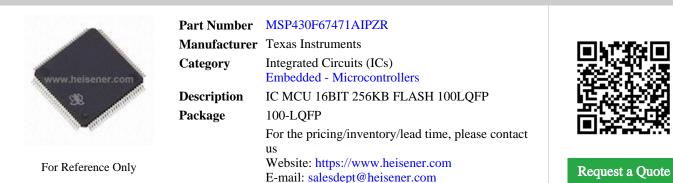


MSP430F67471AIPZR

MSP430F67471AIPZR Information



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.



MSP430F67471AIPZR Specifications

| Manufacturer Texas Instruments Manufacturer Texas Instruments Category Integrated Circuits (ICs) Embedded - Microontrollers Embedded - Microontrollers Package 100-LQFP Series MSP430F6xx Core Processor CPUXV2 Core Size 16-Bit Speed 25MHz Connectivity 12C, IrDA, LIN, SPI, UART/USART Connectivity 52KB (256K x 8) Number of I/O 62 Program Memory Size 526KB (256K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 32K x 8 Voltage - Supply (Vcc/Vdd) 1.8 V ~ 3.6 V Operating Temperature 4/0 % C ~ 85 °C (TA) Mounting Type - Package / Case 100-LQFP Supplier Device Package 100-LQFP | | |
|--|----------------------------|--|
| CategoryIntegrated Circuits (ICS)Embedded - MicrocontrollersPackage100-LQFPSeriesMSP430F6xxCore ProcessorCPUXV2Core Size16-BitSpeed25MHzConnectivityIC2, IrDA, LIN, SPI, UART/USARTConnectivity62Number of I/O62Program Memory Size256KB (256K x 8)Program Memory TypeFLASHEEPROM Size-AMA Size32K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VOperating Temperature40°C ~ 85°C (TA)Mounting Type-Package / Case100-LQFP (14x14) | Manufacturer Part Number | MSP430F67471AIPZR |
| Indexided - MicrocontrollersPackage100-LQFPSeriesMSP430F6xxCore ProcessorCPUXV2Core Size16-BitSpeed25MHzConnectivityICC, IrDA, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, LCD, POR, PWM, WDT, 4x24b Sigma Delta ConverterNumber of I/O62Program Memory Size556KB (256K x 8)EEPROM Size-AtM Size32K x 8Voltage - Supply (Vcc/Vd)1.8 V ~ 3.6 VData ConvertersA/D 8x10bOperating Temperature40°C ~ 85°C (TA)Mounting Type-Package / Case100-LQFP (14x14) | Manufacturer | Texas Instruments |
| Package100-LQFPSeriesMSP430F6xxCore ProcessorCPUXV2Core Size16-BitSpeed25MHzConnectivityI2C, IrDA, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, LCD, POR, PWM, WDT, 4x24b Sigma Delta ConverterNumber of I/O62Program Memory Size556KB (256K x 8)PERPOM Size-RAM Size32K x 8Voltage - Supply (Vcc/Vd)1.8 V ~ 3.6 VData ConvertersA/D 8x10bOscillator TypeInternalOperating Temperature40°C ~ 85°C (TA)Mounting Type-Package / Case100-LQFP (14x14) | Category | Integrated Circuits (ICs) |
| SeriesMSP430F6xxCore ProcessorCPUXV2Core Size16-BitSpeed25MHzConnectivityI2C, IrDA, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, LCD, POR, PWM, WDT, 4x24b Sigma Delta ConverterNumber of I/O62Program Memory Size256KB (256K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size32K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 8x10bOscillator TypeInternalOperating Temperature-Prokage/ Case100-LQFP (14x14) | | Embedded - Microcontrollers |
| Core ProcessorCPUXV2Core Size16-BitSpeed25MHzConnectivity12C, IrDA, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, LCD, POR, PWM, WDT, 4x24b Sigma Delta ConverterNumber of I/O62Program Memory Size256KB (256K x 8)Program Memory TypeFLASHEEPROM Size-Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersAD 8x10bOscillator Type-Munting Type-Prokage / Case00-LQFPSupplier Device Package100-LQFP (14x14) | Package | 100-LQFP |
| Core Size16-BitSpeed5MHzConnectivityIC, IrDA, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, LCD, POR, PWM, WDT, 4x24b Sigma Delta ConverterNumber of I/O62Program Memory Size56KB (256K x 8)Program Memory TypeFLASHEEPROM Size-Nuther of LOC/Vddiu18 V ~ 3.6 VNotage - Supply (Vcc/Vddiu)1.8 V ~ 3.6 VOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case100-LQFP (14x14) | Series | MSP430F6xx |
| Speed25MHzConnectivityIC, IrDA, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, LCD, POR, PWM, WDT, 4x24b Sigma Delta ConverterNumber of I/O62Program Memory Size256KB (256K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size32K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersAD 8x10bOperating Temperature-40°C ~ 85°C (TA)Mounting Type0-40°C ~ 85°C (TA)Package / Case100-LQFP (14x14) | Core Processor | CPUXV2 |
| ConnectivityI2C, IrDA, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, LCD, POR, PWM, WDT, 4x24b Sigma Delta ConverterNumber of I/O62Program Memory Size256KB (256K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size32K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 8x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type00-LQFP (14x14) | Core Size | 16-Bit |
| PeripheralsBrown-out Detect/Reset, DMA, LCD, POR, PWM, WDT, 4x24b Sigma Delta ConverterNumber of I/O62Program Memory Size256KB (256K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size32K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 8x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case100-LQFP (14x14) | Speed | 25MHz |
| Number of I/O62Program Memory Size256KB (256K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size32K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 8x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case100-LQFP (14x14) | Connectivity | I2C, IrDA, LIN, SPI, UART/USART |
| Program Memory Size256KB (256K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size32K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 8x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case100-LQFP (14x14) | Peripherals | Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT, 4x24b Sigma Delta Converter |
| Program Memory TypeFLASHEEPROM Size-RAM Size32K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 8x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case100-LQFPSupplier Device Package100-LQFP (14x14) | Number of I/O | 62 |
| EEPROM Size-RAM Size32K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 8x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case100-LQFPSupplier Device Package100-LQFP (14x14) | Program Memory Size | 256KB (256K x 8) |
| RAM Size32K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 8x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case100-LQFPSupplier Device Package100-LQFP (14x14) | Program Memory Type | FLASH |
| Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 8x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case100-LQFPSupplier Device Package100-LQFP (14x14) | EEPROM Size | - |
| Data ConvertersA/D 8x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case100-LQFPSupplier Device Package100-LQFP (14x14) | RAM Size | 32K x 8 |
| Oscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case100-LQFPSupplier Device Package100-LQFP (14x14) | Voltage - Supply (Vcc/Vdd) | 1.8 V ~ 3.6 V |
| Operating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case100-LQFPSupplier Device Package100-LQFP (14x14) | Data Converters | A/D 8x10b |
| Mounting Type-Package / Case100-LQFPSupplier Device Package100-LQFP (14x14) | Oscillator Type | Internal |
| Package / Case100-LQFPSupplier Device Package100-LQFP (14x14) | Operating Temperature | -40°C ~ 85°C (TA) |
| Supplier Device Package100-LQFP (14x14) | Mounting Type | - |
| | Package / Case | 100-LQFP |
| Report errors? | Supplier Device Package | 100-LQFP (14x14) |
| Report chois. | | Report errors? |

MSP430F67471AIPZR 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.

MSP430F67471AIPZR Payment Methods



If you have any question about MSP430F67471AIPZR, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com