


N/A

**MSP430F133IPAG**

Part Number:	MSP430F133IPAG
Manufacturer/Brand:	N/A
Product description:	IC MCU 16BIT 8KB FLASH 64TQFP
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.

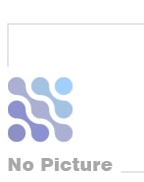
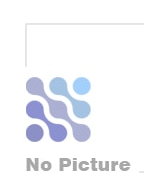










**Specifications of MSP430F133IPAG**

PART NUMBER	MSP430F133IPAG
MANUFACTURER	N/A
DESCRIPTION	IC MCU 16BIT 8KB FLASH 64TQFP
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-TQFP (10x10)
SPEED	8MHz
SERIES	MSP430x1xx
RAM SIZE	256 x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	8KB (8K x 8 + 256B)
PERIPHERALS	POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	64-TQFP
OTHER NAMES	296-15853 296-15853-ND 296-15894
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	48
MOISTURE SENSITIVITY LEVEL (MSL)	4 (72 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 8KB (8K x 8 + 256B) FLASH 64-TQFP (10x10)
DATA CONVERTERS	A/D 8x12b
CORE SIZE	16-Bit
CORE PROCESSOR	MSP430
CONNECTIVITY	SPI, UART/USART
BASE PART NUMBER	MSP430F133

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 <p><b>MSP430F123IPW</b> Manufacturers: N/A Description: IC MCU 16BIT 8KB FLASH 28TSSOP In stock: 36375 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>MSP430F133IPM</b> Manufacturers: N/A Description: IC MCU 16BIT 8KB FLASH 64LQFP In stock: 23942 pcs</p> <p><a href="#">RFQ</a></p>
 <p><b>MSP430F123IPWR</b> Manufacturers: N/A Description: IC MCU 16BIT 8KB FLASH 28TSSOP In stock: 41287 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>MSP430F133IPMR</b> Manufacturers: N/A Description: IC MCU 16BIT 8KB FLASH 64LQFP In stock: 24484 pcs</p> <p><a href="#">RFQ</a></p>
 <p><b>MSP430F123IRHBT</b> Manufacturers: N/A Description: IC MCU 16BIT 8KB FLASH 32VQFN In stock: 29167 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>MSP430F133IRTDI</b> Manufacturers: N/A Description: IC MCU 16BIT 8KB FLASH 64VQFN In stock: 26502 pcs</p> <p><a href="#">RFQ</a></p>
 <p><b>MSP430F123IPWR-HYD</b> Manufacturers: N/A Description: IC MCU 16BIT 8KB FLASH 28TSSOP In stock: 41491 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>MSP430F135IPM</b> Manufacturers: N/A Description: IC MCU 16BIT 16KB FLASH 64LQFP In stock: 20454 pcs</p> <p><a href="#">RFQ</a></p>
 <p><b>MSP430F133IRTDI</b> Manufacturers: N/A Description: IC MCU 16BIT 8KB FLASH 64VQFN In stock: 28550 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>MSP430F123IDWR</b> Manufacturers: N/A Description: IC MCU 16BIT 8KB FLASH 28SOIC In stock: 38690 pcs</p> <p><a href="#">RFQ</a></p>
 <p><b>MSP430F135IPAG</b> Manufacturers: N/A Description: IC MCU 16BIT 16KB FLASH 64TQFP In stock: 21574 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>MSP430F123IRHBR</b> Manufacturers: N/A Description: IC MCU 16BIT 8KB FLASH 32VQFN In stock: 37560 pcs</p> <p><a href="#">RFQ</a></p>