


N/A

**MSP430FR6987IPN**

Part Number:	MSP430FR6987IPN
Manufacturer/Brand:	N/A
Product description:	IC MCU 16BIT 64KB FRAM 80LQFP
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.

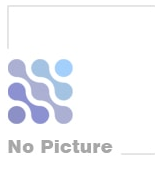
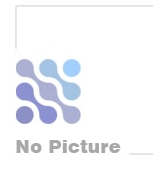
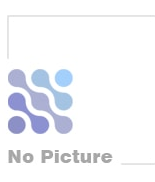
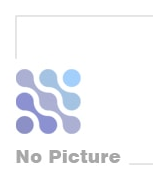
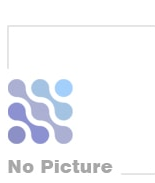

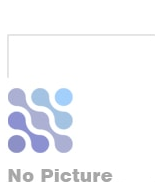


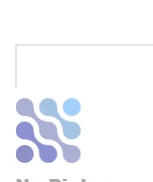
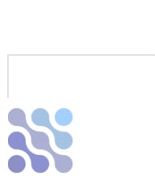
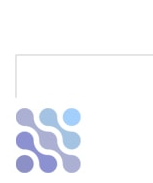
**Specifications of MSP430FR6987IPN**

PART NUMBER	MSP430FR6987IPN
MANUFACTURER	N/A
DESCRIPTION	IC MCU 16BIT 64KB FRAM 80LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	1.8 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	80-LQFP (12x12)
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	Tray
PACKAGE / CASE	80-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	26 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 80-LQFP (12x12)
DATA CONVERTERS	A/D 12x12b
CORE SIZE	16-Bit
CORE PROCESSOR	CPUXV2
CONNECTIVITY	I <sup>2</sup> C, IrDA, SPI, UART/USART

**Related Tags**

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**Related Products**

 <p><b>MSP430FR6979IPN</b> Manufacturers: N/A Description: IC MCU 16BIT 128KB FRAM 80LQFP In stock: 17940 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>MSP430FR6988IPNR</b> Manufacturers: N/A Description: IC MCU 16BIT 96KB FRAM 80LQFP In stock: 25322 pcs</p> <p><a href="#">RFQ</a></p>
 <p><b>MSP430FR6987IPNR</b> Manufacturers: N/A Description: IC MCU 16BIT 64KB FRAM 80LQFP In stock: 21680 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>MSP430FR6988IPN</b> Manufacturers: N/A Description: IC MCU 16BIT 96KB FRAM 80LQFP In stock: 18933 pcs</p> <p><a href="#">RFQ</a></p>
 <p><b>MSP430FR6987IPZR</b> Manufacturers: N/A Description: IC MCU 16BIT 64KB FRAM 100LQFP In stock: 21616 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>MSP430FR6979IPZ</b> Manufacturers: N/A Description: IC MCU 16BIT 128KB FRAM 100LQFP In stock: 12403 pcs</p> <p><a href="#">RFQ</a></p>
 <p><b>MSP430FR69791PZR</b> Manufacturers: N/A Description: IC MCU 16BIT 128KB FRAM 100LQFP In stock: 21618 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>MSP430FR6988IPZ</b> Manufacturers: N/A Description: IC MCU 16BIT 96KB FRAM 100LQFP In stock: 13780 pcs</p> <p><a href="#">RFQ</a></p>
 <p><b>MSP430FR6987IPZ</b> Manufacturers: N/A Description: IC MCU 16BIT 64KB FRAM 100LQFP In stock: 15671 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>MSP430FR69791PZ</b> Manufacturers: N/A Description: IC MCU 16BIT 128KB FRAM 100LQFP In stock: 14392 pcs</p> <p><a href="#">RFQ</a></p>
 <p><b>MSP430FR69791PZR</b> Manufacturers: N/A Description: IC MCU 16BIT 128KB FRAM 100LQFP In stock: 23574 pcs</p> <p><a href="#">RFQ</a></p>	 <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>