


N/A

**MSP430F148IRTD R**

Part Number:	MSP430F148IRTD R
Manufacturer/Brand:	N/A
Product description:	IC MCU 16BIT 48KB FLASH 64VQFN
Datasheets:	
RoHS Status:	 Lead free / RoHS Compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

[REQUEST FOR QUOTATION](#)

Image may be representation. See specifications for product details.

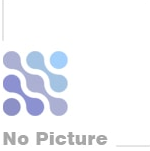
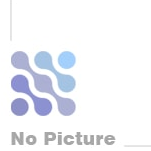
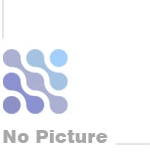
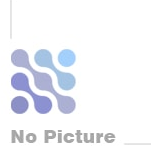
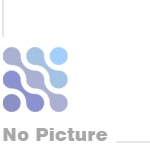

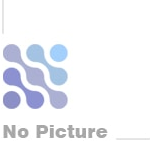
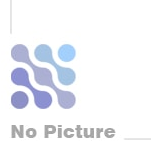
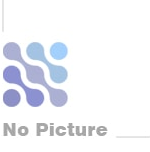
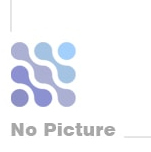
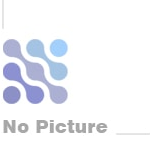
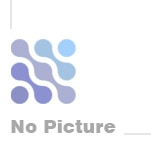
**Specifications of MSP430F148IRTD R**

PART NUMBER	MSP430F148IRTD R
MANUFACTURER	N/A
DESCRIPTION	IC MCU 16BIT 48KB FLASH 64VQFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
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	POR, PWM, WDT
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	64-VFQFN Exposed Pad
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 48KB (48K x 8 + 256B) FLASH 64-VQFN (9x9)
DATA CONVERTERS	A/D 8x12b
CORE SIZE	16-Bit
CORE PROCESSOR	MSP430
CONNECTIVITY	SPI, UART/USART
BASE PART NUMBER	MSP430F148

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**Related Products**

 <p><b>MSP430F148IPMG4</b> Manufacturers: N/A Description: IC MCU 16BIT 48KB FLASH 64LQFP In stock: 11977 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>MSP430F1491IRTD R</b> Manufacturers: N/A Description: IC MCU 16BIT 60KB FLASH 64VQFN In stock: 16594 pcs</p> <p><a href="#">RFQ</a></p>
 <p><b>MSP430F148IPM</b> Manufacturers: N/A Description: IC MCU 16BIT 48KB FLASH 64LQFP In stock: 15789 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>MSP430F148IRTD T</b> Manufacturers: N/A Description: IC MCU 16BIT 48KB FLASH 64VQFN In stock: 13332 pcs</p> <p><a href="#">RFQ</a></p>
 <p><b>MSP430F1491IPMR</b> Manufacturers: N/A Description: IC MCU 16BIT 60KB FLASH 64LQFP In stock: 13803 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>MSP430F1481IRTD R</b> Manufacturers: N/A Description: IC MCU 16BIT 48KB FLASH 64VQFN In stock: 17658 pcs</p> <p><a href="#">RFQ</a></p>
 <p><b>MSP430F1491IPMG4</b> Manufacturers: N/A Description: IC MCU 16BIT 60KB FLASH 64LQFP In stock: 10891 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>MSP430F148IPAG</b> Manufacturers: N/A Description: IC MCU 16BIT 48KB FLASH 64TQFP In stock: 16118 pcs</p> <p><a href="#">RFQ</a></p>
 <p><b>MSP430F148IPMR</b> Manufacturers: N/A Description: IC MCU 16BIT 48KB FLASH 64LQFP In stock: 15521 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>MSP430F1491IPM</b> Manufacturers: N/A Description: IC MCU 16BIT 60KB FLASH 64LQFP In stock: 17055 pcs</p> <p><a href="#">RFQ</a></p>
 <p><b>MSP430F1481IRTD T</b> Manufacturers: N/A Description: IC MCU 16BIT 48KB FLASH 64VQFN In stock: 11681 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>MSP430F1491IPMRG4</b> Manufacturers: N/A Description: IC MCU 16BIT 60KB FLASH 64LQFP In stock: 16021 pcs</p> <p><a href="#">RFQ</a></p>