



Micrel / Microchip Technology

DSPIC33EP256MU810T-E/PF

Part Number:	DSPIC33EP256MU810T-E/PF
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC MCU 16BIT 256KB FLASH 100TQFP
Datasheets:	1.DSPIC33EP256MU810T-E/PF.pdf 2.DSPIC33EP256MU810T-E/PF.pdf 3.DSPIC33EP256MU810T-E/PF.pdf
RoHS Status:	Lead free / RoHS Compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Specifications of DSPIC33EP256MU810T-E/PF

PART NUMBER	DSPIC33EP256MU810T-E/PF
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 16BIT 256KB FLASH 100TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.DSPIC33EP256MU810T-E/PF.pdf 2.DSPIC33EP256MU810T-E/PF.pdf 3.DSPIC33EP256MU810T-E/PF.pdf
VOLTAGE - SUPPLY (VCC/VDD)	3 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	100-TQFP (14x14)
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	Tape & Reel (TR)
PACKAGE / CASE	100-TQFP
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 125°C (TA)
NUMBER OF I/O	83
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
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 100-TQFP (14x14)
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

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