



STMicroelectronics



STM32F479IGH6

|                     |                                                                                                                     |
|---------------------|---------------------------------------------------------------------------------------------------------------------|
| Part Number:        | STM32F479IGH6                                                                                                       |
| Manufacturer/Brand: | STMicroelectronics                                                                                                  |
| Product description | IC MCU 32BIT 1MB FLASH 176BGA                                                                                       |
| Datasheets:         |  <a href="#">STM32F479IGH6.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant        |
| Stock Condition     | 10423 pcs stock                                                                                                     |
| Ship From           | Hong Kong                                                                                                           |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                               |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

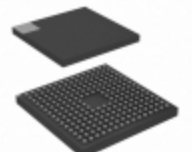
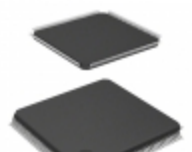
Specifications of STM32F479IGH6

|                                  |                                                                                                                       |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | STM32F479IGH6                                                                                                         |
| MANUFACTURER                     | STMicroelectronics                                                                                                    |
| DESCRIPTION                      | IC MCU 32BIT 1MB FLASH 176BGA                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                            |
| QUANTITY AVAILABLE               | 10423 pcs                                                                                                             |
| DATA SHEET                       |  <a href="#">STM32F479IGH6.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.7 V ~ 3.6 V                                                                                                         |
| SUPPLIER DEVICE PACKAGE          | 176-UFBGA (10x10)                                                                                                     |
| SPEED                            | 180MHz                                                                                                                |
| SERIES                           | STM32F4                                                                                                               |
| RAM SIZE                         | 384K x 8                                                                                                              |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                 |
| PROGRAM MEMORY SIZE              | 1MB (1M x 8)                                                                                                          |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, I²S, LCD, POR, PWM, WDT                                                                  |
| PACKAGING                        | Tray                                                                                                                  |
| PACKAGE / CASE                   | 201-UFBGA                                                                                                             |
| OSCILLATOR TYPE                  | Internal                                                                                                              |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                     |
| NUMBER OF I/O                    | 131                                                                                                                   |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                            |
| EEPROM SIZE                      | -                                                                                                                     |
| DETAILED DESCRIPTION             | ARM® Cortex®-M4 STM32F4 Microcontroller IC 32-Bit 180MHz 1MB (1M x 8) FLASH 176-UFBGA (10x10)                         |
| DATA CONVERTERS                  | A/D 24x12b, D/A 2x12b                                                                                                 |
| CORE SIZE                        | 32-Bit                                                                                                                |
| CORE PROCESSOR                   | ARM® Cortex®-M4                                                                                                       |
| CONNECTIVITY                     | CANbus, EBI/EMI, Ethernet, I²C, IrDA, LINbus, SAI, SDIO, SPI, UART/USART, USB, USB OTG                                |

Related Tags

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Related Products

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|  <div><b>STM32F479BGT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 1MB FLASH 208LQFP<br/>In stock: 8374 pcs<br/><div>RFQ</div></div>   |  <div><b>STM32F479BIT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 2MB FLASH 208LQFP<br/>In stock: 8669 pcs<br/><div>RFQ</div></div>  |
|  <div><b>STM32F479AIY6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 2MB FLASH 168CSP<br/>In stock: 10044 pcs<br/><div>RFQ</div></div> |  <div><b>STM32F479VIT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 2MB FLASH 100LQFP<br/>In stock: 10668 pcs<br/><div>RFQ</div></div> |
|  <div><b>STM32F479NIH6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 2MB FLASH 216TFBGA<br/>In stock: 5901 pcs<br/><div>RFQ</div></div>  |  <div><b>STM32F479AIH6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 2MB FLASH 169BGA<br/>In stock: 10325 pcs<br/><div>RFQ</div></div>  |
|  <div><b>STM32F479IIT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 2MB FLASH 176LQFP<br/>In stock: 8892 pcs<br/><div>RFQ</div></div>   |  <div><b>STM32F469ZIT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 2MB FLASH 144LQFP<br/>In stock: 7866 pcs<br/><div>RFQ</div></div>  |
|  <div><b>STM32F479IIH6</b><br/>Manufacturers: STMicroelectronics<br/>Description: UFBGA 10X10X0.6 176+<br/>In stock: 9349 pcs<br/><div>RFQ</div></div>             |  <div><b>STM32F479NGH6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 1MB FLASH 216BGA<br/>In stock: 8484 pcs<br/><div>RFQ</div></div>   |
|  <div><b>STM32F479VGT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 1MB FLASH 100LQFP<br/>In stock: 9631 pcs<br/><div>RFQ</div></div>   |  <div><b>STM32F479AGH6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 1MB FLASH 169BGA<br/>In stock: 9701 pcs<br/><div>RFQ</div></div>   |