

DSPIC33EP256GM706-I/PT



Part Number: [DSPIC33EP256GM706-I/PT](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 16BIT 256KB FLASH 64QFN

Data sheet:  [dsPIC33EPyyyGM3yy,6yy,7yy](#)
 [dsPIC33EPyyyGM3,6,7 Family Errata](#)

RoHs Status: Lead free / RoHS Compliant

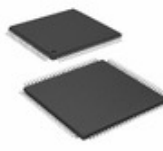
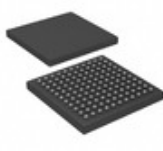
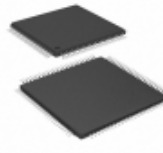
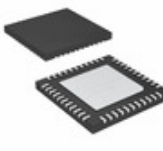
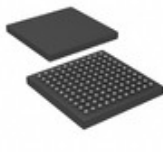
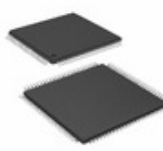
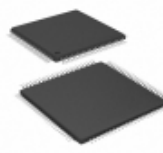
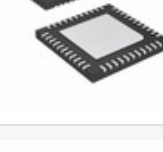
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PRODUCT PARAMETER			
Part Number	DSPIC33EP256GM706-I/PT	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 16BIT 256KB FLASH 64QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	18867 pcs	Data sheet	dsPIC33EPyyyGM3yy,6yy,7yy dsPIC33EPyyyGM3,6,7 Family Errata
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	3 V ~ 3.6 V
Supplier Device Package	64-QFN (9x9)	Speed	70 MIPs
Series	dsPIC™ 33EP	RAM Size	32K x 8
Program Memory Type	FLASH	Program Memory Size	256KB (85.5K x 24)
Peripherals	Brown-out Detect/Reset, DMA, I²S, Motor Control PWM, POR, PWM, WDT	Packaging	Tray
Package / Case	64-VFQFN Exposed Pad	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	53
Moisture Sensitivity Level (MSL) ¹	(Unlimited)	Manufacturer Standard Lead Time	12 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	dsPIC dsPIC™ 33EP Microcontroller IC 16-Bit 70 MIPs 256KB (85.5K x 24) FLASH 64-QFN (9x9)	Data Converters	A/D 30x10b/12b
Core Size	16-Bit	Core Processor	dsPIC
Connectivity	CANbus, I²C, IrDA, LINbus, QEI, SPI, UART/USART	Base Part Number	DSPIC33EP256GM706
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RELATED PRODUCTS			
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	Part#: DSPIC33EP256GM710-H/PT Description: IC MCU 16BIT 256KB FLASH 100TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP256GM604T-I/ML Description: IC MCU 16BIT 256KB FLASH 44QFN	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: DSPIC33EP256GM604T-I/PT Description: IC MCU 16BIT 256KB FLASH 44TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP256GM706-E/PT Description: IC MCU 16BIT 256KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP256GM604-H/PT Description: IC MCU 16BIT 256KB FLASH 44TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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Related keywords for DSPIC33EP256GM706-I/PT

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