STMicroelectronics

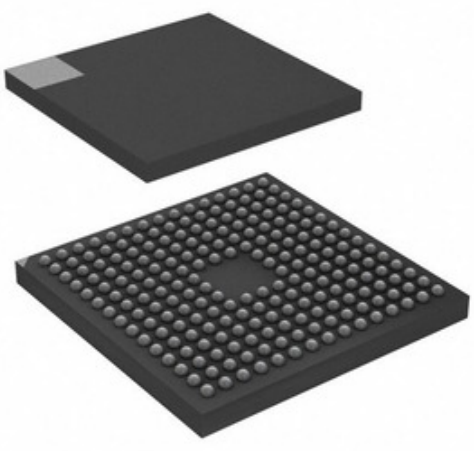

Image may be representation. See specifications for product details.

STM32F439NIH6

Part Number:	STM32F439NIH6
Manufacturer/Brand:	STMicroelectronics
Product description	IC MCU 32BIT 2MB FLASH 216TFBGA
Datasheets:	1.STM32F439NIH6.pdf 2.STM32F439NIH6.pdf 3.STM32F439NIH6.pdf
RoHs Status	Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of STM32F439NIH6

PART NUMBER	STM32F439NIH6
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC MCU 32BIT 2MB FLASH 216TFBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.STM32F439NIH6.pdf 2.STM32F439NIH6.pdf 3.STM32F439NIH6.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.8 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	216-TFBGA (13x13)
SPEED	180MHz
SERIES	STM32F4
RAM SIZE	256K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	2MB (2M x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, I²S, LCD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	216-TFBGA
OTHER NAMES	497-17470 STM32F439NIH6-ND
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®-M4 STM32F4 Microcontroller IC 32-Bit 180MHz 2MB (2M x 8) FLASH 216-TFBGA (13x13)
DATA CONVERTERS	A/D 24x12b, D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	CANbus, EBI/EMI, Ethernet, I²C, IrDA, LINbus, SPI, UART/USART, USB OTG
BASE PART NUMBER	STM32F439

Related Tags

STMicroelectronics STM32F439NIH6	STM32F439NIH6 Distributor	STM32F439NIH6 Supplier
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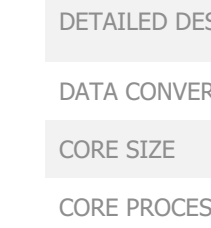
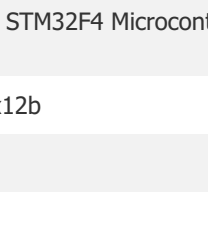
Related Products



STM32F439ZIT6
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 2MB FLASH 144LQFP
In stock: 293 pcs
RFQ



STM32F439NGH6
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 1MB FLASH 216TFBGA
In stock: Out stock
RFQ

STM32F439IIH6TR
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 2MB FLASH 176BGA
In stock: Out stock
RFQ

STM32F439VIT6
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 2MB FLASH 100LQFP
In stock: Out stock
RFQ

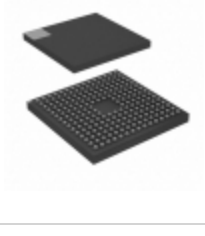
STM32F439IIH6
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 2MB FLASH 176BGA
In stock: Out stock
RFQ

STM32F439ZGY6TR
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 1MB FLASH 144LQFP
In stock: Out stock
RFQ

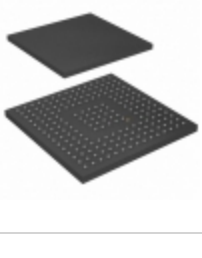
STM32F439IIT6V
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 2MB FLASH 176LQFP
In stock: Out stock
RFQ

STM32F439VGT6
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 1MB FLASH 100LQFP
In stock: 525 pcs
RFQ

STM32F439ZIY6TR
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 2MB FLASH 143WLCSP
In stock: Out stock
RFQ



STM32F439IIH7
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 2MB FLASH 176BGA
In stock: Out stock
RFQ



STM32F439IIT6
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 2MB FLASH 176LQFP
In stock: 30 pcs
RFQ

STM32F439ZGT6
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 1MB FLASH 144LQFP
In stock: 342 pcs
RFQ

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