



STMicroelectronics



STM32F302CCT7

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | STM32F302CCT7                                                                                                |
| Manufacturer/Brand: | STMicroelectronics                                                                                           |
| Product description | IC MCU 32BIT 256KB FLASH 48LQFP                                                                              |
|                     |  1.STM32F302CCT7.pdf        |
|                     |  2.STM32F302CCT7.pdf        |
|                     |  3.STM32F302CCT7.pdf        |
|                     |  4.STM32F302CCT7.pdf        |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 34567 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

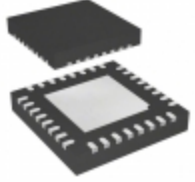
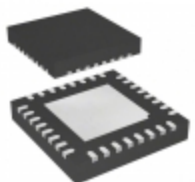
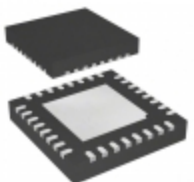
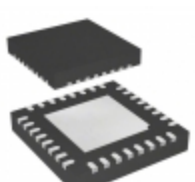
Specifications of STM32F302CCT7

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | STM32F302CCT7                                                                                                                                                                                                                                                                                                                                                                                                                            |
| MANUFACTURER                     | STMicroelectronics                                                                                                                                                                                                                                                                                                                                                                                                                       |
| DESCRIPTION                      | IC MCU 32BIT 256KB FLASH 48LQFP                                                                                                                                                                                                                                                                                                                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                               |
| QUANTITY AVAILABLE               | 34567 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                |
| DATA SHEET                       |  1.STM32F302CCT7.pdf<br> 2.STM32F302CCT7.pdf<br> 3.STM32F302CCT7.pdf<br> 4.STM32F302CCT7.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2 V ~ 3.6 V                                                                                                                                                                                                                                                                                                                                                                                                                              |
| SUPPLIER DEVICE PACKAGE          | 48-LQFP (7x7)                                                                                                                                                                                                                                                                                                                                                                                                                            |
| SPEED                            | 72MHz                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| SERIES                           | STM32F3                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| RAM SIZE                         | 32K x 8                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| PROGRAM MEMORY SIZE              | 256KB (256K x 8)                                                                                                                                                                                                                                                                                                                                                                                                                         |
| PERIPHERALS                      | DMA, I²S, POR, PWM, WDT                                                                                                                                                                                                                                                                                                                                                                                                                  |
| PACKAGING                        | Tray                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| PACKAGE / CASE                   | 48-LQFP                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                                                                                                                                                                                                                                                                                                                                                       |
| NUMBER OF I/O                    | 37                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                                                                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                               |
| EEPROM SIZE                      | -                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| DETAILED DESCRIPTION             | ARM® Cortex®-M4 STM32F3 Microcontroller IC 32-Bit 72MHz 256KB (256K x 8) FLASH 48-LQFP (7x7)                                                                                                                                                                                                                                                                                                                                             |
| DATA CONVERTERS                  | A/D 9x12b, 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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Related Products

|                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                             |
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|  <div>STM32F302C8Y6TR<br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 64KB FLASH 49WLCSP<br/>In stock: 51896 pcs</div> <div>RFQ</div>  |  <div>STM32F302CC6<br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 48LQFP<br/>In stock: 20607 pcs</div> <div>RFQ</div>   |
|  <div>STM32F302K8U6<br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 64KB FLASH 32UFQFPN<br/>In stock: 25713 pcs</div> <div>RFQ</div>   |  <div>STM32F302K4U6<br/>Manufacturers: STMicroelectronics<br/>Description: UFQFPN 5X5X0.55 32L<br/>In stock: 71622 pcs</div> <div>RFQ</div>              |
|  <div>STM32F302K8U7<br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 64KB FLASH 32UFQFPN<br/>In stock: 58294 pcs</div> <div>RFQ</div>   |  <div>STM32F302K6U6<br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 32KB FLASH 32UFQFPN<br/>In stock: 69196 pcs</div> <div>RFQ</div> |
|  <div>STM32F302K8U6TR<br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 64KB FLASH 32UFQFPN<br/>In stock: 45435 pcs</div> <div>RFQ</div> |  <div>STM32F302CBT6<br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 128KB FLASH 48LQFP<br/>In stock: 18440 pcs</div> <div>RFQ</div>  |
|  <div>STM32F302CBT6TR<br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 128KB FLASH 48LQFP<br/>In stock: 41281 pcs</div> <div>RFQ</div>  |  <div>STM32F302R6T6<br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 32KB FLASH 64LQFP<br/>In stock: 21381 pcs</div> <div>RFQ</div>   |
|  <div>STM32F302CBT7<br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 128KB FLASH 48LQFP<br/>In stock: 35353 pcs</div> <div>RFQ</div>    |  <div>STM32F302CCT6TR<br/>Manufacturers: STMicroelectronics<br/>Description: LQFP 48 7X7X1.4 1<br/>In stock: 32142 pcs</div> <div>RFQ</div>              |