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|  <p>Not Actual Photo YIC International Co., Limited.</p> | <p>Manufacturer Part Number: STM32F429NIH6J</p> |
| | <p>Manufacturer/Brand: STMicroelectronics</p> |
| | <p>Part of Description: TFBGA 13X13X1.2 216L</p> |
| | <p>Datasheets:  STM32F429NIH6J.pdf</p> |
| | <p>RoHs Status:</p> |
| | <p>Stock Condition: New original, 2545 pcs Stock Available.</p> |
| | <p>Ship From: Hong Kong</p> |
| | <p>Shipment Way: DHL/Fedex/TNT/UPS/EMS</p> |
| <p>Image may be representation. See specs for product details.</p> | |

| Specifications | |
|---------------------------------|---|
| YIC International Co., Limited. | |
| Part Number | STM32F429NIH6J |
| Manufacturer | STMicroelectronics |
| Description | TFBGA 13X13X1.2 216L |
| Category | Integrated Circuits (ICs) > Embedded - Microcontrollers |
| Part Status | 2545 pcs Stock |
| 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, I ² S, LCD, POR, PWM, |
| Packaging | Tray |
| Package / Case | 216-TFBGA |
| Oscillator Type | Internal |
| Operating Temperature | -40°C ~ 85°C (TA) |
| Number of I/O | 168 |
| Manufacturer Standard Lead Time | 14 Weeks |
| EEPROM Size | - |
| Detailed Description | ARM® Cortex®-M4 STM32F4 Microcontroller IC 32-Bit |
| Data Converters | A/D 24x12b, D/A 2x12b |
| Core Size | 32-Bit |
| Core Processor | ARM® Cortex®-M4 |
| Connectivity | CANbus, EBI/EMI, Ethernet, I ² C, IrDA, LINbus, SPI, |

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| <p>In:</p>  <p>STM32F429VET6TR STMicroelectronics LQFP 100 14X14X1.4</p> |  <p>STM32F429NIH6 32MCU ST ST BGA-216</p> |  <p>STM32F429NIH6E STMicroelectronics TFBGA 13X13X1.2 216L</p> |  <p>STM32F429NGH6 STMicroelectronics IC MCU 32BIT 1MB FLASH 216BGA</p> |
|  <p>STM32F429NIH6TR STMicroelectronics IC MCU 32BIT 2MB FLASH 216TFBGA</p> |  <p>STM32F429NIH6G STMicroelectronics TFBGA 13X13X1.2 216L</p> |  <p>STM32F429VET6 STMicroelectronics IC MCU 32BIT 512KB FLASH 100LQFP</p> |  <p>STM32F429NIH7 STMicroelectronics IC MCU 32BIT 2MB FLASH 216TFBGA</p> |

STM32F429NIH6J Related keyword

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