



STM32F769NIH6

Part Number:	STM32F769NIH6
Manufacturer/Brand:	STMicroelectronics
Product description	IC MCU 32BIT 2MB FLASH 216TFBGA  1.STM32F769NIH6.pdf  2.STM32F769NIH6.pdf  3.STM32F769NIH6.pdf  4.STM32F769NIH6.pdf
Datasheets:	 Lead free / RoHS Compliant
RoHs Status	5921 pcs stock
Stock Condition	Hong Kong
Ship From	DHL/Fedex/TNT/UPS/EMS
Shipment Way	

REQUEST FOR QUOTATION

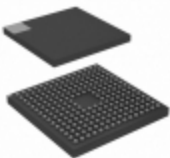
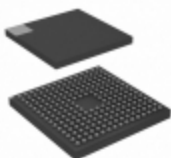
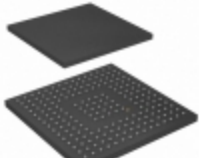
Specifications of STM32F769NIH6

PART NUMBER	STM32F769NIH6
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC MCU 32BIT 2MB FLASH 216TFBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	5921 pcs
DATA SHEET	 1.STM32F769NIH6.pdf  2.STM32F769NIH6.pdf  3.STM32F769NIH6.pdf  4.STM32F769NIH6.pdf
VOLTAGE - SUPPLY (VCC/VDD)	FLASH
VOLTAGE - BREAKDOWN	216-TFBGA (13x13)
SERIES	STM32 F7
ROHS STATUS	Tray
REVERSE RECOVERY TIME (TRR)	216MHz
REQUIRES	Brown-out Detect/Reset, DMA, I²S, LCD, POR, PWM, WDT
PROGRAM MEMORY TYPE	2MB (2M x 8)
PROGRAM MEMORY SIZE	CAN, EBI/EMI, Ethernet, I²C, IrDA, LIN, MMC/SD/SDIO, QSPI, SAI, SPDIF, SPI, UART/USART, USB OTG
POLARIZATION	216-TFBGA
OTHER NAMES	497-16651
OSCILLATOR TYPE	A/D 24x12b, A/D 2x12b
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
OPERATING SYSTEM	ARM® Cortex®-M7
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER PART NUMBER	STM32F769NIH6
EXPANDED DESCRIPTION	ARM® Cortex®-M7 STM32 F7 Microcontroller IC 32-Bit 216MHz 2MB (2M x 8) FLASH 216-TFBGA (13x13)
DESCRIPTION	IC MCU 32BIT 2MB FLASH 216TFBGA
DATA SRAM BYTES	-
DATA CONVERTERS	1.7 V ~ 3.6 V
CORE SIZE	512K x 8
CONTROLLER SERIES	Internal
CONNECTIVITY	32-Bit
CLOCK RATE	168

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