STM32F765NGH6

Part Number:	STM32F765NGH6
Manufacturer/Brand:	STMicroelectronics
Product description	IC MCU 32BIT 1MB FLASH 216TFBGA
Datasheets:	1.STM32F765NGH6.pdf
	2.STM32F765NGH6.pdf
RoHs Status	Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

STMicroelectronics

REQUEST FOR QUOTATION

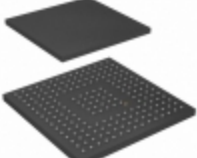Image may be representation. See specifications for product details.
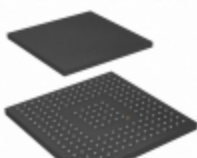
Specifications of STM32F765NGH6

PART NUMBER	STM32F765NGH6
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC MCU 32BIT 1MB FLASH 216TFBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.STM32F765NGH6.pdf
	2.STM32F765NGH6.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
OTHER NAMES	497-16628
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	168
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	14 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
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

STMicroelectronics STM32F765NGH6	STM32F765NGH6 Distributor	STM32F765NGH6 Supplier
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STMicroelectronics STM32F765NGH6		

Related Products

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

STM32F765BIT6
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 2MB FLASH 208LQFP
In stock: 487 pcs
RFQ

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

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

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

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

STM32F765IGK6
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 1MB FLASH 176UFBGA
In stock: Out stock
RFQ

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

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

STM32F765NGH7TR
Manufacturers: STMicroelectronics
Description: TFBGA 13X13X1.2 216L
In stock: Out stock
RFQ

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

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