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STMicroelectronics



Image may be representation. See specifications for product details.

# STM32F765NGH7TR

| | |
|---|---|
| Part Number: | STM32F765NGH7TR |
| Manufacturer/Brand: | STMicroelectronics |
| Product description | TFBGA 13X13X1.2 216L |
| Datasheets: | 📄 STM32F765NGH7TR.pdf |
| Ship From | Hong Kong |
| Shipment Way | DHL/Fedex/TNT/UPS/EMS |

**REQUEST FOR QUOTATION**
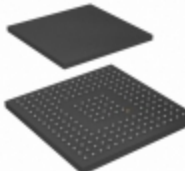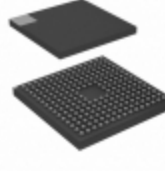
## Specifications of STM32F765NGH7TR

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|---|---|
| PART NUMBER | STM32F765NGH7TR |
| MANUFACTURER | STMicroelectronics |
| DESCRIPTION | TFBGA 13X13X1.2 216L |
| LEAD FREE STATUS / ROHS STATUS | |
| DATA SHEET | 📄 STM32F765NGH7TR.pdf |
| VOLTAGE - SUPPLY (VCC/VDD) | 1.7 V ~ 3.6 V |
| SUPPLIER DEVICE PACKAGE | 216-TFBGA (13x13) |
| SPEED | 216MHz |
| SERIES | STM32F7 |
| RAM SIZE | 512K x 8 |
| PROGRAM MEMORY TYPE | FLASH |
| PROGRAM MEMORY SIZE | 1MB (1M x 8) |
| PERIPHERALS | Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT |
| PACKAGING | Tray |
| PACKAGE / CASE | 216-TFBGA |
| OSCILLATOR TYPE | Internal |
| OPERATING TEMPERATURE | -40°C ~ 105°C (TA) |
| NUMBER OF I/O | 168 |
| MANUFACTURER STANDARD LEAD TIME | 14 Weeks |
| EEPROM SIZE | - |
| DETAILED DESCRIPTION | ARM® Cortex®-M7 STM32F7 Microcontroller IC 32-Bit 216MHz 1MB (1M x 8) FLASH 216-TFBGA (13x13) |
| DATA CONVERTERS | A/D 24x12b, A/D 2x12b |
| CORE SIZE | 32-Bit |
| CORE PROCESSOR | ARM® Cortex®-M7 |
| CONNECTIVITY | CANbus, EBI/EMI, Ethernet, I²C, IrDA, LINbus, MMC/SD/SDIO, QSPI, SAI, SPDIF, SPI, UART/USART, USB OTG |

## Related Tags

| | | |
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**STM32F765VGT6TR**
Manufacturers: STMicroelectronics
Description: LQFP 100 14X14X1.4
In stock: Out stock
**RFQ**



**STM32F765VGT6**
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 1MB FLASH 100LQFP
In stock: Out stock
**RFQ**



**STM32F765IIK6**
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 2MB FLASH 176UFBGA
In stock: Out stock
**RFQ**



**STM32F765NIH6**
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 2MB FLASH 216TFBGA
In stock: 368 pcs
**RFQ**



**STM32F765IGT6**
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 1MB FLASH 176LQFP
In stock: 287 pcs
**RFQ**



**STM32F765VGH6**
Manufacturers: STMicroelectronics
Description: TFBGA 8X8 100L F10X1
In stock: Out stock
**RFQ**



**STM32F765IIT6**
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 2MB FLASH 176LQFP
In stock: 908 pcs
**RFQ**



**STM32F765VGT7**
Manufacturers: STMicroelectronics
Description: LQFP 100 14X14X1.4
In stock: Out stock
**RFQ**



**STM32F765NGH6**
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 1MB FLASH 216TFBGA
In stock: 120 pcs
**RFQ**



**STM32F765IIK7**
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 2MB FLASH 176BGA
In stock: Out stock
**RFQ**



**STM32F765NGH7**
Manufacturers: STMicroelectronics
Description: TFBGA 13X13X1.2 216L
In stock: Out stock
**RFQ**



**STM32F765VIH6**
Manufacturers: STMicroelectronics
Description: TFBGA 8X8 100L F10X1
In stock: Out stock
**RFQ**