



STMicroelectronics



STM32F469NGH6

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | STM32F469NGH6                                                                                                |
| Manufacturer/Brand: | STMicroelectronics                                                                                           |
| Product description | IC MCU 32BIT 1MB FLASH 216BGA                                                                                |
| Datasheets:         |  STM32F469NGH6.pdf          |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 9466 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.

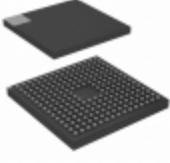
Specifications of STM32F469NGH6

|                                  |                                                                                                       |
|----------------------------------|-------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | STM32F469NGH6                                                                                         |
| MANUFACTURER                     | STMicroelectronics                                                                                    |
| DESCRIPTION                      | IC MCU 32BIT 1MB FLASH 216BGA                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                            |
| QUANTITY AVAILABLE               | 9466 pcs                                                                                              |
| DATA SHEET                       |  STM32F469NGH6.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.7 V ~ 3.6 V                                                                                         |
| SUPPLIER DEVICE PACKAGE          | 216-TFBGA (13x13)                                                                                     |
| 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                   | 216-TFBGA                                                                                             |
| OSCILLATOR TYPE                  | Internal                                                                                              |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                     |
| NUMBER OF I/O                    | 161                                                                                                   |
| 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 216-TFBGA (13x13)         |
| 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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|                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>STM32F469IIT6G</b><br/>Manufacturers: STMicroelectronics<br/>Description: LQFP 176 24X24X1.4<br/>In stock: 6099 pcs</div> <div>RFQ</div>               |  <div><b>STM32F469IIT6E</b><br/>Manufacturers: STMicroelectronics<br/>Description: LQFP 176 24X24X1.4<br/>In stock: 5566 pcs</div> <div>RFQ</div>             |
|  <div><b>STM32F469IIH6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 2MB FLASH 169BGA<br/>In stock: 9561 pcs</div> <div>RFQ</div>     |  <div><b>STM32F469VIT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 2MB FLASH 100LQFP<br/>In stock: 8500 pcs</div> <div>RFQ</div>  |
|  <div><b>STM32F469VET6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 512KB FLASH 100LQFP<br/>In stock: 12350 pcs</div> <div>RFQ</div> |  <div><b>STM32F469IIT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 2MB FLASH 176LQFP<br/>In stock: 6618 pcs</div> <div>RFQ</div>  |
|  <div><b>STM32F469NIH7</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 2MB FLASH 216BGA<br/>In stock: 7431 pcs</div> <div>RFQ</div>     |  <div><b>STM32F469NIH6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: TFBGA 13X13X1.2 216L<br/>In stock: 7425 pcs</div> <div>RFQ</div>          |
|  <div><b>STM32F469VGT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 1MB FLASH 100LQFP<br/>In stock: 11894 pcs</div> <div>RFQ</div>   |  <div><b>STM32F469IGT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 1MB FLASH 176LQFP<br/>In stock: 10481 pcs</div> <div>RFQ</div> |
|  <div><b>STM32F469NEH6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 512KB FLASH 216BGA<br/>In stock: 11636 pcs</div> <div>RFQ</div>  |  <div><b>STM32F469NIH6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 2MB FLASH 216TFBGA<br/>In stock: 6214 pcs</div> <div>RFQ</div> |