



EFM32LG842F128G-E-QFP64R

Part Number:	EFM32LG842F128G-E-QFP64R
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description:	IC MCU 32BIT 128KB FLASH 64TQFP
	PDF 1.EFM32LG842F128G-E-QFP64R.pdf PDF 2.EFM32LG842F128G-E-QFP64R.pdf PDF 3.EFM32LG842F128G-E-QFP64R.pdf PDF 4.EFM32LG842F128G-E-QFP64R.pdf PDF 5.EFM32LG842F128G-E-QFP64R.pdf
Datasheets:	
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	35213 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of EFM32LG842F128G-E-QFP64R

PART NUMBER	EFM32LG842F128G-E-QFP64R
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 32BIT 128KB FLASH 64TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	35213 pcs
DATA SHEET	PDF 1.EFM32LG842F128G-E-QFP64R.pdf PDF 2.EFM32LG842F128G-E-QFP64R.pdf PDF 3.EFM32LG842F128G-E-QFP64R.pdf PDF 4.EFM32LG842F128G-E-QFP64R.pdf PDF 5.EFM32LG842F128G-E-QFP64R.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.85 V ~ 3.8 V
SUPPLIER DEVICE PACKAGE	64-TQFP (10x10)
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, LCD, POR, PWM, WDT
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	64-TQFP
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	53
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 64-TQFP (10x10)
DATA CONVERTERS	A/D 8x12b, D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M3
CONNECTIVITY	I ² C, IrDA, SmartCard, SPI, UART/USART

Related Tags

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