Leopard Gecko
RAM SIZE	32K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	256KB (256K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT
PACKAGING	Tape & Reel (TR)
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 Leopard Gecko Microcontroller IC 32-Bit 48MHz 256KB (256K 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, USB

Related Tags

Energy Micro (Silicon Labs) EFM32LG995F256G-E-BGA120R	EFM32LG995F256G-E-BGA120R Distributor	EFM32LG995F256G-E-BGA120R Supplier
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EFM32LG995F256G-E-BGA120R PDF Datasheet	EFM32LG995F256G-E-BGA120R Download Datasheet	EFM32LG995F256G-E-BGA120R Datasheet
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Related Products

 SILICON LABS EFM32LG995F128-BGA120T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 128KB FLASH 120BGA In stock: 6144 pcs RFQ	 SILICON LABS EFM32LG995F64-BGA120 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 64KB FLASH 120BGA In stock: 6591 pcs RFQ
 EFM32LG995F128G-E-BGA120R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 128KB FLASH 120BGA In stock: 27423 pcs RFQ	 EFM32LG995F256G-E-BGA120 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 120BGA In stock: 18734 pcs RFQ
 SILICON LABS EFM32LG995F256-BGA120 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 120BGA In stock: 5981 pcs RFQ	 EFM32PG12B500F1024GL125-B Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 1MB FLASH 125BGA In stock: 20671 pcs RFQ
 EFM32LG995F64G-E-BGA120 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 64KB FLASH 120BGA In stock: 29229 pcs RFQ	 EFM32LG995F128G-E-BGA120 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 128KB FLASH 120BGA In stock: 24072 pcs RFQ
 EFM32PG12B500F1024GL125-BR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 1MB FLASH 125BGA In stock: 22800 pcs RFQ	 SILICON LABS EFM32LG995F64-BGA120T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 64KB FLASH 120BGA In stock: 4351 pcs RFQ
 SILICON LABS EFM32LG995F256-BGA120T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 120BGA In stock: 5752 pcs RFQ	 EFM32LG995F64G-E-BGA120R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 64KB FLASH 120BGA In stock: 27543 pcs RFQ

