



Energy Micro (Silicon Labs)

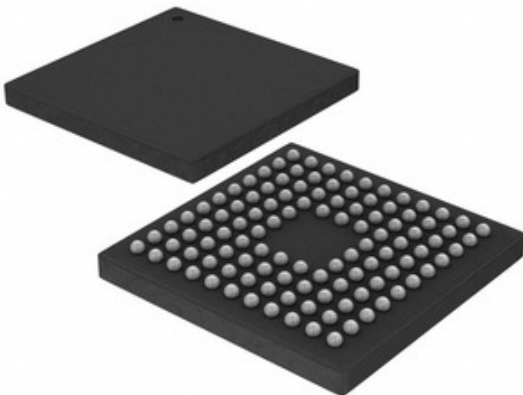


Image may be representation. See specifications for product details.

Part Number:	EFM32GG990F512G-E-BGA112R
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	IC MCU 32BIT 512KB FLASH 112BGA
	 1.EFM32GG990F512G-E-BGA112R.pdf
	 2.EFM32GG990F512G-E-BGA112R.pdf
	 3.EFM32GG990F512G-E-BGA112R.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	19350 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

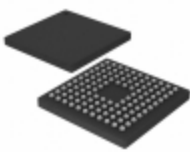
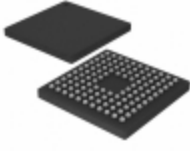
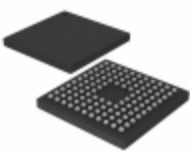
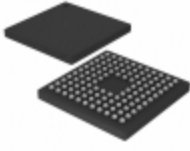
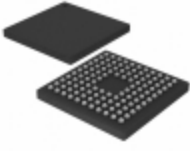
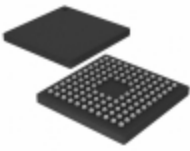
Specifications of EFM32GG990F512G-E-BGA112R

PART NUMBER	EFM32GG990F512G-E-BGA112R
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 32BIT 512KB FLASH 112BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	19350 pcs
DATA SHEET	 1.EFM32GG990F512G-E-BGA112R.pdf  2.EFM32GG990F512G-E-BGA112R.pdf  3.EFM32GG990F512G-E-BGA112R.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.98 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	Tape & Reel (TR)
PACKAGE / CASE	112-TFBGA
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) EFM32GG990F512G-E-BGA112R	EFM32GG990F512G-E-BGA112R Distributor	EFM32GG990F512G-E-BGA112R Supplier
EFM32GG990F512G-E-BGA112R Price	EFM32GG990F512G-E-BGA112R Pictures	EFM32GG990F512G-E-BGA112R Image
EFM32GG990F512G-E-BGA112R PDF Datasheet	EFM32GG990F512G-E-BGA112R Download Datasheet	EFM32GG990F512G-E-BGA112R Datasheet
EFM32GG990F512G-E-BGA112R Stock	Buy EFM32GG990F512G-E-BGA112R	Buy Energy Micro (Silicon Labs) EFM32GG990F512G-E-BGA112R
Energy Micro (Silicon Labs) EFM32GG990F512G-E-BGA112R	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) EFM32GG990F512G-E-BGA112R	Energy Micro EFM32GG990F512G-E-BGA112R	Energy Micro (Silicon Labs) EFM32GG990F512G-E-BGA112R
Silicon Laboratories EFM32GG990F512G-E-BGA112R	Silicon Labs EFM32GG990F512G-E-BGA112R	

Related Products

 EFM32GG995F1024G-E-BGA120 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 1MB FLASH 120BGA In stock: 12566 pcs RFQ	 EFM32GG995F1024-BGA120T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 1MB FLASH 120BGA In stock: 12433 pcs RFQ
 EFM32GG990F512G-E-BGA112 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 512KB FLASH 112BGA In stock: 16416 pcs RFQ	 EFM32GG995F512-BGA120 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 512KB FLASH 120BGA In stock: 15576 pcs RFQ
 EFM32GG990F1024-BGA112T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 1MB FLASH 112BGA In stock: 9239 pcs RFQ	 EFM32GG995F1024-BGA120 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 1MB FLASH 120BGA In stock: 12721 pcs RFQ
 EFM32GG995F1024G-E-BGA120R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 1MB FLASH 120BGA In stock: 11924 pcs RFQ	 EFM32GG990F512-BGA112 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 512KB FLASH 112BGA In stock: 13617 pcs RFQ
 EFM32GG990F1024G-E-BGA112R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 1MB FLASH 112BGA In stock: 11488 pcs RFQ	 EFM32GG990F512-BGA112T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 512KB FLASH 112BGA In stock: 14343 pcs RFQ
 EFM32GG995F512-BGA120T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 512KB FLASH 120BGA In stock: 12045 pcs RFQ	 EFM32GG990F1024G-E-BGA112 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 1MB FLASH 112BGA In stock: 12760 pcs RFQ