




Micrel / Microchip Technology

DSPIC33EP256MU810-I/BG

Part Number:	DSPIC33EP256MU810-I/BG
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC MCU 16BIT 256KB FLASH 121BGA PDF 1.DSPIC33EP256MU810-I/BG.pdf PDF 2.DSPIC33EP256MU810-I/BG.pdf PDF 3.DSPIC33EP256MU810-I/BG.pdf
Datasheets:	
RoHS Status:	 Lead free / RoHS Compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.

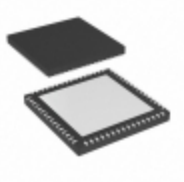
Specifications of DSPIC33EP256MU810-I/BG

PART NUMBER	DSPIC33EP256MU810-I/BG
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 16BIT 256KB FLASH 121BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	PDF 1.DSPIC33EP256MU810-I/BG.pdf PDF 2.DSPIC33EP256MU810-I/BG.pdf PDF 3.DSPIC33EP256MU810-I/BG.pdf
VOLTAGE - SUPPLY (VCC/VDD)	3 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	121-TFBGA (10x10)
SPEED	60 MIPS
SERIES	dsPIC™ 33EP
RAM SIZE	12K x 16
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	256KB (85.5K x 24)
PERIPHERALS	Brown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	121-TFBGA
OTHER NAMES	DSPIC33EP256MU810IBG
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	83
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	13 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	dsPIC dsPIC™ 33EP Microcontroller IC 16-Bit 60 MIPS 256KB (85.5K x 24) FLASH 121-TFBGA (10x10)
DATA CONVERTERS	A/D 32x10b/12b
CORE SIZE	16-Bit
CORE PROCESSOR	dsPIC
CONNECTIVITY	CANbus, I ² C, IrDA, LINbus, QEI, SPI, UART/USART, USB OTG
BASE PART NUMBER	DSPIC33EP256MU810

Related Tags

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