



STM32F101RGT6

Part Number:

Manufacturer/Brand:

Product description:

Datasheets:

RoHs Status:

Ship From:

Shipment Way:

STM32F101RGT6

STMicroelectronics

IC MCU 32BIT 1MB FLASH 64LQFP

 STM32F101RGT6.pdf

 Lead free / RoHS Compliant

Hong Kong

DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

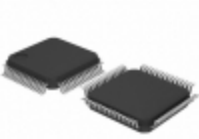
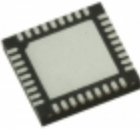
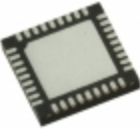
Specifications of STM32F101RGT6

|                                  |                                                                                                       |
|----------------------------------|-------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | STM32F101RGT6                                                                                         |
| MANUFACTURER                     | STMicroelectronics                                                                                    |
| DESCRIPTION                      | IC MCU 32BIT 1MB FLASH 64LQFP                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                            |
| DATA SHEET                       |  STM32F101RGT6.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2 V ~ 3.6 V                                                                                           |
| SUPPLIER DEVICE PACKAGE          | 64-LQFP (10x10)                                                                                       |
| SPEED                            | 36MHz                                                                                                 |
| SERIES                           | STM32F1                                                                                               |
| RAM SIZE                         | 80K x 8                                                                                               |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                 |
| PROGRAM MEMORY SIZE              | 1MB (1M x 8)                                                                                          |
| PERIPHERALS                      | DMA, PDR, POR, PVD, PWM, Temp Sensor, WDT                                                             |
| PACKAGING                        | Tray                                                                                                  |
| PACKAGE / CASE                   | 64-LQFP                                                                                               |
| OTHER NAMES                      | 497-11112                                                                                             |
| OSCILLATOR TYPE                  | Internal                                                                                              |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                     |
| NUMBER OF I/O                    | 51                                                                                                    |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                         |
| MANUFACTURER STANDARD LEAD TIME  | 10 Weeks                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                            |
| EEPROM SIZE                      | -                                                                                                     |
| DETAILED DESCRIPTION             | ARM® Cortex®-M3 STM32F1 Microcontroller IC 32-Bit 36MHz 1MB (1M x 8) FLASH 64-LQFP (10x10)            |
| DATA CONVERTERS                  | A/D 16x12b, D/A 2x12b                                                                                 |
| CORE SIZE                        | 32-Bit                                                                                                |
| CORE PROCESSOR                   | ARM® Cortex®-M3                                                                                       |
| CONNECTIVITY                     | I²C, IrDA, LINbus, SPI, UART/USART                                                                    |
| BASE PART NUMBER                 | STM32F101                                                                                             |

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|  <div><b>STM32F101RGT6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 1MB FLASH 64LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>   |  <div><b>STM32F101T6U6ATR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 32KB FLASH 36VFQFPN<br/>In stock: Out stock<br/><div>RFQ</div></div> |
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|  <div><b>STM32F101RET6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 512KB FLASH 64LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>   |  <div><b>STM32F101RDT6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 384KB FLASH 64LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
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