



STMicroelectronics



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STM32F479IIH6

|                     |                                                                                                     |
|---------------------|-----------------------------------------------------------------------------------------------------|
| Part Number:        | STM32F479IIH6                                                                                       |
| Manufacturer/Brand: | STMicroelectronics                                                                                  |
| Product description | UFBGA 10X10X0.6 176+                                                                                |
| Datasheets:         |  STM32F479IIH6.pdf |
| Ship From           | Hong Kong                                                                                           |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                               |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

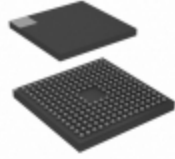
Specifications of STM32F479IIH6

|                                 |                                                                                                       |
|---------------------------------|-------------------------------------------------------------------------------------------------------|
| PART NUMBER                     | STM32F479IIH6                                                                                         |
| MANUFACTURER                    | STMicroelectronics                                                                                    |
| DESCRIPTION                     | UFBGA 10X10X0.6 176+                                                                                  |
| LEAD FREE STATUS / ROHS STATUS  |                                                                                                       |
| DATA SHEET                      |  STM32F479IIH6.pdf |
| 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             | 2MB (2M 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                                                                                                   |
| MANUFACTURER STANDARD LEAD TIME | 14 Weeks                                                                                              |
| EEPROM SIZE                     | -                                                                                                     |
| DETAILED DESCRIPTION            | ARM® Cortex®-M4 STM32F4 Microcontroller IC 32-Bit 180MHz 2MB (2M 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                |

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