



STM32F767VIT6

|                     |                                                                                                                   |
|---------------------|-------------------------------------------------------------------------------------------------------------------|
| Part Number:        | STM32F767VIT6                                                                                                     |
| Manufacturer/Brand: | STMicroelectronics                                                                                                |
| Product description | IC MCU 32BIT 2MB FLASH 100LQFP                                                                                    |
| Datasheets:         | <a href="#">1.STM32F767VIT6.pdf</a><br><a href="#">2.STM32F767VIT6.pdf</a><br><a href="#">3.STM32F767VIT6.pdf</a> |
| RoHS Status         |  Lead free / RoHS Compliant      |
| Ship From           | Hong Kong                                                                                                         |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                             |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

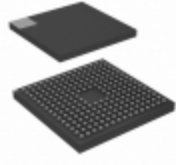
Specifications of STM32F767VIT6

|                                  |                                                                                                                   |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | STM32F767VIT6                                                                                                     |
| MANUFACTURER                     | STMicroelectronics                                                                                                |
| DESCRIPTION                      | IC MCU 32BIT 2MB FLASH 100LQFP                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                        |
| DATA SHEET                       | <a href="#">1.STM32F767VIT6.pdf</a><br><a href="#">2.STM32F767VIT6.pdf</a><br><a href="#">3.STM32F767VIT6.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.7 V ~ 3.6 V                                                                                                     |
| SUPPLIER DEVICE PACKAGE          | 100-LQFP (14x14)                                                                                                  |
| SPEED                            | 216MHz                                                                                                            |
| SERIES                           | STM32F7                                                                                                           |
| RAM SIZE                         | 512K x 8                                                                                                          |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                             |
| PROGRAM MEMORY SIZE              | 2MB (2M x 8)                                                                                                      |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, I²S, LCD, POR, PWM, WDT                                                              |
| PACKAGING                        | Tray                                                                                                              |
| PACKAGE / CASE                   | 100-LQFP                                                                                                          |
| OTHER NAMES                      | 497-16643                                                                                                         |
| OSCILLATOR TYPE                  | Internal                                                                                                          |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                 |
| NUMBER OF I/O                    | 82                                                                                                                |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                     |
| MANUFACTURER STANDARD LEAD TIME  | 14 Weeks                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                        |
| EEPROM SIZE                      | -                                                                                                                 |
| DETAILED DESCRIPTION             | ARM® Cortex®-M7 STM32F7 Microcontroller IC 32-Bit 216MHz 2MB (2M x 8) FLASH 100-LQFP (14x14)                      |
| DATA CONVERTERS                  | A/D 16x12b, D/A 2x12b                                                                                             |
| CORE SIZE                        | 32-Bit                                                                                                            |
| CORE PROCESSOR                   | ARM® Cortex®-M7                                                                                                   |
| CONNECTIVITY                     | CANbus, EBI/EMI, Ethernet, I²C, IrDA, LINbus, MMC/SD/SDIO, QSPI, SAI, SPDIF, SPI, UART/USART, USB OTG             |

Related Tags

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Related Products

|                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>STM32F767NIH6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 2MB FLASH 216TFBGA<br/>In stock: 944 pcs<br/><b>RFQ</b></div>     |  <div><b>STM32F767ZGT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 1MB FLASH 144LQFP<br/>In stock: 197 pcs<br/><b>RFQ</b></div>       |
|  <div><b>STM32F767VGT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 1MB FLASH 100LQFP<br/>In stock: 66 pcs<br/><b>RFQ</b></div>       |  <div><b>STM32F767NGH6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 1MB FLASH 216TFBGA<br/>In stock: 765 pcs<br/><b>RFQ</b></div>      |
|  <div><b>STM32F767VIH6</b><br/>Manufacturers: STMicroelectronics<br/>Description: TFBGA 8X8 100L F10X1<br/>In stock: Out stock<br/><b>RFQ</b></div>              |  <div><b>STM32F767VGT7</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 1MB FLASH 100LQFP<br/>In stock: Out stock<br/><b>RFQ</b></div>     |
|  <div><b>STM32F769BGT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 1MB FLASH 208LQFP<br/>In stock: 296 pcs<br/><b>RFQ</b></div>      |  <div><b>STM32F769BIT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 2MB FLASH 208LQFP<br/>In stock: 935 pcs<br/><b>RFQ</b></div>       |
|  <div><b>STM32F769AIY6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 2MB FLASH 180WLCSP<br/>In stock: Out stock<br/><b>RFQ</b></div> |  <div><b>STM32F769AIY6UTR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 2MB FLASH 180WLCSP<br/>In stock: Out stock<br/><b>RFQ</b></div> |
|  <div><b>STM32F767ZIT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 2MB FLASH 144LQFP<br/>In stock: Out stock<br/><b>RFQ</b></div>    |  <div><b>STM32F767NIH7</b><br/>Manufacturers: STMicroelectronics<br/>Description: TFBGA 13X13X1.2 216L<br/>In stock: Out stock<br/><b>RFQ</b></div>               |