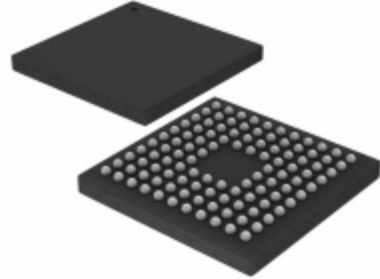


EFM32WG990F256-BGA112T



**SILICON LABS**

Part Number: [EFM32WG990F256-BGA112T](#)

Manufacturer: [Energy Micro \(Silicon Labs\)](#)

Description: IC MCU 32BIT 256KB FLASH 112BGA

Data sheet:  [EFM32WG Reference Manual](#)
 [EFM32WG990](#)
 [EFM32WG Family Errata](#)

RoHs Status: Lead free / RoHS Compliant

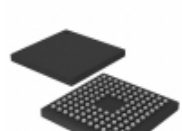
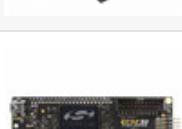
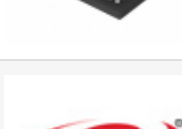
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.
See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	EFM32WG990F256-BGA112T	Manufacturer	Energy Micro (Silicon Labs)
Description	IC MCU 32BIT 256KB FLASH 112BGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	21569 pcs	Data sheet	EFM32WG Reference Manual EFM32WG990 EFM32WG Family Errata
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.85 V ~ 3.8 V
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	Tray	Package / Case	112-LFBGA
Other Names	EFM32WG990F256-BGA112-T EFM32WG990F256-T EFM32WG990F256-T-ND	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	86
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	Data Converters	A/D 8x12b, D/A 2x12b
Core Size	32-Bit	Core Processor	ARM® Cortex®-M4F
Connectivity	EBI/EMI, I ² C, IrDA, SmartCard, SPI, UART/USART		
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	Part#: EFM32WG990F64-BGA112 Description: IC MCU 32BIT 64KB FLASH 112BGA	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32ZG108F16-QFN24 Description: IC MCU 32BIT 16KB FLASH 24QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32ZG-STK3200 Description: KIT STARTER EFM32	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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	Part#: EFM32WG980F128-QFP100T Description: IC MCU 32BIT 128KB FLASH 100LQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32WG990F256-BGA112 Description: IC MCU 32BIT 256KB FLASH 112BGA	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32WG942F64-QFP64T Description: IC MCU 32BIT 64KB FLASH 64TQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32WG995F128-BGA120T Description: IC MCU 32BIT 128KB FLASH 120BGA	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32WG990F128-BGA112 Description: IC MCU 32BIT 128KB FLASH 112BGA	Manufacturers: Energy Micro (Silicon Labs)	RFQ

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