

EFM32WG295F256-BGA120



SILICON LABS



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Part Number:

EFM32WG295F256-BGA120

Manufacturer:

Energy Micro (Silicon Labs)

Description:

IC MCU 32BIT 256KB FLASH 120BGA

Data sheet:

 [EFM32WG295](#)

 [EFM32WG Reference Manual](#)

 [EFM32WG Family Errata](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

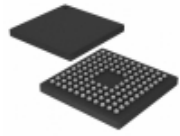
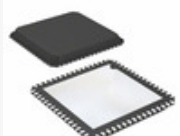
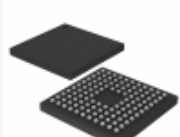
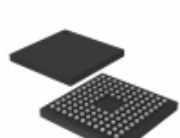
Shipment Way:

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See Product Specifications for product details.
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Request For Quotation

PRODUCT PARAMETER			
Part Number	EFM32WG295F256-BGA120	Manufacturer	Energy Micro (Silicon Labs)
Description	IC MCU 32BIT 256KB FLASH 120BGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	18051 pcs	Data sheet	EFM32WG295 EFM32WG Reference Manual EFM32WG Family Errata
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.85 V ~ 3.8 V
Supplier Device Package	120-BGA (7x7)	Speed	48MHz
Series	Wonder Gecko	RAM Size	32K x 8
Program Memory Type	FLASH	Program Memory Size	256KB (256K x 8)
Peripherals	Brown-out Detect/Reset, DMA, I ² S, POR, PWM, WDT	Packaging	Tape & Reel (TR)
Package / Case	120-VFBGA	Other Names	914-1097-2 EFM32WG295F256 EFM32WG295F256-ND
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	93	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	6 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	ARM® Cortex®-M4F Wonder 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®-M4F	Connectivity	EBI/EMI, PC, IrDA, SmartCard, SPI, UART/USART
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