



Energy Micro (Silicon Labs)

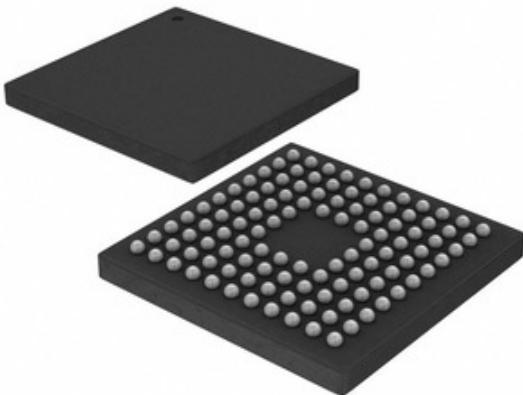


Image may be representation. See specifications for product details.

EFM32GG990F512-BGA112T

Part Number:	EFM32GG990F512-BGA112T
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	IC MCU 32BIT 512KB FLASH 112BGA
	 1.EFM32GG990F512-BGA112T.pdf
	 2.EFM32GG990F512-BGA112T.pdf
	 3.EFM32GG990F512-BGA112T.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	14343 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

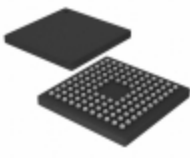
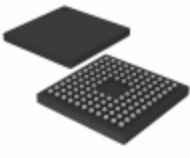
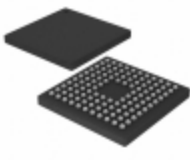
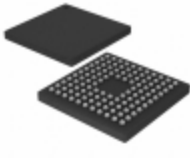
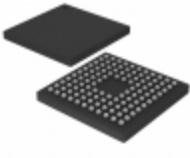
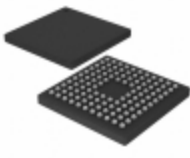
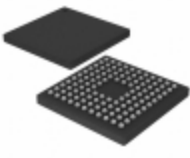
Specifications of EFM32GG990F512-BGA112T

PART NUMBER	EFM32GG990F512-BGA112T
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 32BIT 512KB FLASH 112BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	14343 pcs
DATA SHEET	 1.EFM32GG990F512-BGA112T.pdf  2.EFM32GG990F512-BGA112T.pdf  3.EFM32GG990F512-BGA112T.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.85 V ~ 3.8 V
SUPPLIER DEVICE PACKAGE	112-BGA (10x10)
SPEED	48MHz
SERIES	Giant Gecko
RAM SIZE	128K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	512KB (512K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	112-LFBGA
OTHER NAMES	EFM32GG990F512-BGA112-T EFM32GG990F512-T EFM32GG990F512-T-ND
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	87
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M3 Giant Gecko Microcontroller IC 32-Bit 48MHz 512KB (512K x 8) FLASH 112-BGA (10x10)
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) EFM32GG990F512-BGA112T	EFM32GG990F512-BGA112T Distributor	EFM32GG990F512-BGA112T Supplier
EFM32GG990F512-BGA112T Price	EFM32GG990F512-BGA112T Pictures	EFM32GG990F512-BGA112T Image
EFM32GG990F512-BGA112T PDF Datasheet	EFM32GG990F512-BGA112T Download Datasheet	EFM32GG990F512-BGA112T Datasheet
EFM32GG990F512-BGA112T Stock	Buy EFM32GG990F512-BGA112T	Buy Energy Micro (Silicon Labs) EFM32GG990F512-BGA112T
Energy Micro (Silicon Labs) EFM32GG990F512-BGA112T	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) EFM32GG990F512-BGA112T	Energy Micro EFM32GG990F512-BGA112T	Energy Micro (Silicon Labs) EFM32GG990F512-BGA112T
Silicon Laboratories EFM32GG990F512-BGA112T	Silicon Labs EFM32GG990F512-BGA112T	

Related Products

 EFM32GG990F1024-BGA112T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 1MB FLASH 112BGA In stock: 9239 pcs RFQ	 EFM32GG995F1024-BGA120T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 1MB FLASH 120BGA In stock: 12433 pcs RFQ
 EFM32GG995F1024G-E-BGA120R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 1MB FLASH 120BGA In stock: 11924 pcs RFQ	 EFM32GG990F512G-E-BGA112R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 512KB FLASH 112BGA In stock: 19350 pcs RFQ
 EFM32GG980F512G-E-QFP100R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: 16382 pcs RFQ	 EFM32GG995F1024G-E-BGA120 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 1MB FLASH 120BGA In stock: 12566 pcs RFQ
 EFM32GG990F512G-E-BGA112 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 512KB FLASH 112BGA In stock: 16416 pcs RFQ	 EFM32GG995F1024-BGA120 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 1MB FLASH 120BGA In stock: 12721 pcs RFQ
 EFM32GG990F1024-BGA112 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 1MB FLASH 112BGA In stock: 11538 pcs RFQ	 EFM32GG990F1024G-E-BGA112 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 1MB FLASH 112BGA In stock: 12760 pcs RFQ
 EFM32GG990F1024G-E-BGA112R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 1MB FLASH 112BGA In stock: 11488 pcs RFQ	 EFM32GG990F512-BGA112 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 512KB FLASH 112BGA In stock: 13617 pcs RFQ