



STMicroelectronics



STM32F765NIH6

Part Number:	STM32F765NIH6
Manufacturer/Brand:	STMicroelectronics
Product description	IC MCU 32BIT 2MB FLASH 216TFBGA
Datasheets:	1.STM32F765NIH6.pdf 2.STM32F765NIH6.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

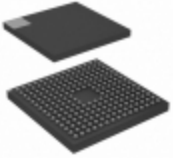
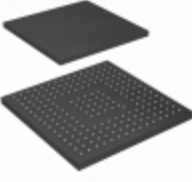
Specifications of STM32F765NIH6

PART NUMBER	STM32F765NIH6
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC MCU 32BIT 2MB FLASH 216TFBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.STM32F765NIH6.pdf 2.STM32F765NIH6.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	2MB (2M x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, I ² S, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	216-TFBGA
OTHER NAMES	497-16629
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 2MB (2M 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, I ² C, IrDA, LINbus, MMC/SD/SDIO, QSPI, SAI, SPDIF, SPI, UART/USART, USB OTG

Related Tags

STMicroelectronics STM32F765NIH6	STM32F765NIH6 Distributor	STM32F765NIH6 Supplier
STM32F765NIH6 Price	STM32F765NIH6 Pictures	STM32F765NIH6 Image
STM32F765NIH6 PDF Datasheet	STM32F765NIH6 Download Datasheet	STM32F765NIH6 Datasheet
STM32F765NIH6 Stock	Buy STM32F765NIH6	Buy STMicroelectronics STM32F765NIH6
STMicroelectronics STM32F765NIH6	STMicroelectronics Supplier	STMicroelectronics Distributor
STMicroelectronics STM32F765NIH6		

Related Products

 STM32F765IIK7 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 2MB FLASH 176BGA In stock: Out stock RFQ	 STM32F765NGH6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 1MB FLASH 216TFBGA In stock: 120 pcs RFQ
 STM32F765VGT6TR Manufacturers: STMicroelectronics Description: LQFP 100 14X14X1.4 In stock: Out stock RFQ	 STM32F765VGT7 Manufacturers: STMicroelectronics Description: LQFP 100 14X14X1.4 In stock: Out stock RFQ
 STM32F765VIH6 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
 STM32F765VIT6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 2MB FLASH 100LQFP In stock: 540 pcs RFQ	 STM32F765NGH7TR Manufacturers: STMicroelectronics Description: TFBGA 13X13X1.2 216L In stock: Out stock RFQ
 STM32F765NGH7 Manufacturers: STMicroelectronics Description: TFBGA 13X13X1.2 216L In stock: Out stock RFQ	 STM32F765VGH6 Manufacturers: STMicroelectronics Description: TFBGA 8X8 100L F10X1 In stock: Out stock RFQ
 STM32F765VGT6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 1MB FLASH 100LQFP In stock: Out stock RFQ	 STM32F765IIT6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 2MB FLASH 176LQFP In stock: 908 pcs RFQ