



SILICON LABS

Energy Micro (Silicon Labs)



Image may be representation. See specifications for product details.

EFM32LG280F128G-E-QFP100

Part Number:	EFM32LG280F128G-E-QFP100
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	IC MCU 32BIT 128KB FLASH 100LQFP 1.EFM32LG280F128G-E-QFP100.pdf 2.EFM32LG280F128G-E-QFP100.pdf 3.EFM32LG280F128G-E-QFP100.pdf 4.EFM32LG280F128G-E-QFP100.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	22465 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of EFM32LG280F128G-E-QFP100

PART NUMBER	EFM32LG280F128G-E-QFP100
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 32BIT 128KB FLASH 100LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	22465 pcs
DATA SHEET	1.EFM32LG280F128G-E-QFP100.pdf 2.EFM32LG280F128G-E-QFP100.pdf 3.EFM32LG280F128G-E-QFP100.pdf 4.EFM32LG280F128G-E-QFP100.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.85 V ~ 3.8 V
SUPPLIER DEVICE PACKAGE	100-LQFP (14x14)
SPEED	48MHz
SERIES	Leopard Gecko
RAM SIZE	32K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	128KB (128K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	100-LQFP
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	86
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M3 Leopard Gecko Microcontroller IC 32-Bit 48MHz 128KB (128K x 8) FLASH 100-LQFP (14x14)
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

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