

N/A

### MSP430F413IRTD

Part Number: MSP430F413IRTD  
 Manufacturer/Brand: N/A  
 Product description: IC MCU 16BIT 8KB FLASH 64VQFN  
 Datasheets:  
 RoHS Status: Lead free / RoHS Compliant  
 Ship From: Hong Kong  
 Shipment Way: DHL/Fedex/TNT/UPS/EMS



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Image may be representation. See specifications for product details.

#### Specifications of MSP430F413IRTD

PART NUMBER	MSP430F413IRTD
MANUFACTURER	N/A
DESCRIPTION	IC MCU 16BIT 8KB 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	MSP430x4xx
RAM SIZE	256 x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	8KB (8K x 8 + 256B)
PERIPHERALS	Brown-out Detect/Reset, LCD, POR, PWM, WDT
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	64-VFQFN Exposed Pad
OTHER NAMES	296-17412-2
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 MSP430x4xx Microcontroller IC 16-Bit 8MHz 8KB (8K x 8 + 256B) FLASH 64-VQFN (9x9)
DATA CONVERTERS	Slope A/D
CORE SIZE	16-Bit
CORE PROCESSOR	MSP430
CONNECTIVITY	-
BASE PART NUMBER	MSP430F413

#### Related Tags

MSP430F413IRTD	MSP430F413IRTD Distributor	MSP430F413IRTD Supplier
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#### Related Products

<p><b>MSP430F413IPM</b>                  Manufacturers: N/A                  Description: IC MCU 16BIT 8KB FLASH 64LQFP                  In stock: 51851 pcs  <a href="#">RFQ</a></p>	<p><b>MSP430F4132IPM</b>                  Manufacturers: N/A                  Description: IC MCU 16BIT 8KB FLASH 64LQFP                  In stock: 35749 pcs  <a href="#">RFQ</a></p>
<p><b>MSP430F4132IRGZR</b>                  Manufacturers: N/A                  Description: IC MCU 16BIT 8KB FLASH 48VQFN                  In stock: 61096 pcs  <a href="#">RFQ</a></p>	<p><b>MSP430F4152IPM</b>                  Manufacturers: N/A                  Description: IC MCU 16BIT 16KB FLASH 64LQFP                  In stock: 43859 pcs  <a href="#">RFQ</a></p>
<p><b>MSP430F4152IRGZ</b>                  Manufacturers: N/A                  Description: IC MCU 16BIT 16KB FLASH 48VQFN                  In stock: 4926 pcs  <a href="#">RFQ</a></p>	<p><b>MSP430F4132IRGZT</b>                  Manufacturers: N/A                  Description: IC MCU 16BIT 8KB FLASH 48VQFN                  In stock: 44873 pcs  <a href="#">RFQ</a></p>
<p><b>MSP430F4152IRGZR</b>                  Manufacturers: N/A                  Description: IC MCU 16BIT 16KB FLASH 48VQFN                  In stock: 42419 pcs  <a href="#">RFQ</a></p>	<p><b>MSP430F413IPMR</b>                  Manufacturers: N/A                  Description: IC MCU 16BIT 8KB FLASH 64LQFP                  In stock: 50230 pcs  <a href="#">RFQ</a></p>
<p><b>MSP430F4152IPMR</b>                  Manufacturers: N/A                  Description: IC MCU 16BIT 16KB FLASH 64LQFP                  In stock: 46493 pcs  <a href="#">RFQ</a></p>	<p><b>MSP430F413IRTD</b>                  Manufacturers: N/A                  Description: IC MCU 16BIT 8KB FLASH 64VQFN                  In stock: 57355 pcs  <a href="#">RFQ</a></p>
<p><b>MSP430F4152IRGZT</b>                  Manufacturers: N/A                  Description: IC MCU 16BIT 16KB FLASH 48VQFN                  In stock: 31309 pcs  <a href="#">RFQ</a></p>	<p><b>MSP430F4132IPMR</b>                  Manufacturers: N/A                  Description: IC MCU 16BIT 8KB FLASH 64LQFP                  In stock: 64238 pcs  <a href="#">RFQ</a></p>