

MSP430F1612IPMR Information


For Reference Only

Part Number [MSP430F1612IPMR](#)
Manufacturer Texas Instruments
Category Integrated Circuits (ICs)
[Embedded - Microcontrollers](#)
Description IC MCU 16BIT 55KB FLASH 64LQFP
Package 64-LQFP
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com



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Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.


MSP430F1612IPMR Specifications

| | |
|----------------------------|--|
| Manufacturer Part Number | MSP430F1612IPMR |
| Manufacturer | Texas Instruments |
| Category | Integrated Circuits (ICs) Embedded - Microcontrollers |
| Package | 64-LQFP |
| Series | MSP430x1xx |
| Core Processor | MSP430 |
| Core Size | 16-Bit |
| Speed | 8MHz |
| Connectivity | I2C, SPI, UART/USART |
| Peripherals | Brown-out Detect/Reset, DMA, POR, PWM, WDT |
| Number of I/O | 48 |
| Program Memory Size | 55KB (55K x 8 + 256B) |
| Program Memory Type | FLASH |
| EEPROM Size | - |
| RAM Size | 5K x 8 |
| Voltage - Supply (Vcc/Vdd) | 1.8 V ~ 3.6 V |
| Data Converters | A/D 8x12b, D/A 2x12b |
| Oscillator Type | Internal |
| Operating Temperature | -40°C ~ 85°C (TA) |
| Mounting Type | - |
| Package / Case | 64-LQFP |
| Supplier Device Package | 64-LQFP (10x10) |

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MSP430F1612IPMR Guarantees



Quality Guarantees

We provide 90 days warranty. *

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

MSP430F1612IPMR Payment Methods



MSP430F1612IPMR Shipping Methods



If you have any question about MSP430F1612IPMR, please do not hesitate to contact us!

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