



STM32F072VBT6

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | STM32F072VBT6                                                                                                |
| Manufacturer/Brand: | Storm Interface                                                                                              |
| Product description | IC MCU 32BIT 128KB FLASH 100LQFP                                                                             |
|                     |  1.STM32F072VBT6.pdf        |
|                     |  2.STM32F072VBT6.pdf        |
|                     |  3.STM32F072VBT6.pdf        |
|                     |  4.STM32F072VBT6.pdf        |
| Datasheets:         |                                                                                                              |
| RoHS Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

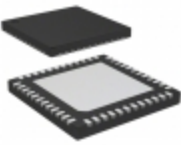
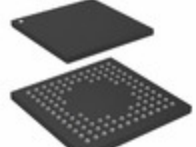
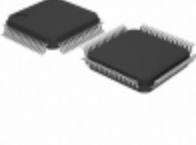
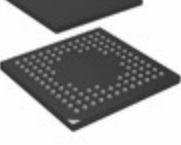
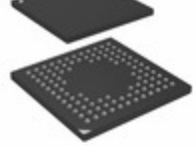
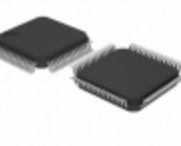
Specifications of STM32F072VBT6

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | STM32F072VBT6                                                                                                                                                                                                                                                                                                                                                                                                                            |
| MANUFACTURER                     | STMicroelectronics                                                                                                                                                                                                                                                                                                                                                                                                                       |
| DESCRIPTION                      | IC MCU 32BIT 128KB FLASH 100LQFP                                                                                                                                                                                                                                                                                                                                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                               |
| DATA SHEET                       |  1.STM32F072VBT6.pdf<br> 2.STM32F072VBT6.pdf<br> 3.STM32F072VBT6.pdf<br> 4.STM32F072VBT6.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | FLASH                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| VOLTAGE - BREAKDOWN              | 100-LQFP (14x14)                                                                                                                                                                                                                                                                                                                                                                                                                         |
| SERIES                           | STM32 F0                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| ROHS STATUS                      | Tray                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| REVERSE RECOVERY TIME (TRR)      | 48MHz                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| REQUIRES                         | DMA, I²S, POR, PWM, WDT                                                                                                                                                                                                                                                                                                                                                                                                                  |
| PROGRAM MEMORY TYPE              | 128KB (128K x 8)                                                                                                                                                                                                                                                                                                                                                                                                                         |
| PROGRAM MEMORY SIZE              | CAN, HDMI-CEC, I²C, IrDA, LIN, SPI, UART/USART, USB                                                                                                                                                                                                                                                                                                                                                                                      |
| POLARIZATION                     | 100-LQFP                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| OTHER NAMES                      | 497-14643                                                                                                                                                                                                                                                                                                                                                                                                                                |
| OSCILLATOR TYPE                  | A/D 16x12b, D/A 2x12b                                                                                                                                                                                                                                                                                                                                                                                                                    |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                                                                                                                                                                                                                        |
| OPERATING SYSTEM                 | ARM® Cortex®-M0                                                                                                                                                                                                                                                                                                                                                                                                                          |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                                                                                                                                            |
| MANUFACTURER STANDARD LEAD TIME  | 16 Weeks                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| MANUFACTURER PART NUMBER         | STM32F072VBT6                                                                                                                                                                                                                                                                                                                                                                                                                            |
| EXPANDED DESCRIPTION             | ARM® Cortex®-M0 STM32 F0 Microcontroller IC 32-Bit 48MHz 128KB (128K x 8) FLASH 100-LQFP (14x14)                                                                                                                                                                                                                                                                                                                                         |
| DESCRIPTION                      | IC MCU 32BIT 128KB FLASH 100LQFP                                                                                                                                                                                                                                                                                                                                                                                                         |
| DATA SRAM BYTES                  | -                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| DATA CONVERTERS                  | 1.65 V ~ 3.6 V                                                                                                                                                                                                                                                                                                                                                                                                                           |
| CORE SIZE                        | 16K x 8                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| CONTROLLER SERIES                | Internal                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| CONNECTIVITY                     | 32-Bit                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| CLOCK RATE                       | 87                                                                                                                                                                                                                                                                                                                                                                                                                                       |

Related Tags

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| Storm Interface STM32F072VBT6 |                                  |                                   |

Related Products

|                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <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>STM32F078CBU6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 128KB FLASH 48QFPN<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>STM32F078CBT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 128KB FLASH 48LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>    |
|  <div><b>STM32F078CBY6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 128KB FLASH 49WLCSP<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>STM32F078RBH6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 128KB FLASH 64BGA<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>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>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>STM32F078RBH7TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 128KB FLASH 64UFBGA<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>STM32F078RBT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 128KB FLASH 64LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>    |