

EFM32LG295F256G-E-BGA120

EFM32LG295F256G-E-BGA120 Information

Part Number EFM32LG295F256G-E-BGA120

Manufacturer Silicon Labs

Category Integrated Circuits (ICs)

Embedded - Microcontrollers

Description IC MCU 32BIT 256KB FLASH 120BGA

Package 120-VFBGA

For the pricing/inventory/lead time, please contact

us

For Reference Only

Website: https://www.heisener.com

E-mail: salesdept@heisener.com



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EFM32LG295F256G-E-BGA120 Specifications

Manufacturer Part Number EFM32LG295F256G-E-BGA120 Manufacturer Silicon Labs Category Integrated Circuits (ICs) Embedded - Microcontrollers Package 120-VFBGA Series Leopard Gecko Core Processor ARM? Cortex?-M3 Core Size 32-Bit Speed 48MHz Connectivity EBI/EMI, 12C, IrDA, SmartCard, SPI, UART/USART Peripherals Brown-out Detect/Reset, DMA, POR, PWM, WDT Number of I/O 93 Program Memory Size 256KB (256K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 32K x 8 Voltage - Supply (Vcc/Vdd) 1.85 V ~ 3.8 V Data Converters A/D 8x12b, D/A 2x12b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 120-VFBGA Sumplier Device Package 120-VFBGA		
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Speed 48MHz Connectivity EBI/EMI, 12C, IrDA, SmartCard, SPI, UART/USART Peripherals Brown-out Detect/Reset, DMA, POR, PWM, WDT Number of I/O 93 Program Memory Size 256KB (256K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 32K x 8 Voltage - Supply (Vcc/Vdd) 1.85 V ~ 3.8 V Data Converters A/D 8x12b, D/A 2x12b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 120-VFBGA	Core Processor	ARM? Cortex?-M3
Connectivity EBI/EMI, 12C, IrDA, SmartCard, SPI, UART/USART Peripherals Brown-out Detect/Reset, DMA, POR, PWM, WDT Number of I/O 93 Program Memory Size 256KB (256K x 8) Program Memory Type FLASH EEPROM Size RAM Size 32K x 8 Voltage - Supply (Vcc/Vdd) 1.85 V ~ 3.8 V Data Converters A/D 8x12b, D/A 2x12b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type Package / Case 120-VFBGA	Core Size	32-Bit
Peripherals Brown-out Detect/Reset, DMA, POR, PWM, WDT Number of I/O 93 Program Memory Size 256KB (256K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 32K x 8 Voltage - Supply (Vcc/Vdd) 1.85 V ~ 3.8 V Data Converters A/D 8x12b, D/A 2x12b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type Package / Case 120-VFBGA	Speed	48MHz
Number of I/O 93 Program Memory Size 256KB (256K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 32K x 8 Voltage - Supply (Vcc/Vdd) 1.85 V ~ 3.8 V Data Converters A/D 8x12b, D/A 2x12b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 120-VFBGA	Connectivity	EBI/EMI, I2C, IrDA, SmartCard, SPI, UART/USART
Program Memory Size 256KB (256K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 32K x 8 Voltage - Supply (Vcc/Vdd) 1.85 V ~ 3.8 V Data Converters A/D 8x12b, D/A 2x12b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 120-VFBGA	Peripherals	Brown-out Detect/Reset, DMA, POR, PWM, WDT
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EEPROM Size - 32K x 8 Voltage - Supply (Vcc/Vdd) 1.85 V ~ 3.8 V Data Converters A/D 8x12b, D/A 2x12b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 120-VFBGA	Program Memory Size	256KB (256K x 8)
RAM Size 32K x 8 Voltage - Supply (Vcc/Vdd) 1.85 V ~ 3.8 V Data Converters A/D 8x12b, D/A 2x12b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 120-VFBGA	Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd) Data Converters A/D 8x12b, D/A 2x12b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 120-VFBGA	EEPROM Size	-
	RAM Size	32K x 8
Oscillator Type Internal Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (TA) Mounting Type - Package / Case 120-VFBGA	Voltage - Supply (Vcc/Vdd)	1.85 V ~ 3.8 V
Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 120-VFBGA	Data Converters	A/D 8x12b, D/A 2x12b
Mounting Type - Package / Case 120-VFBGA	Oscillator Type	Internal
Package / Case 120-VFBGA	Operating Temperature	$-40^{\circ}\text{C} \sim 85^{\circ}\text{C} \text{ (TA)}$
	Mounting Type	-
Supplier Device Package 120-BGA (7x7)	Package / Case	120-VFBGA
Supplied 2 street meanings	Supplier Device Package	120-BGA (7x7)
Report errors?		Report errors?

EFM32LG295F256G-E-BGA120 Guarantees



Ouality Guarantees

We provide 90 days warranty. *

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

EFM32LG295F256G-E-BGA120 Payment Methods



















EFM32LG295F256G-E-BGA120 Shipping Methods













If you have any question about EFM32LG295F256G-E-BGA120, please do not hesitate to contact us!

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