

MSP430F168IRTDT



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Part Number: [MSP430F168IRTDT](#)

Manufacturer: [N/A](#)

Description: [IC MCU 16BIT 48KB FLASH 64VQFN](#)

Data sheet:

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

Ship From: [Hong Kong](#)

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PRODUCT PARAMETER			
Part Number	MSP430F168IRTDT	Manufacturer	N/A
Description	IC MCU 16BIT 48KB FLASH 64VQFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	8505 pcs	Data sheet	
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.8 V ~ 3.6 V
Supplier Device Package	64-VQFN (9x9)	Speed	8MHz
Series	MSP430x1xx	RAM Size	2K x 8
Program Memory Type	FLASH	Program Memory Size	48KB (48K x 8 + 256B)
Peripherals	Brown-out Detect/Reset, DMA, POR, PWM, WDT	Packaging	Original-Reel®
Package / Case	64-VFQFN Exposed Pad	Other Names	296-20716-6
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	6 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	MSP430 MSP430x1xx Microcontroller IC 16-Bit 8MHz 48KB (48K x 8 + 256B) FLASH 64-VQFN (9x9)
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	MSP430F168		
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	Part#: MSP430F2001IN Description: IC MCU 16BIT 1KB FLASH 14DIP	Manufacturers: N/A	RFQ
	Part#: MSP430F1612IRTD R Description: IC MCU 16BIT 55KB FLASH 64VQFN	Manufacturers: N/A	RFQ
	Part#: MSP430F2001IRSAT Description: IC MCU 16BIT 1KB FLASH 16QFN	Manufacturers: N/A	RFQ
	Part#: MSP430F169IPMR Description: IC MCU 16BIT 60KB FLASH 64LQFP	Manufacturers: N/A	RFQ
	Part#: MSP430F167IPMR Description: IC MCU 16BIT 32KB FLASH 64LQFP	Manufacturers: N/A	RFQ
	Part#: MSP430F2001TN Description: IC MCU 16BIT 1KB FLASH 14DIP	Manufacturers: N/A	RFQ
	Part#: MSP430F168IPMR Description: IC MCU 16BIT 48KB FLASH 64LQFP	Manufacturers: N/A	RFQ
	Part#: MSP430F169IPM Description: IC MCU 16BIT 60KB FLASH 64LQFP	Manufacturers: N/A	RFQ
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	Part#: MSP430F168IRTD R Description: IC MCU 16BIT 48KB FLASH 64VQFN	Manufacturers: N/A	RFQ
	Part#: MSP430F168IPM Description: IC MCU 16BIT 48KB FLASH 64LQFP	Manufacturers: N/A	RFQ
	Part#: MSP430F169IRTD T Description: IC MCU 16BIT 60KB FLASH 64VQFN	Manufacturers: N/A	RFQ
	Part#: MSP430F1612IRTD T Description: IC MCU 16BIT 55KB FLASH 64VQFN	Manufacturers: N/A	RFQ
	Part#: MSP430F167IPM Description: IC MCU 16BIT 32KB FLASH 64LQFP	Manufacturers: N/A	RFQ
	Part#: MSP430F169IRTD R Description: IC MCU 16BIT 60KB FLASH 64VQFN	Manufacturers: N/A	RFQ
	Part#: MSP430F2001IPW Description: IC MCU 16BIT 1KB FLASH 14TSSOP	Manufacturers: N/A	RFQ
	Part#: MSP430F2001IRSAR Description: IC MCU 16BIT 1KB FLASH 16QFN	Manufacturers: N/A	RFQ
	Part#: MSP430F1612IPMR Description: IC MCU 16BIT 55KB FLASH 64LQFP	Manufacturers: N/A	RFQ
	Part#: MSP430F167IRTD R Description: IC MCU 16BIT 32KB FLASH 64VQFN	Manufacturers: N/A	RFQ
	Part#: MSP430F167IRTD T Description: IC MCU 16BIT 32KB FLASH 64VQFN	Manufacturers: N/A	RFQ

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