


N/A

**MSP430FR6977IPZR**

Part Number:	MSP430FR6977IPZR
Manufacturer/Brand:	N/A
Product description:	IC MCU 16BIT 64KB FRAM 100LQFP
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.


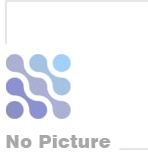
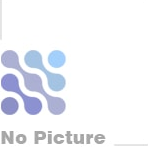
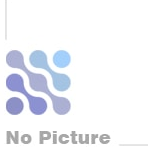

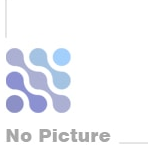
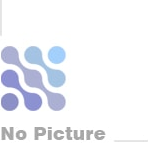
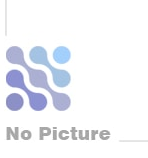
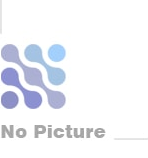
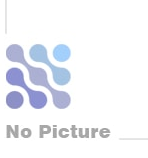

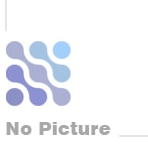
**Specifications of MSP430FR6977IPZR**

PART NUMBER	MSP430FR6977IPZR
MANUFACTURER	N/A
DESCRIPTION	IC MCU 16BIT 64KB FRAM 100LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	1.8 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	100-LQFP (14x14)
SPEED	16MHz
SERIES	MSP430™ FRAM
RAM SIZE	2K x 8
PROGRAM MEMORY TYPE	FRAM
PROGRAM MEMORY SIZE	64KB (64K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	100-LQFP
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	63
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	7 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	CPUXV2 MSP430™ FRAM Microcontroller IC 16-Bit 16MHz 64KB (64K x 8) FRAM 100-LQFP (14x14)
DATA CONVERTERS	A/D 16x12b
CORE SIZE	16-Bit
CORE PROCESSOR	CPUXV2
CONNECTIVITY	I <sup>2</sup> C, IrDA, SCI, SPI, UART/USART

**Related Tags**

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**Related Products**

 <p><b>MSP430FR6979IPNR</b> Manufacturers: N/A Description: IC MCU 16BIT 128KB FRAM 80LQFP In stock: 21856 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>MSP430FR6972IRGCR</b> Manufacturers: N/A Description: IC MCU 16BIT 64KB FRAM 64VQFN In stock: 35802 pcs</p> <p><a href="#">RFQ</a></p>
 <p><b>MSP430FR6977IPN</b> Manufacturers: N/A Description: IC MCU 16BIT 64KB FRAM 80LQFP In stock: 17128 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>MSP430FR69791IPN</b> Manufacturers: N/A Description: IC MCU 16BIT 128KB FRAM 80LQFP In stock: 14886 pcs</p> <p><a href="#">RFQ</a></p>
 <p><b>MSP430FR69791PN</b> Manufacturers: N/A Description: IC MCU 16BIT 128KB FRAM 80LQFP In stock: 17940 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>MSP430FR69791IPZR</b> Manufacturers: N/A Description: IC MCU 16BIT 128KB FRAM 100LQFP In stock: 21618 pcs</p> <p><a href="#">RFQ</a></p>
 <p><b>MSP430FR69791IPZ</b> Manufacturers: N/A Description: IC MCU 16BIT 128KB FRAM 100LQFP In stock: 14392 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>MSP430FR6977IPZ</b> Manufacturers: N/A Description: IC MCU 16BIT 64KB FRAM 100LQFP In stock: 13223 pcs</p> <p><a href="#">RFQ</a></p>
 <p><b>MSP430FR6972IRGCT</b> Manufacturers: N/A Description: IC MCU 16BIT 64KB FRAM 64VQFN In stock: 30055 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>MSP430FR69791IPNR</b> Manufacturers: N/A Description: IC MCU 16BIT 128KB FRAM 80LQFP In stock: 26090 pcs</p> <p><a href="#">RFQ</a></p>
 <p><b>MSP430FR6972IPMR</b> Manufacturers: N/A Description: IC MCU 16BIT 64KB FRAM 64LQFP In stock: 37801 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>MSP430FR6977IPNR</b> Manufacturers: N/A Description: IC MCU 16BIT 64KB FRAM 80LQFP In stock: 23778 pcs</p> <p><a href="#">RFQ</a></p>