



MSP432P401VIRGCR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MSP432P401VIRGCR                                                                                             |
| Manufacturer/Brand: | N/A                                                                                                          |
| Product description | ULTRA LOW POWER ARM MICRO CONTRO                                                                             |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 19639 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of MSP432P401VIRGCR

|                                  |                                                                                               |
|----------------------------------|-----------------------------------------------------------------------------------------------|
| PART NUMBER                      | MSP432P401VIRGCR                                                                              |
| MANUFACTURER                     | N/A                                                                                           |
| DESCRIPTION                      | ULTRA LOW POWER ARM MICRO CONTRO                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                    |
| QUANTITY AVAILABLE               | 19639 pcs                                                                                     |
| DATA SHEET                       |                                                                                               |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.62 V ~ 3.7 V                                                                                |
| SUPPLIER DEVICE PACKAGE          | 64-VQFN (9x9)                                                                                 |
| SPEED                            | 48MHz                                                                                         |
| SERIES                           | MSP432™                                                                                       |
| RAM SIZE                         | 128K x 8                                                                                      |
| PROGRAM MEMORY TYPE              | FLASH                                                                                         |
| PROGRAM MEMORY SIZE              | 512KB (512K x 8)                                                                              |
| PERIPHERALS                      | DMA, POR, PWM, WDT                                                                            |
| PACKAGING                        | Tape & Reel (TR)                                                                              |
| PACKAGE / CASE                   | 64-VFQFN Exposed Pad                                                                          |
| OSCILLATOR TYPE                  | Internal                                                                                      |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                             |
| NUMBER OF I/O                    | 48                                                                                            |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                    |
| EEPROM SIZE                      | -                                                                                             |
| DETAILED DESCRIPTION             | ARM® Cortex®-M4F MSP432™ Microcontroller IC 32-Bit 48MHz 512KB (512K x 8) FLASH 64-VQFN (9x9) |
| DATA CONVERTERS                  | A/D 14x16b                                                                                    |
| CORE SIZE                        | 32-Bit                                                                                        |
| CORE PROCESSOR                   | ARM® Cortex®-M4F                                                                              |
| CONNECTIVITY                     | I²C, IrDA, SPI, UART/USART                                                                    |

Related Tags

|                                |                                     |                            |
|--------------------------------|-------------------------------------|----------------------------|
| MSP432P401VIRGCR               | MSP432P401VIRGCR Distributor        | MSP432P401VIRGCR Supplier  |
| MSP432P401VIRGCR Price         | MSP432P401VIRGCR Pictures           | MSP432P401VIRGCR Image     |
| MSP432P401VIRGCR PDF Datasheet | MSP432P401VIRGCR Download Datasheet | MSP432P401VIRGCR Datasheet |
| MSP432P401VIRGCR Stock         | Buy MSP432P401VIRGCR                | Buy MSP432P401VIRGCR       |
| MSP432P401VIRGCR               | Supplier                            | Distributor                |

Related Products

|                                                                                                                                     |                                                                                                                                      |                                                                                                                                      |
|-------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| <div>MSP432P401YTRGCR</div> <div>Manufacturers: N/A<br/>Description: MICROCONTROLLER<br/>In stock: 13410 pcs</div>                  | <div>MSP432P401YIRGCT</div> <div>Manufacturers: N/A<br/>Description: SIMPLELINK MIXED-SIGNAL MICROCON<br/>In stock: 12227 pcs</div>  | <div>MSP432P401RIPZR</div> <div>Manufacturers: N/A<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: 23515 pcs</div>   |
| <div>MSP432P401VTRGCT</div> <div>Manufacturers: N/A<br/>Description: SIMPLELINK MIXED-SIGNAL MICROCON<br/>In stock: 12678 pcs</div> | <div>MSP432P401RIRGCR</div> <div>Manufacturers: N/A<br/>Description: IC MCU 32BIT 256KB FLASH 64VQFN<br/>In stock: 12491 pcs</div>   | <div>MSP432P401VIRGCT</div> <div>Manufacturers: N/A<br/>Description: SIMPLELINK MIXED-SIGNAL MICROCON<br/>In stock: 14942 pcs</div>  |
| <div>MSP432P401VTRGCR</div> <div>Manufacturers: N/A<br/>Description: MICROCONTROLLER<br/>In stock: 14668 pcs</div>                  | <div>MSP432P401RIZXHR</div> <div>Manufacturers: N/A<br/>Description: IC MCU 32BIT 256KB FLASH 80NFBGA<br/>In stock: 14106 pcs</div>  | <div>MSP432P401RIZXHXT</div> <div>Manufacturers: N/A<br/>Description: IC MCU 32BIT 256KB FLASH 80NFBGA<br/>In stock: 19739 pcs</div> |
| <div>MSP432P401YIRGCR</div> <div>Manufacturers: N/A<br/>Description: MICROCONTROLLER<br/>In stock: 13912 pcs</div>                  | <div>MSP432P401MIZXHXT</div> <div>Manufacturers: N/A<br/>Description: IC MCU 32BIT 128KB FLASH 80NFBGA<br/>In stock: 14104 pcs</div> | <div>MSP432P401RIRGCT</div> <div>Manufacturers: N/A<br/>Description: IC MCU 32BIT 256KB FLASH 64VQFN<br/>In stock: 14220 pcs</div>   |