



STM32F071VBH6

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | STM32F071VBH6                                                                                                |
| Manufacturer/Brand: | STMicroelectronics                                                                                           |
| Product description | IC MCU 32BIT 128KB FLASH 100UBGA                                                                             |
|                     | <a href="#">1.STM32F071VBH6.pdf</a>                                                                          |
|                     | <a href="#">2.STM32F071VBH6.pdf</a>                                                                          |
|                     | <a href="#">3.STM32F071VBH6.pdf</a>                                                                          |
|                     | <a href="#">4.STM32F071VBH6.pdf</a>                                                                          |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 54609 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

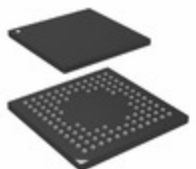
Specifications of STM32F071VBH6

|                                  |                                                                                                                                                          |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | STM32F071VBH6                                                                                                                                            |
| MANUFACTURER                     | STMicroelectronics                                                                                                                                       |
| DESCRIPTION                      | IC MCU 32BIT 128KB FLASH 100UBGA                                                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                               |
| QUANTITY AVAILABLE               | 54609 pcs                                                                                                                                                |
| DATA SHEET                       | <a href="#">1.STM32F071VBH6.pdf</a><br><a href="#">2.STM32F071VBH6.pdf</a><br><a href="#">3.STM32F071VBH6.pdf</a><br><a href="#">4.STM32F071VBH6.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.65 V ~ 3.6 V                                                                                                                                           |
| SUPPLIER DEVICE PACKAGE          | 100-UFBGA (7x7)                                                                                                                                          |
| SPEED                            | 48MHz                                                                                                                                                    |
| SERIES                           | STM32F0                                                                                                                                                  |
| RAM SIZE                         | 16K x 8                                                                                                                                                  |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                    |
| PROGRAM MEMORY SIZE              | 128KB (128K x 8)                                                                                                                                         |
| PERIPHERALS                      | DMA, I²S, POR, PWM, WDT                                                                                                                                  |
| PACKAGING                        | Tray                                                                                                                                                     |
| PACKAGE / CASE                   | 100-UFBGA                                                                                                                                                |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                 |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                        |
| NUMBER OF I/O                    | 87                                                                                                                                                       |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                            |
| 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 100-UFBGA (7x7)                                                           |
| DATA CONVERTERS                  | A/D 19x12b, D/A 2x12b                                                                                                                                    |
| CORE SIZE                        | 32-Bit                                                                                                                                                   |
| CORE PROCESSOR                   | ARM® Cortex®-M0                                                                                                                                          |
| CONNECTIVITY                     | HDMI-CEC, I²C, IrDA, LINbus, SPI, UART/USART                                                                                                             |

Related Tags

|                                  |                                  |                                      |
|----------------------------------|----------------------------------|--------------------------------------|
| STMicroelectronics STM32F071VBH6 | STM32F071VBH6 Distributor        | STM32F071VBH6 Supplier               |
| STM32F071VBH6 Price              | STM32F071VBH6 Pictures           | STM32F071VBH6 Image                  |
| STM32F071VBH6 PDF Datasheet      | STM32F071VBH6 Download Datasheet | STM32F071VBH6 Datasheet              |
| STM32F071VBH6 Stock              | Buy STM32F071VBH6                | Buy STMicroelectronics STM32F071VBH6 |
| STMicroelectronics STM32F071VBH6 | STMicroelectronics Supplier      | STMicroelectronics Distributor       |
| STMicroelectronics STM32F071VBH6 |                                  |                                      |

Related Products

|                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div>STM32F071V8T6</div> <div>Manufacturers: STMicroelectronics</div> <div>Description: IC MCU 32BIT 64KB FLASH 100LQFP</div> <div>In stock: 23398 pcs</div> <div>RFQ</div>  |  <div>STM32F071VBT6</div> <div>Manufacturers: STMicroelectronics</div> <div>Description: IC MCU 32BIT 128KB FLASH 100LQFP</div> <div>In stock: 26784 pcs</div> <div>RFQ</div>  |
|  <div>STM32F071V8H6</div> <div>Manufacturers: STMicroelectronics</div> <div>Description: IC MCU 32BIT 64KB FLASH 100UFBGA</div> <div>In stock: 59512 pcs</div> <div>RFQ</div> |  <div>STM32F071V8T7TR</div> <div>Manufacturers: STMicroelectronics</div> <div>Description: LQFP 100 14X14X1.4</div> <div>In stock: 50596 pcs</div> <div>RFQ</div>              |
|  <div>STM32F071V8T6TR</div> <div>Manufacturers: STMicroelectronics</div> <div>Description: LQFP 100 14X14X1.4</div> <div>In stock: 42469 pcs</div> <div>RFQ</div>             |  <div>STM32F071RBT7TR</div> <div>Manufacturers: STMicroelectronics</div> <div>Description: IC MCU 32BIT 128KB FLASH 64LQFP</div> <div>In stock: 41313 pcs</div> <div>RFQ</div> |
|  <div>STM32F072C8T6TR</div> <div>Manufacturers: STMicroelectronics</div> <div>Description: IC MCU 32BIT 64KB FLASH 48LQFP</div> <div>In stock: 24256 pcs</div> <div>RFQ</div> |  <div>STM32F071VBT6TR</div> <div>Manufacturers: STMicroelectronics</div> <div>Description: LQFP 100 14X14X1.4</div> <div>In stock: 39724 pcs</div> <div>RFQ</div>              |
|  <div>STM32F071V8T7</div> <div>Manufacturers: STMicroelectronics</div> <div>Description: IC MCU 32BIT 64KB FLASH 100LQFP</div> <div>In stock: 44396 pcs</div> <div>RFQ</div>  |  <div>STM32F072C8T7</div> <div>Manufacturers: STMicroelectronics</div> <div>Description: IC MCU 32BIT 64KB FLASH 48LQFP</div> <div>In stock: 62429 pcs</div> <div>RFQ</div>    |
|  <div>STM32F072B-DISCO</div> <div>Manufacturers: STMicroelectronics</div> <div>Description: KIT DISCOVERY FOR STM32F072B</div> <div>In stock: 8966 pcs</div> <div>RFQ</div>   |  <div>STM32F072C8T6</div> <div>Manufacturers: STMicroelectronics</div> <div>Description: IC MCU 32BIT 64KB FLASH 48LQFP</div> <div>In stock: 31763 pcs</div> <div>RFQ</div>    |