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|  | <h2 style="color: red;">STM32F429NEH6</h2> | |
| | Manufacturer Part Number: | STM32F429NEH6 |
| Manufacturer/Brand: | N/A | |
| Part of Description: | IC MCU 32BIT 512KB FLASH 216BGA | |
| RoHs Status: |  Lead free / RoHS | |
| Stock Condition: | Compliant New original, 5350 pcs Stock Available. | |
| Ship From: | Hong Kong | |
| Shipment Way: | DHL/Fedex/TNT/UPS/EMS | |
| Image may be representation. See specs for product details. | | |

Specifications

| | |
|----------------------------|---|
| Part Number | STM32F429NEH6 |
| Manufacturer | N/A |
| Description | IC MCU 32BIT 512KB FLASH 216BGA |
| Category | Integrated Circuits (ICs) > Embedded - Microcontrollers |
| Part Status | 5350 pcs Stock |
| Voltage - Supply (Vcc/Vdd) | 1.8 V ~ 3.6 V |
| Supplier Device Package | 216-TFBGA (13x13) |
| Speed | 180MHz |
| Series | STM32 F4 |
| RAM Size | 256K x 8 |
| Program Memory Type | FLASH |
| Program Memory Size | 512KB (512K 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 |
| EEPROM Size | - |
| Data Converters | A/D 24x12b, D/A 2x12b |
| Core Size | 32-Bit |
| Core Processor | ARM® Cortex®-M4 |
| Connectivity | CAN, EBI/EMI, I ² C, IrDA, LIN, SPI, UART/USART, USB |

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|  <p>STM32F429NGH6 N/A IC MCU 32BIT 1MB FLASH 216BGA</p> |  <p>STM32F429IIT6E N/A LQFP 176 24X24X1.4</p> |  <p>STM32F429NIH6E N/A TFBGA 13X13X1.2 216L</p> |  <p>STM32F429IIT6J N/A IC MCU 32BIT 2MB FLASH 176LQFP</p> |

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