



MSP430F168IRTDT

Part Number:	MSP430F168IRTDT
Manufacturer/Brand:	N/A
Product description	IC MCU 16BIT 48KB FLASH 64VQFN
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	6405 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of MSP430F168IRTDT

PART NUMBER	MSP430F168IRTDT
MANUFACTURER	N/A
DESCRIPTION	IC MCU 16BIT 48KB FLASH 64VQFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	6405 pcs
DATA SHEET	
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)
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	I²C, SPI, UART/USART
BASE PART NUMBER	MSP430F168

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	MSP430F168IPMR Manufacturers: N/A Description: IC MCU 16BIT 48KB FLASH 64LQFP In stock: 10974 pcs RFQ		MSP430F2001IN Manufacturers: N/A Description: IC MCU 16BIT 1KB FLASH 14DIP In stock: 61279 pcs RFQ
	MSP430F168IPM Manufacturers: N/A Description: IC MCU 16BIT 48KB FLASH 64LQFP In stock: 6498 pcs RFQ		MSP430F169IRTD Manufacturers: N/A Description: IC MCU 16BIT 60KB FLASH 64VQFN In stock: 5654 pcs RFQ
	MSP430F169IPM Manufacturers: N/A Description: IC MCU 16BIT 60KB FLASH 64LQFP In stock: 6286 pcs RFQ		MSP430F169IRTD Manufacturers: N/A Description: IC MCU 16BIT 60KB FLASH 64VQFN In stock: 9051 pcs RFQ
	MSP430F167IPMR Manufacturers: N/A Description: IC MCU 16BIT 32KB FLASH 64LQFP In stock: 13127 pcs RFQ		MSP430F2001IPW Manufacturers: N/A Description: IC MCU 16BIT 1KB FLASH 14TSSOP In stock: 75636 pcs RFQ
	MSP430F167IRTD Manufacturers: N/A Description: IC MCU 16BIT 32KB FLASH 64VQFN In stock: 6747 pcs RFQ		MSP430F167IRTD Manufacturers: N/A Description: IC MCU 16BIT 32KB FLASH 64VQFN In stock: 11527 pcs RFQ
	MSP430F168IRTD Manufacturers: N/A Description: IC MCU 16BIT 48KB FLASH 64VQFN In stock: 11083 pcs RFQ		MSP430F169IPMR Manufacturers: N/A Description: IC MCU 16BIT 60KB FLASH 64LQFP In stock: 6611 pcs RFQ