



SILICON LABS

Energy Micro (Silicon Labs)



Part Number:	EFM32LG900F256G-E-D1I
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	IC MCU 32BIT 256KB FLASH DIE
	 1.EFM32LG900F256G-E-D1I.pdf
	 2.EFM32LG900F256G-E-D1I.pdf
Datasheets:	 Lead free / RoHS Compliant
RoHs Status	
Stock Condition	21347 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

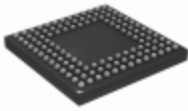
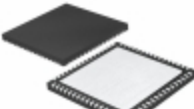
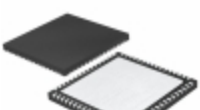
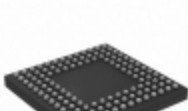
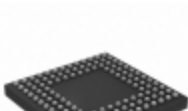
Specifications of EFM32LG900F256G-E-D1I

PART NUMBER	EFM32LG900F256G-E-D1I
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 32BIT 256KB FLASH DIE
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	21347 pcs
DATA SHEET	 1.EFM32LG900F256G-E-D1I.pdf  2.EFM32LG900F256G-E-D1I.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.98 V ~ 3.8 V
SPEED	48MHz
SERIES	Leopard Gecko
RAM SIZE	32K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	256KB (256K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	93
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M3 Leopard 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®-M3
CONNECTIVITY	EBI/EMI, I²C, IrDA, SmartCard, SPI, UART/USART

Related Tags

Energy Micro (Silicon Labs) EFM32LG900F256G-E-D1I	EFM32LG900F256G-E-D1I Distributor	EFM32LG900F256G-E-D1I Supplier
EFM32LG900F256G-E-D1I Price	EFM32LG900F256G-E-D1I Pictures	EFM32LG900F256G-E-D1I Image
EFM32LG900F256G-E-D1I PDF Datasheet	EFM32LG900F256G-E-D1I Download Datasheet	EFM32LG900F256G-E-D1I Datasheet
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Related Products

 EFM32LG940F256-QFN64T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 64QFN In stock: 6108 pcs RFQ	 EFM32LG895F256G-E-BGA120 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 120BGA In stock: 18979 pcs RFQ
 EFM32LG895F64-BGA120T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 64KB FLASH 120BGA In stock: 5599 pcs RFQ	 EFM32LG940F256-QFN64 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 64QFN In stock: 6008 pcs RFQ
 EFM32LG940F128-QFN64 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 128KB FLASH 64QFN In stock: 7009 pcs RFQ	 EFM32LG895F64G-E-BGA120R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 64KB FLASH 120BGA In stock: 28661 pcs RFQ
 EFM32LG895F64-BGA120 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 64KB FLASH 120BGA In stock: 4380 pcs RFQ	 EFM32LG940F128G-E-QFN64 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 128KB FLASH 64QFN In stock: 27442 pcs RFQ
 EFM32LG940F128-QFN64T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 128KB FLASH 64QFN In stock: 6172 pcs RFQ	 EFM32LG895F256G-E-BGA120R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 120BGA In stock: 24246 pcs RFQ
 EFM32LG940F128G-E-QFN64R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 128KB FLASH 64QFN In stock: 29787 pcs RFQ	 EFM32LG895F64G-E-BGA120 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 64KB FLASH 120BGA In stock: 24777 pcs RFQ