



STM32F469AGY6TR

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|---------------------|-------------------------------|
| Part Number:        | STM32F469AGY6TR               |
| Manufacturer/Brand: | STMicroelectronics            |
| Product description | IC MCU 32BIT 1MB FLASH 168CSP |
| Datasheets:         | STM32F469AGY6TR.pdf           |
| RoHs Status         | Lead free / RoHS Compliant    |
| Stock Condition     | 11895 pcs stock               |
| Ship From           | Hong Kong                     |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS         |

REQUEST FOR QUOTATION

Specifications of STM32F469AGY6TR

|                                  |                                                                                                   |
|----------------------------------|---------------------------------------------------------------------------------------------------|
| PART NUMBER                      | STM32F469AGY6TR                                                                                   |
| MANUFACTURER                     | STMicroelectronics                                                                                |
| DESCRIPTION                      | IC MCU 32BIT 1MB FLASH 168CSP                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                        |
| QUANTITY AVAILABLE               | 11895 pcs                                                                                         |
| DATA SHEET                       | STM32F469AGY6TR.pdf                                                                               |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.7 V ~ 3.6 V                                                                                     |
| SUPPLIER DEVICE PACKAGE          | 168-WLCSP (4.89x5.69)                                                                             |
| 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                        | Tape & Reel (TR)                                                                                  |
| PACKAGE / CASE                   | 168-UFBGA, WLCSP                                                                                  |
| OSCILLATOR TYPE                  | Internal                                                                                          |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                 |
| NUMBER OF I/O                    | 114                                                                                               |
| 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 168-WLCSP (4.89x5.69) |
| 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

|                                                                                                                                          |                                                                                                                                            |
|------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| <b>STM32F469BIT7</b><br>Manufacturers: STMicroelectronics<br>Description: IC MCU 32BIT 2MB FLASH 208LQFP<br>In stock: 6637 pcs<br>RFQ    | <b>STM32F469BIT6</b><br>Manufacturers: STMicroelectronics<br>Description: IC MCU 32BIT 2MB FLASH 208LQFP<br>In stock: 5696 pcs<br>RFQ      |
| <b>STM32F469AIH6</b><br>Manufacturers: STMicroelectronics<br>Description: IC MCU 32BIT 2MB FLASH 169UFBGA<br>In stock: 5618 pcs<br>RFQ   | <b>STM32F469AGH6TR</b><br>Manufacturers: STMicroelectronics<br>Description: UFBGA 7X7X0.6 169L P<br>In stock: 10247 pcs<br>RFQ             |
| <b>STM32F469AEH6</b><br>Manufacturers: STMicroelectronics<br>Description: IC MCU 32BIT 512KB FLASH 169BGA<br>In stock: 11453 pcs<br>RFQ  | <b>STM32F446ZEJ7TR</b><br>Manufacturers: STMicroelectronics<br>Description: IC MCU 32BIT 512KB FLASH 144UFBG<br>In stock: 16608 pcs<br>RFQ |
| <b>STM32F446ZET7</b><br>Manufacturers: STMicroelectronics<br>Description: IC MCU 32BIT 512KB FLASH 144LQFP<br>In stock: 13589 pcs<br>RFQ | <b>STM32F446ZET6</b><br>Manufacturers: STMicroelectronics<br>Description: IC MCU 32BIT 512KB FLASH 144LQFP<br>In stock: 7343 pcs<br>RFQ    |
| <b>STM32F469BGT6</b><br>Manufacturers: STMicroelectronics<br>Description: IC MCU 32BIT 1MB FLASH 208LQFP<br>In stock: 7904 pcs<br>RFQ    | <b>STM32F469AIY6TR</b><br>Manufacturers: STMicroelectronics<br>Description: IC MCU 32BIT 2MB FLASH 168CSP<br>In stock: 12533 pcs<br>RFQ    |
| <b>STM32F469BET6</b><br>Manufacturers: STMicroelectronics<br>Description: IC MCU 32BIT 512KB FLASH 208LQFP<br>In stock: 10590 pcs<br>RFQ | <b>STM32F469AGH6</b><br>Manufacturers: STMicroelectronics<br>Description: IC MCU 32BIT 1MB FLASH 169BGA<br>In stock: 10570 pcs<br>RFQ      |