



STMicroelectronics



Image may be representation. See specifications for product details.

STM32F072RBT7

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | STM32F072RBT7                                                                                                |
| Manufacturer/Brand: | STMicroelectronics                                                                                           |
| Product description | IC MCU 32BIT 128KB FLASH 64LQFP                                                                              |
|                     | <a href="#">1.STM32F072RBT7.pdf</a>                                                                          |
|                     | <a href="#">2.STM32F072RBT7.pdf</a>                                                                          |
|                     | <a href="#">3.STM32F072RBT7.pdf</a>                                                                          |
|                     | <a href="#">4.STM32F072RBT7.pdf</a>                                                                          |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

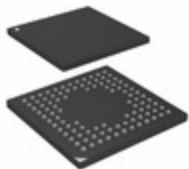
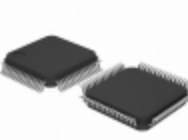
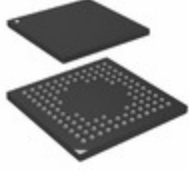
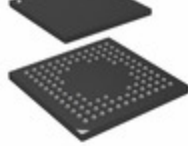
Specifications of STM32F072RBT7

|                                  |                                                                                                                                                          |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | STM32F072RBT7                                                                                                                                            |
| MANUFACTURER                     | STMicroelectronics                                                                                                                                       |
| DESCRIPTION                      | IC MCU 32BIT 128KB FLASH 64LQFP                                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                               |
| DATA SHEET                       | <a href="#">1.STM32F072RBT7.pdf</a><br><a href="#">2.STM32F072RBT7.pdf</a><br><a href="#">3.STM32F072RBT7.pdf</a><br><a href="#">4.STM32F072RBT7.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.65 V ~ 3.6 V                                                                                                                                           |
| SUPPLIER DEVICE PACKAGE          | 64-LQFP (10x10)                                                                                                                                          |
| SPEED                            | 48MHz                                                                                                                                                    |
| SERIES                           | STM32F0                                                                                                                                                  |
| RAM SIZE                         | 16K x 8                                                                                                                                                  |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                    |
| PROGRAM MEMORY SIZE              | 128KB (128K x 8)                                                                                                                                         |
| PERIPHERALS                      | DMA, I <sup>2</sup> S, POR, PWM, WDT                                                                                                                     |
| PACKAGING                        | Tray                                                                                                                                                     |
| PACKAGE / CASE                   | 64-LQFP                                                                                                                                                  |
| OTHER NAMES                      | 497-17902<br>STM32F072RBT7-ND                                                                                                                            |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                 |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                                                                       |
| NUMBER OF I/O                    | 51                                                                                                                                                       |
| 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®-M0 STM32F0 Microcontroller IC 32-Bit 48MHz 128KB (128K x 8) FLASH 64-LQFP (10x10)                                                           |
| DATA CONVERTERS                  | A/D 19x12b, D/A 1x12b                                                                                                                                    |
| CORE SIZE                        | 32-Bit                                                                                                                                                   |
| CORE PROCESSOR                   | ARM® Cortex®-M0                                                                                                                                          |
| CONNECTIVITY                     | CANbus, HDMI-CEC, I <sup>2</sup> C, IrDA, LINbus, SPI, UART/USART, USB                                                                                   |

Related Tags

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Related Products

|                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>STM32F072VBH6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 128KB FLASH 100UBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>   |  <div><b>STM32F072R8T6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 64KB FLASH 64LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
|  <div><b>STM32F072VBH6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 128KB FLASH 100UBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>STM32F072RBH6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 128KB FLASH 64UFBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>STM32F072RBT6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 128KB FLASH 64LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>STM32F072V8T6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 64KB FLASH 100LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>    |
|  <div><b>STM32F072VBH7</b><br/>Manufacturers: STMicroelectronics<br/>Description: UFBGA 7X7X0.60 100L<br/>In stock: Out stock<br/><div>RFQ</div></div>                |  <div><b>STM32F072RBH6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 128KB FLASH 64UFBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
|  <div><b>STM32F072RBT7TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 128KB FLASH 64LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>STM32F072V8H6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 64KB FLASH 100UFBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
|  <div><b>STM32F072RBT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 128KB FLASH 64LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>    |  <div><b>STM32F072R8T6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 64KB FLASH 64LQFP<br/>In stock: 374 pcs<br/><div>RFQ</div></div>       |