



MSP430FR5957IRHAR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MSP430FR5957IRHAR                                                                                            |
| Manufacturer/Brand: | N/A                                                                                                          |
| Product description | IC MCU 16BIT 32KB FRAM 40VQFN                                                                                |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 39589 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of MSP430FR5957IRHAR

|                                  |                                                                                       |
|----------------------------------|---------------------------------------------------------------------------------------|
| PART NUMBER                      | MSP430FR5957IRHAR                                                                     |
| MANUFACTURER                     | N/A                                                                                   |
| DESCRIPTION                      | IC MCU 16BIT 32KB FRAM 40VQFN                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                            |
| QUANTITY AVAILABLE               | 39589 pcs                                                                             |
| DATA SHEET                       |                                                                                       |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 3.6 V                                                                         |
| SUPPLIER DEVICE PACKAGE          | 40-VQFN (6x6)                                                                         |
| SPEED                            | 16MHz                                                                                 |
| SERIES                           | MSP430™ FRAM                                                                          |
| RAM SIZE                         | 1K x 8                                                                                |
| PROGRAM MEMORY TYPE              | FRAM                                                                                  |
| PROGRAM MEMORY SIZE              | 32KB (32K x 8)                                                                        |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, POR, PWM, WDT                                            |
| PACKAGING                        | Tape & Reel (TR)                                                                      |
| PACKAGE / CASE                   | 40-VFQFN Exposed Pad                                                                  |
| OSCILLATOR TYPE                  | Internal                                                                              |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                     |
| NUMBER OF I/O                    | 33                                                                                    |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                            |
| EEPROM SIZE                      | -                                                                                     |
| DETAILED DESCRIPTION             | CPUXV2 MSP430™ FRAM Microcontroller IC 16-Bit 16MHz 32KB (32K x 8) FRAM 40-VQFN (6x6) |
| DATA CONVERTERS                  | A/D 14x12b                                                                            |
| CORE SIZE                        | 16-Bit                                                                                |
| CORE PROCESSOR                   | CPUXV2                                                                                |
| CONNECTIVITY                     | I²C, IrDA, SCI, SPI, UART/USART                                                       |

Related Tags

|                                 |                                      |                             |
|---------------------------------|--------------------------------------|-----------------------------|
| MSP430FR5957IRHAR               | MSP430FR5957IRHAR Distributor        | MSP430FR5957IRHAR Supplier  |
| MSP430FR5957IRHAR Price         | MSP430FR5957IRHAR Pictures           | MSP430FR5957IRHAR Image     |
| MSP430FR5957IRHAR PDF Datasheet | MSP430FR5957IRHAR Download Datasheet | MSP430FR5957IRHAR Datasheet |
| MSP430FR5957IRHAR Stock         | Buy MSP430FR5957IRHAR                | Buy MSP430FR5957IRHAR       |
| MSP430FR5957IRHAR               | Supplier                             | Distributor                 |

Related Products

|                                                                                                                                   |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   |
|-----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| <div>MSP430FR5949IRHAT</div> <div>Manufacturers: N/A<br/>Description: IC MCU 16BIT 64KB FRAM 40VQFN<br/>In stock: 17167 pcs</div> | <div>MSP430FR5958IRHAR</div> <div>Manufacturers: N/A<br/>Description: IC MCU 16BIT 48KB FRAM 40VQFN<br/>In stock: 48380 pcs</div> | <div>MSP430FR5949IDAR</div> <div>Manufacturers: N/A<br/>Description: IC MCU 16BIT 64KB FRAM 38TSSOP<br/>In stock: 24416 pcs</div> | <div>MSP430FR5958IDAR</div> <div>Manufacturers: N/A<br/>Description: IC MCU 16BIT 48KB FRAM 38TSSOP<br/>In stock: 52335 pcs</div> | <div>MSP430FR5957IDAR</div> <div>Manufacturers: N/A<br/>Description: IC MCU 16BIT 32KB FRAM 38TSSOP<br/>In stock: 54113 pcs</div> |
| <div>MSP430FR5957IRHAT</div> <div>Manufacturers: N/A<br/>Description: IC MCU 16BIT 32KB FRAM 40VQFN<br/>In stock: 32973 pcs</div> | <div>MSP430FR5958IDA</div> <div>Manufacturers: N/A<br/>Description: IC MCU 16BIT 48KB FRAM 38TSSOP<br/>In stock: 26916 pcs</div>  | <div>MSP430FR5957IDA</div> <div>Manufacturers: N/A<br/>Description: IC MCU 16BIT 32KB FRAM 38TSSOP<br/>In stock: 26749 pcs</div>  |                                                                                                                                   |                                                                                                                                   |

