

MSP430FE423AIPMR



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Part Number: [MSP430FE423AIPMR](#)

Manufacturer: [N/A](#)

Description: [IC MCU 16BIT 8KB FLASH 64LQFP](#)

Data sheet:

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

Ship From: [Hong Kong](#)

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                            |                                            |                                  |                                                                                              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|----------------------------------|----------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                  | MSP430FE423AIPMR                           | Manufacturer                     | N/A                                                                                          |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                  | IC MCU 16BIT 8KB FLASH 64LQFP              | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                   |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                           | 23739 pcs                                  | Data sheet                       |                                                                                              |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                     | <a href="#">Integrated Circuits (ICs)</a>  | Voltage - Supply (Vcc/Vdd)       | 1.8 V ~ 3.6 V                                                                                |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                      | 64-LQFP (10x10)                            | Speed                            | 8.4MHz                                                                                       |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                       | MSP430x4xx                                 | RAM Size                         | 256 x 8                                                                                      |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                          | FLASH                                      | Program Memory Size              | 8KB (8K x 8 + 256B)                                                                          |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                  | Brown-out Detect/Reset, LCD, POR, PWM, WDT | Packaging                        | Tape & Reel (TR)                                                                             |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                               | 64-LQFP                                    | Other Names                      | 296-24723-2<br>MSP430FE423AIPMR-ND                                                           |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                              | Internal                                   | Operating Temperature            | -40°C ~ 85°C (TA)                                                                            |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                | 14                                         | 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 8.4MHz 8KB (8K x 8 + 256B) FLASH 64-LQFP (10x10) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                              | A/D 3x16b                                  | Core Size                        | 16-Bit                                                                                       |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                               | MSP430                                     | Connectivity                     | SPI, UART/USART                                                                              |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                             | MSP430FE423A                               |                                  |                                                                                              |
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|  | Part#: <a href="#">MSP430FE425IPMR</a><br>Description: <a href="#">IC MCU 16BIT 16KB FLASH 64LQFP</a>    | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430FE4252IPM</a><br>Description: <a href="#">IC MCU 16BIT 16KB FLASH 64LQFP</a>    | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430FE423IPM</a><br>Description: <a href="#">IC MCU 16BIT 8KB FLASH 64LQFP</a>      | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MSP430F6779IPZ</a><br>Description: <a href="#">IC MCU 16BIT 512KB FLASH 100LQFP</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430FE423IPMR</a><br>Description: <a href="#">IC MCU 16BIT 8KB FLASH 64LQFP</a>     | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MSP430FE4242IPMR</a><br>Description: <a href="#">IC MCU 16BIT 12KB FLASH 64LQFP</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430F6779IPEUR</a><br>Description: <a href="#">IC MCU 16BIT 512KB FLASH 128LQFP</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430F6779AIPZR</a><br>Description: <a href="#">IC MCU 16BIT 512KB FLASH 100LQFP</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MSP430FE425AIPMR</a><br>Description: <a href="#">IC MCU 16BIT 16KB FLASH 64LQFP</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430FE4232IPM</a><br>Description: <a href="#">IC MCU 16BIT 8KB FLASH 64LQFP</a>     | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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