# STM32F769NGH6 Details PDF





STM32F769NGH6

Part Number:

Datasheets:

RoHs Status Ship From Shipment Way

Manufacturer/Brand: Product description

STM32F769NGH6
STMicroelectronics
IC MCU 32BIT 1MB FLASH 216TFBGA
Def 1.STM32F769NGH6.pdf
2.STM32F769NGH6.pdf
Lead free / RoHS Compliant
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## **REQUEST FOR QUOTATION**

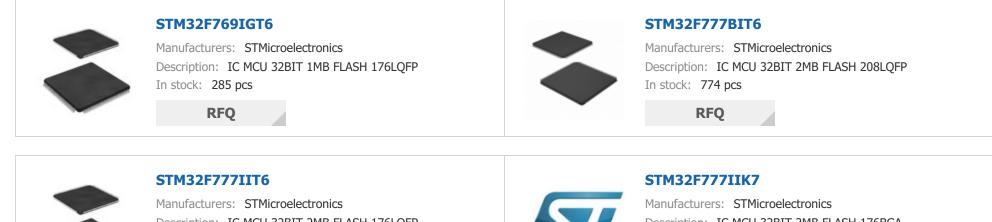
Image may be representation. See specifications for product details.

	Specifications of STM32F769NGH6	
PART NUMBER	STM32F769NGH6	
MANUFACTURER	STMicroelectronics	
DESCRIPTION	IC MCU 32BIT 1MB FLASH 216TFBGA	
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant	
DATA SHEET	I.STM32F769NGH6.pdf   I.STM32F769NGH6.pdf   I.STM32F769NGH6.pdf   I.STM32F769NGH6.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, I <sup>2</sup> S, LCD, POR, PWM, WDT	
PACKAGING	Tray	
PACKAGE / CASE	216-TFBGA	
OTHER NAMES	497-16650	
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, I <sup>2</sup> C, IrDA, LINbus, MMC/SD/SDIO, QSPI, SAI, SPDIF, SPI, UART/USART, USB OTG	

# **Related Tags**

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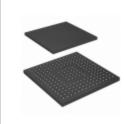
Manufacturers: STMicroelectronics Description: IC MCU 32BIT 2MB FLASH 176LQFP In stock: 195 pcs

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

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### STM32F777IIK6

Manufacturers: STMicroelectronics Description: IC MCU 32BIT 2MB FLASH 176UFBGA In stock: 985 pcs

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#### STM32F769IIT6

Manufacturers: STMicroelectronics Description: IC MCU 32BIT 2MB FLASH 176LQFP In stock: 426 pcs

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#### STM32F769IIT6E



Manufacturers: STMicroelectronics Description: LQFP 176 24X24X1.4 In stock: Out stock

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#### STM32F769NIH6

Manufacturers: STMicroelectronics Description: IC MCU 32BIT 2MB FLASH 216TFBGA In stock: 548 pcs

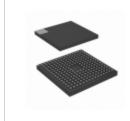


#### STM32F769I-DISCO



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#### STM32F769NIH6

Manufacturers: STMicroelectronics Description: IC MCU 32BIT 2MB FLASH 216TFBGA In stock: 5 pcs

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STM32F769I-EVAL

Manufacturers: STMicroelectronics Description: EVALUATION BOARD WITH STM32F769N In stock: 44 pcs

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