



Image may be representation. See specifications for product details.

STM32F302K8U7

|                     |                                     |
|---------------------|-------------------------------------|
| Part Number:        | STM32F302K8U7                       |
| Manufacturer/Brand: | STMicroelectronics                  |
| Product description | IC MCU 32BIT 64KB FLASH 32UFQFPN    |
|                     | <a href="#">1.STM32F302K8U7.pdf</a> |
|                     | <a href="#">2.STM32F302K8U7.pdf</a> |
|                     | <a href="#">3.STM32F302K8U7.pdf</a> |
| Datasheets:         |                                     |
| RoHs Status         | Lead free / RoHS Compliant          |
| Ship From           | Hong Kong                           |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS               |

REQUEST FOR QUOTATION

Specifications of STM32F302K8U7

|                                  |                                                                                                                   |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | STM32F302K8U7                                                                                                     |
| MANUFACTURER                     | STMicroelectronics                                                                                                |
| DESCRIPTION                      | IC MCU 32BIT 64KB FLASH 32UFQFPN                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                        |
| DATA SHEET                       | <a href="#">1.STM32F302K8U7.pdf</a><br><a href="#">2.STM32F302K8U7.pdf</a><br><a href="#">3.STM32F302K8U7.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2 V ~ 3.6 V                                                                                                       |
| SUPPLIER DEVICE PACKAGE          | 32-UFQFPN (5x5)                                                                                                   |
| SPEED                            | 72MHz                                                                                                             |
| SERIES                           | STM32F3                                                                                                           |
| RAM SIZE                         | 16K x 8                                                                                                           |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                             |
| PROGRAM MEMORY SIZE              | 64KB (64K x 8)                                                                                                    |
| PERIPHERALS                      | DMA, I²S, POR, PWM, WDT                                                                                           |
| PACKAGING                        | Tray                                                                                                              |
| PACKAGE / CASE                   | 32-UFQFN Exposed Pad                                                                                              |
| OSCILLATOR TYPE                  | Internal                                                                                                          |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                                |
| NUMBER OF I/O                    | 24                                                                                                                |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                     |
| MANUFACTURER STANDARD LEAD TIME  | 10 Weeks                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                        |
| EEPROM SIZE                      | -                                                                                                                 |
| DETAILED DESCRIPTION             | ARM® Cortex®-M4 STM32F3 Microcontroller IC 32-Bit 72MHz 64KB (64K x 8) FLASH 32-UFQFPN (5x5)                      |
| DATA CONVERTERS                  | A/D 8x12b, D/A 1x12b                                                                                              |
| CORE SIZE                        | 32-Bit                                                                                                            |
| CORE PROCESSOR                   | ARM® Cortex®-M4                                                                                                   |
| CONNECTIVITY                     | CANbus, I²C, IrDA, LINbus, SPI, UART/USART, USB                                                                   |

Related Tags

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| STMicroelectronics STM32F302K8U7 | STM32F302K8U7 Distributor        | STM32F302K8U7 Supplier               |
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Related Products

|                                                                                                                                          |                                                                                                                                            |
|------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| <b>STM32F302R8T6TR</b><br>Manufacturers: STMicroelectronics<br>Description: IC MCU 32BIT 64KB FLASH 64LQFP<br>In stock: Out stock<br>RFQ | <b>STM32F302R8T6</b><br>Manufacturers: STMicroelectronics<br>Description: IC MCU 32BIT 64KB FLASH 64LQFP<br>In stock: Out stock<br>RFQ     |
| <b>STM32F302R8T6</b><br>Manufacturers: STMicroelectronics<br>Description: IC MCU 32BIT 128KB FLASH 64LQFP<br>In stock: Out stock<br>RFQ  | <b>STM32F302K8U6TR</b><br>Manufacturers: STMicroelectronics<br>Description: IC MCU 32BIT 64KB FLASH 32UFQFPN<br>In stock: Out stock<br>RFQ |
| <b>STM32F302K6U6</b><br>Manufacturers: STMicroelectronics<br>Description: IC MCU 32BIT 32KB FLASH 32UFQFPN<br>In stock: Out stock<br>RFQ | <b>STM32F302R6T6</b><br>Manufacturers: STMicroelectronics<br>Description: IC MCU 32BIT 32KB FLASH 64LQFP<br>In stock: Out stock<br>RFQ     |
| <b>STM32F302R6T6TR</b><br>Manufacturers: STMicroelectronics<br>Description: IC MCU 32BIT 32KB FLASH 64LQFP<br>In stock: Out stock<br>RFQ | <b>STM32F302CCT6TR</b><br>Manufacturers: STMicroelectronics<br>Description: LQFP 48 7X7X1.4 1<br>In stock: Out stock<br>RFQ                |
| <b>STM32F302K4U6</b><br>Manufacturers: STMicroelectronics<br>Description: UFQFPN 5X5X0.55 32L<br>In stock: Out stock<br>RFQ              | <b>STM32F302CCT7</b><br>Manufacturers: STMicroelectronics<br>Description: IC MCU 32BIT 256KB FLASH 48LQFP<br>In stock: Out stock<br>RFQ    |
| <b>STM32F302R8T7</b><br>Manufacturers: STMicroelectronics<br>Description: IC MCU 32BIT 64KB FLASH 64LQFP<br>In stock: Out stock<br>RFQ   | <b>STM32F302K8U6</b><br>Manufacturers: STMicroelectronics<br>Description: IC MCU 32BIT 64KB FLASH 32UFQFPN<br>In stock: Out stock<br>RFQ   |