



STMicroelectronics



STM32F722ICT6

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | STM32F722ICT6                                                                                                |
| Manufacturer/Brand: | STMicroelectronics                                                                                           |
| Product description | IC MCU 32BIT 512KB FLASH 176LQFP                                                                             |
| Datasheets:         |  STM32F722ICT6.pdf          |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 11204 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

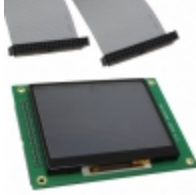
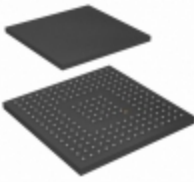
Specifications of STM32F722ICT6

|                                  |                                                                                                       |
|----------------------------------|-------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | STM32F722ICT6                                                                                         |
| MANUFACTURER                     | STMicroelectronics                                                                                    |
| DESCRIPTION                      | IC MCU 32BIT 512KB FLASH 176LQFP                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                            |
| QUANTITY AVAILABLE               | 11204 pcs                                                                                             |
| DATA SHEET                       |  STM32F722ICT6.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.7 V ~ 3.6 V                                                                                         |
| SPEED                            | 216MHz                                                                                                |
| SERIES                           | STM32F7                                                                                               |
| RAM SIZE                         | 256K x 8                                                                                              |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                 |
| PROGRAM MEMORY SIZE              | 256KB (256K x 8)                                                                                      |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, I <sup>2</sup> S, POR, PWM, WDT                                          |
| OSCILLATOR TYPE                  | Internal                                                                                              |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                     |
| NUMBER OF I/O                    | 140                                                                                                   |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                            |
| EEPROM SIZE                      | -                                                                                                     |
| DETAILED DESCRIPTION             | ARM® Cortex®-M7 STM32F7 Microcontroller IC 32-Bit 216MHz 256KB (256K x 8) FLASH                       |
| DATA CONVERTERS                  | A/D 24x12b, D/A 2x12b                                                                                 |
| CORE SIZE                        | 32-Bit                                                                                                |
| CORE PROCESSOR                   | ARM® Cortex®-M7                                                                                       |
| CONNECTIVITY                     | CANbus, EBI/EMI, I <sup>2</sup> C, IrDA, LINbus, MMC/SD, QSPI, SAI, SPI, UART/USART, USB              |

Related Tags

|                                  |                                  |                                      |
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| STM32F722ICT6 Price              | STM32F722ICT6 Pictures           | STM32F722ICT6 Image                  |
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Related Products

|                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                    |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>STM32F4DIS-CAM</b><br/>Manufacturers: STMicroelectronics<br/>Description: BOARD CAMERA STM32F4 DISCOVERY<br/>In stock: 3231 pcs<br/><b>RFQ</b></div>  |  <div><b>STM32F722VCT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: 16713 pcs<br/><b>RFQ</b></div> |
|  <div><b>STM32F4DIS-LCD</b><br/>Manufacturers: STMicroelectronics<br/>Description: BOARD LCD STM32F4 DISCOVERY<br/>In stock: 6064 pcs<br/><b>RFQ</b></div>     |  <div><b>STM32F4DIS-WIFI</b><br/>Manufacturers: STMicroelectronics<br/>Description: DISCOVERY WIFI STM32F4<br/>In stock: 5554 pcs<br/><b>RFQ</b></div>          |
|  <div><b>STM32F722RET6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 512KB FLASH 64LQFP<br/>In stock: 8806 pcs<br/><b>RFQ</b></div>  |  <div><b>STM32F722VET6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 512KB FLASH 100LQFP<br/>In stock: 8360 pcs<br/><b>RFQ</b></div>  |
|  <div><b>STM32F4DIS-BB</b><br/>Manufacturers: STMicroelectronics<br/>Description: BOARD BASE STM32F4 DISCOVERY<br/>In stock: 2684 pcs<br/><b>RFQ</b></div>     |  <div><b>STM32F722IEK6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 512KB FLASH 176BGA<br/>In stock: 7281 pcs<br/><b>RFQ</b></div>   |
|  <div><b>STM32F722ICK6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 512KB FLASH 176BGA<br/>In stock: 13411 pcs<br/><b>RFQ</b></div> |  <div><b>STM32F722IET6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 512KB FLASH 176LQFP<br/>In stock: 9850 pcs<br/><b>RFQ</b></div>  |
|  <div><b>STM32F722RCT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 64LQFP<br/>In stock: 13930 pcs<br/><b>RFQ</b></div> |  <div><b>STM32F4DISCOVERY</b><br/>Manufacturers: STMicroelectronics<br/>Description: EVAL KIT STM32F DISCOVERY<br/>In stock: 4063 pcs<br/><b>RFQ</b></div>      |