



Energy Micro (Silicon Labs)

### EFM32LG395F256G-E-BGA120R

Part Number:	EFM32LG395F256G-E-BGA120R
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description:	IC MCU 32BIT 256KB FLASH 120BGA
	<a href="#">1.EFM32LG395F256G-E-BGA120R.pdf</a>
	<a href="#">2.EFM32LG395F256G-E-BGA120R.pdf</a>
	<a href="#">3.EFM32LG395F256G-E-BGA120R.pdf</a>
	<a href="#">4.EFM32LG395F256G-E-BGA120R.pdf</a>
	<a href="#">5.EFM32LG395F256G-E-BGA120R.pdf</a>
Datasheets:	
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	21561 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

**REQUEST FOR QUOTATION**

Image may be representation. See specifications for product details.

#### Specifications of EFM32LG395F256G-E-BGA120R

PART NUMBER	EFM32LG395F256G-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	21561 pcs
DATA SHEET	<a href="#">1.EFM32LG395F256G-E-BGA120R.pdf</a> <a href="#">2.EFM32LG395F256G-E-BGA120R.pdf</a> <a href="#">3.EFM32LG395F256G-E-BGA120R.pdf</a> <a href="#">4.EFM32LG395F256G-E-BGA120R.pdf</a> <a href="#">5.EFM32LG395F256G-E-BGA120R.pdf</a>
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, 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) EFM32LG395F256G-E-BGA120R	EFM32LG395F256G-E-BGA120R Distributor	EFM32LG395F256G-E-BGA120R Supplier
EFM32LG395F256G-E-BGA120R Price	EFM32LG395F256G-E-BGA120R Pictures	EFM32LG395F256G-E-BGA120R Image
EFM32LG395F256G-E-BGA120R PDF Datasheet	EFM32LG395F256G-E-BGA120R Download Datasheet	EFM32LG395F256G-E-BGA120R Datasheet
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Silicon Laboratories EFM32LG395F256G-E-BGA120R	Silicon Labs EFM32LG395F256G-E-BGA120R	

#### Related Products

<p><b>EFM32LG395F256-BGA120T</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 32BIT 256KB FLASH 120BGA                  In stock: 3462 pcs  <a href="#">RFQ</a></p>	<p><b>EFM32LG395F256G-E-BGA120</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 32BIT 256KB FLASH 120BGA                  In stock: 21849 pcs  <a href="#">RFQ</a></p>
<p><b>EFM32LG395F64-BGA120T</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 32BIT 64KB FLASH 120BGA                  In stock: 3404 pcs  <a href="#">RFQ</a></p>	<p><b>EFM32LG840F128-QFN64</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 32BIT 128KB FLASH 64QFN                  In stock: 3512 pcs  <a href="#">RFQ</a></p>
<p><b>EFM32LG395F128G-E-BGA120</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 32BIT 128KB FLASH 120BGA                  In stock: 26811 pcs  <a href="#">RFQ</a></p>	<p><b>EFM32LG840F128-QFN64T</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 32BIT 128KB FLASH 64QFN                  In stock: 6606 pcs  <a href="#">RFQ</a></p>
<p><b>EFM32LG395F128-BGA120T</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 32BIT 128KB FLASH 120BGA                  In stock: 5020 pcs  <a href="#">RFQ</a></p>	<p><b>EFM32LG395F64G-E-BGA120R</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 32BIT 64KB FLASH 120BGA                  In stock: 28842 pcs  <a href="#">RFQ</a></p>
<p><b>EFM32LG395F64G-E-BGA120</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 32BIT 64KB FLASH 120BGA                  In stock: 27265 pcs  <a href="#">RFQ</a></p>	<p><b>EFM32LG395F128G-E-BGA120R</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 32BIT 128KB FLASH 120BGA                  In stock: 23141 pcs  <a href="#">RFQ</a></p>
<p><b>EFM32LG395F64-BGA120</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 32BIT 64KB FLASH 120BGA                  In stock: 4774 pcs  <a href="#">RFQ</a></p>	<p><b>EFM32LG395F256-BGA120</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 32BIT 256KB FLASH 120BGA                  In stock: 3729 pcs  <a href="#">RFQ</a></p>

