

MSP430F1612IPM



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Part Number: [MSP430F1612IPM](#)

Manufacturer: [N/A](#)

Description: [IC MCU 16BIT 55KB FLASH 64LQFP](#)

Data sheet:

RoHs Status: [Lead free / RoHS Compliant](#)

Ship From: [Hong Kong](#)

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PRODUCT PARAMETER			
Part Number	MSP430F1612IPM	Manufacturer	N/A
Description	IC MCU 16BIT 55KB FLASH 64LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	8637 pcs	Data sheet	
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.8 V ~ 3.6 V
Supplier Device Package	64-LQFP (10x10)	Speed	8MHz
Series	MSP430x1xx	RAM Size	5K x 8
Program Memory Type	FLASH	Program Memory Size	55KB (55K x 8 + 256B)
Peripherals	Brown-out Detect/Reset, DMA, POR, PWM, WDT	Packaging	Tray
Package / Case	64-LQFP	Other Names	296-17885
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	48	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	8 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	MSP430 MSP430x1xx Microcontroller IC 16-Bit 8MHz 55KB (55K x 8 + 256B) FLASH 64-LQFP (10x10)
Data Converters	A/D 8x12b, D/A 2x12b	Core Size	16-Bit
Core Processor	MSP430	Connectivity	I ² C, SPI, UART/USART
Base Part Number	MSP430F1612		
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	Part#: MSP430F167IPMR Description: IC MCU 16BIT 32KB FLASH 64LQFP	Manufacturers: N/A	RFQ
	Part#: MSP430F1610IPM Description: IC MCU 16BIT 32KB FLASH 64LQFP	Manufacturers: N/A	RFQ
	Part#: MSP430F168IRTDR Description: IC MCU 16BIT 48KB FLASH 64VQFN	Manufacturers: N/A	RFQ
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	Part#: MSP430F1611IPMR Description: IC MCU 16BIT 48KB FLASH 64LQFP	Manufacturers: N/A	RFQ
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	Part#: MSP430F1611IPM Description: IC MCU 16BIT 48KB FLASH 64LQFP	Manufacturers: N/A	RFQ
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	Part#: MSP430F157IRTD Description: IC MCU 16BIT 32KB FLASH 64VQFN	Manufacturers: N/A	RFQ
	Part#: MSP430F168IPM Description: IC MCU 16BIT 48KB FLASH 64LQFP	Manufacturers: N/A	RFQ
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