



STMicroelectronics



STM32F372R8T6

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | STM32F372R8T6                                                                                                |
| Manufacturer/Brand: | STMicroelectronics                                                                                           |
| Product description | IC MCU 32BIT 64KB FLASH 64LQFP                                                                               |
| Datasheets:         |  STM32F372R8T6.pdf          |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 15196 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

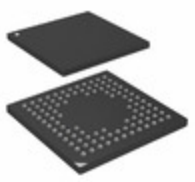
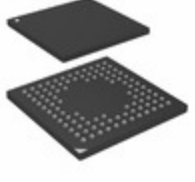
Specifications of STM32F372R8T6

|                                  |                                                                                                       |
|----------------------------------|-------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | STM32F372R8T6                                                                                         |
| MANUFACTURER                     | STMicroelectronics                                                                                    |
| DESCRIPTION                      | IC MCU 32BIT 64KB FLASH 64LQFP                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                            |
| QUANTITY AVAILABLE               | 15196 pcs                                                                                             |
| DATA SHEET                       |  STM32F372R8T6.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2 V ~ 3.6 V                                                                                           |
| SUPPLIER DEVICE PACKAGE          | 64-LQFP (10x10)                                                                                       |
| 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                   | 64-LQFP                                                                                               |
| OTHER NAMES                      | 497-13303                                                                                             |
| OSCILLATOR TYPE                  | Internal                                                                                              |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                     |
| NUMBER OF I/O                    | 52                                                                                                    |
| 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 64KB (64K x 8) FLASH 64-LQFP (10x10)          |
| DATA CONVERTERS                  | A/D 1x12b, 1x16b, D/A 1x12b                                                                           |
| CORE SIZE                        | 32-Bit                                                                                                |
| CORE PROCESSOR                   | ARM® Cortex®-M4                                                                                       |
| CONNECTIVITY                     | CANbus, I²C, IrDA, LINbus, SPI, UART/USART, USB                                                       |
| BASE PART NUMBER                 | STM32F372                                                                                             |

Related Tags

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Related Products

|                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>STM32F372CBT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 128KB FLASH 48LQFP<br/>In stock: 17365 pcs<br/><div>RFQ</div></div> |  <div><b>STM32F358CCT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 48LQFP<br/>In stock: 34038 pcs<br/><div>RFQ</div></div>  |
|  <div><b>STM32F372V8T6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 64KB FLASH 100LQFP<br/>In stock: 14942 pcs<br/><div>RFQ</div></div> |  <div><b>STM32F372RCT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 64LQFP<br/>In stock: 22605 pcs<br/><div>RFQ</div></div>  |
|  <div><b>STM32F372RBT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 128KB FLASH 64LQFP<br/>In stock: 13320 pcs<br/><div>RFQ</div></div> |  <div><b>STM32F358RCT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 64LQFP<br/>In stock: 22813 pcs<br/><div>RFQ</div></div>  |
|  <div><b>STM32F372VBH6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 128KB FLASH 100BGA<br/>In stock: 15524 pcs<br/><div>RFQ</div></div> |  <div><b>STM32F358VCT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: 14670 pcs<br/><div>RFQ</div></div> |
|  <div><b>STM32F372V8H6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 64KB FLASH 100BGA<br/>In stock: 14350 pcs<br/><div>RFQ</div></div>  |  <div><b>STM32F372CCT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 48LQFP<br/>In stock: 13409 pcs<br/><div>RFQ</div></div>  |
|  <div><b>STM32F372C8T6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 64KB FLASH 48LQFP<br/>In stock: 17013 pcs<br/><div>RFQ</div></div>  |  <div><b>STM32F372VBT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 128KB FLASH 100LQFP<br/>In stock: 15605 pcs<br/><div>RFQ</div></div> |