

MSP430F47197IPZ



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Part Number: [MSP430F47197IPZ](#)

Manufacturer: [N/A](#)

Description: [IC MCU 16BIT 120KB FLASH 100LQFP](#)

Data sheet:

RoHs Status: [Lead free / RoHS Compliant](#)

Ship From: [Hong Kong](#)

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                          |                                                 |                                  |                                                                                           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|----------------------------------|-------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                | MSP430F47197IPZ                                 | Manufacturer                     | N/A                                                                                       |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                | IC MCU 16BIT 120KB FLASH 100LQFP                | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                         | 8488 pcs                                        | Data sheet                       |                                                                                           |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                   | <a href="#">Integrated Circuits (ICs)</a>       | Voltage - Supply (Vcc/Vdd)       | 1.8 V ~ 3.6 V                                                                             |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                    | 100-LQFP (14x14)                                | Speed                            | 16MHz                                                                                     |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                     | MSP430x4xx                                      | RAM Size                         | 4K x 8                                                                                    |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                        | FLASH                                           | Program Memory Size              | 120KB (120K x 8)                                                                          |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                | Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT | Packaging                        | Tray                                                                                      |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                             | 100-LQFP                                        | Other Names                      | 296-41517<br>MSP430F47197IPZ-ND                                                           |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                            | Internal                                        | Operating Temperature            | -40°C ~ 85°C (TA)                                                                         |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                              | 68                                              | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                             |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                            | 20 Weeks                                        | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                | -                                               | Detailed Description             | MSP430 MSP430x4xx Microcontroller IC 16-Bit 16MHz 120KB (120K x 8) FLASH 100-LQFP (14x14) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                            | A/D 7x16b                                       | Core Size                        | 16-Bit                                                                                    |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                             | MSP430                                          | Connectivity                     | I <sup>2</sup> C, IrDA, LINbus, SCI, SPI, UART/USART                                      |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                           | MSP430F47197                                    |                                  |                                                                                           |
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| RELATED PRODUCTS                                                                   |                                         |                                    |                |
|------------------------------------------------------------------------------------|-----------------------------------------|------------------------------------|----------------|
|  | Part#: <a href="#">MSP430F47186IPZ</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
| Description: <a href="#">IC MCU 16BIT 116KB FLASH 100LQFP</a>                      |                                         |                                    |                |
|  | Part#: <a href="#">MSP430F47193IPZ</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
| Description: <a href="#">IC MCU 16BIT 120KB FLASH 100LQFP</a>                      |                                         |                                    |                |
|  | Part#: <a href="#">MSP430F47186IPZR</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
| Description: <a href="#">IC MCU 16BIT 116KB FLASH 100LQFP</a>                      |                                         |                                    |                |
|  | Part#: <a href="#">MSP430F4783IPZ</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
| Description: <a href="#">IC MCU 16BIT 48KB FLASH 100LQFP</a>                       |                                         |                                    |                |
|  | Part#: <a href="#">MSP430F47183IPZR</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
| Description: <a href="#">IC MCU 16BIT 116KB FLASH 100LQFP</a>                      |                                         |                                    |                |
|  | Part#: <a href="#">MSP430F47196IPZ</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
| Description: <a href="#">IC MCU 16BIT 120KB FLASH 100LQFP</a>                      |                                         |                                    |                |
|  | Part#: <a href="#">MSP430F47193IPZR</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
| Description: <a href="#">IC MCU 16BIT 120KB FLASH 100LQFP</a>                      |                                         |                                    |                |
|  | Part#: <a href="#">MSP430F47187IPZ</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
| Description: <a href="#">IC MCU 16BIT 116KB FLASH 100LQFP</a>                      |                                         |                                    |                |
|  | Part#: <a href="#">MSP430F477IPNR</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
| Description: <a href="#">IC MCU 16BIT 32KB FLASH 80LQFP</a>                        |                                         |                                    |                |
|  | Part#: <a href="#">MSP430F47183IPZ</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
| Description: <a href="#">IC MCU 16BIT 116KB FLASH 100LQFP</a>                      |                                         |                                    |                |
|  | Part#: <a href="#">MSP430F47196IPZR</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
| Description: <a href="#">IC MCU 16BIT 120KB FLASH 100LQFP</a>                      |                                         |                                    |                |
|  | Part#: <a href="#">MSP430F477IZQWR</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
| Description: <a href="#">IC MCU 16BIT 32KB FLASH 113BGA</a>                        |                                         |                                    |                |
|  | Part#: <a href="#">MSP430F4784IPZ</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
| Description: <a href="#">IC MCU 16BIT 48KB FLASH 100LQFP</a>                       |                                         |                                    |                |
|  | Part#: <a href="#">MSP430F477IPN</a>    | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
| Description: <a href="#">IC MCU 16BIT 32KB FLASH 80LQFP</a>                        |                                         |                                    |                |
|  | Part#: <a href="#">MSP430F478IPN</a>    | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
| Description: <a href="#">IC MCU 16BIT 48KB FLASH 80LQFP</a>                        |                                         |                                    |                |
|  | Part#: <a href="#">MSP430F4783IPZR</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
| Description: <a href="#">IC MCU 16BIT 48KB FLASH 100LQFP</a>                       |                                         |                                    |                |
|  | Part#: <a href="#">MSP430F477IZQW</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
| Description: <a href="#">IC MCU 16BIT 32KB FLASH 113BGA</a>                        |                                         |                                    |                |
|  | Part#: <a href="#">MSP430F4784IPZR</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
| Description: <a href="#">IC MCU 16BIT 48KB FLASH 100LQFP</a>                       |                                         |                                    |                |
|  | Part#: <a href="#">MSP430F47187IPZR</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
| Description: <a href="#">IC MCU 16BIT 116KB FLASH 100LQFP</a>                      |                                         |                                    |                |
|  | Part#: <a href="#">MSP430F47197IPZR</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
| Description: <a href="#">IC MCU 16BIT 120KB FLASH 100LQFP</a>                      |                                         |                                    |                |

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