



STM32F407ZGT7

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | STM32F407ZGT7                                                                                                |
| Manufacturer/Brand: | STMicroelectronics                                                                                           |
| Product description | IC MCU 32BIT 1MB FLASH 144LQFP                                                                               |
| Datasheets:         |  STM32F407ZGT7.pdf          |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 6052 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

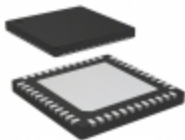
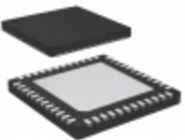
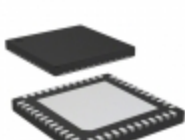
Specifications of STM32F407ZGT7

|                                  |                                                                                                       |
|----------------------------------|-------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | STM32F407ZGT7                                                                                         |
| MANUFACTURER                     | STMicroelectronics                                                                                    |
| DESCRIPTION                      | IC MCU 32BIT 1MB FLASH 144LQFP                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                            |
| QUANTITY AVAILABLE               | 6052 pcs                                                                                              |
| DATA SHEET                       |  STM32F407ZGT7.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 3.6 V                                                                                         |
| SUPPLIER DEVICE PACKAGE          | 144-LQFP (20x20)                                                                                      |
| SPEED                            | 168MHz                                                                                                |
| SERIES                           | STM32F4                                                                                               |
| RAM SIZE                         | 192K 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                   | 144-LQFP                                                                                              |
| OTHER NAMES                      | 497-17439<br>STM32F407ZGT7-ND                                                                         |
| OSCILLATOR TYPE                  | Internal                                                                                              |
| OPERATING TEMPERATURE            | -40°C ~ 105°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 168MHz 1MB (1M x 8) FLASH 144-LQFP (20x20)          |
| DATA CONVERTERS                  | A/D 24x12b, D/A 2x12b                                                                                 |
| CORE SIZE                        | 32-Bit                                                                                                |
| CORE PROCESSOR                   | ARM® Cortex®-M4                                                                                       |
| CONNECTIVITY                     | CANbus, DCMI, EBI/EMI, Ethernet, I²C, IrDA, LINbus, SPI, UART/USART, USB OTG                          |
| BASE PART NUMBER                 | STM32F407                                                                                             |

Related Tags

|                                  |                                  |                                      |
|----------------------------------|----------------------------------|--------------------------------------|
| STMicroelectronics STM32F407ZGT7 | STM32F407ZGT7 Distributor        | STM32F407ZGT7 Supplier               |
| STM32F407ZGT7 Price              | STM32F407ZGT7 Pictures           | STM32F407ZGT7 Image                  |
| STM32F407ZGT7 PDF Datasheet      | STM32F407ZGT7 Download Datasheet | STM32F407ZGT7 Datasheet              |
| STM32F407ZGT7 Stock              | Buy STM32F407ZGT7                | Buy STMicroelectronics STM32F407ZGT7 |
| STMicroelectronics STM32F407ZGT7 | STMicroelectronics Supplier      | STMicroelectronics Distributor       |
| STM32F407ZGT7                    |                                  |                                      |

Related Products

|                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div>STM32F410CBU6</div> <div>Manufacturers: STMicroelectronics</div> <div>Description: IC MCU 32BIT 128KB FLASH 48QFPN</div> <div>In stock: 27266 pcs</div> <div>RFQ</div>  |  <div>STM32F410C8U6</div> <div>Manufacturers: STMicroelectronics</div> <div>Description: IC MCU 32BIT 64KB FLASH 48QFPN</div> <div>In stock: 40882 pcs</div> <div>RFQ</div>  |
|  <div>STM32F407VGT7TR</div> <div>Manufacturers: STMicroelectronics</div> <div>Description: IC MCU 32BIT 1MB FLASH 100LQFP</div> <div>In stock: 10294 pcs</div> <div>RFQ</div> |  <div>STM32F407ZGT6TR</div> <div>Manufacturers: STMicroelectronics</div> <div>Description: LQFP 144 20X20X1.4 2</div> <div>In stock: 9774 pcs</div> <div>RFQ</div>           |
|  <div>STM32F410C8U6TR</div> <div>Manufacturers: STMicroelectronics</div> <div>Description: UFQFPN 7X7X0.55 48L</div> <div>In stock: 43545 pcs</div> <div>RFQ</div>            |  <div>STM32F407ZGT6J</div> <div>Manufacturers: STMicroelectronics</div> <div>Description: IC MCU 32BIT 1MB FLASH 144LQFP</div> <div>In stock: 5589 pcs</div> <div>RFQ</div>  |
|  <div>STM32F410CBT3</div> <div>Manufacturers: STMicroelectronics</div> <div>Description: IC MCU 32BIT 128KB FLASH 48LQFP</div> <div>In stock: 20129 pcs</div> <div>RFQ</div>  |  <div>STM32F407ZET6</div> <div>Manufacturers: STMicroelectronics</div> <div>Description: IC MCU 32BIT 512KB FLASH 144LQFP</div> <div>In stock: 9262 pcs</div> <div>RFQ</div> |
|  <div>STM32F407ZGT6</div> <div>Manufacturers: STMicroelectronics</div> <div>Description: IC MCU 32BIT 1MB FLASH 144LQFP</div> <div>In stock: 7618 pcs</div> <div>RFQ</div>    |  <div>STM32F410R8T6</div> <div>Manufacturers: STMicroelectronics</div> <div>Description: IC MCU 32BIT 64KB FLASH 64LQFP</div> <div>In stock: 38636 pcs</div> <div>RFQ</div>  |
|  <div>STM32F410CBT6</div> <div>Manufacturers: STMicroelectronics</div> <div>Description: IC MCU 32BIT 128KB FLASH 48LQFP</div> <div>In stock: 41902 pcs</div> <div>RFQ</div>  |  <div>STM32F407ZET7</div> <div>Manufacturers: STMicroelectronics</div> <div>Description: IC MCU 32BIT 512KB FLASH 144LQFP</div> <div>In stock: 7397 pcs</div> <div>RFQ</div> |