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|  | <h2 style="color: #e67e22;">STM32F429ZIT6</h2> |
| | <p>Manufacturer Part Number: STM32F429ZIT6</p> <p>Manufacturer/Brand: N/A</p> <p>Part of Description: IC MCU 32BIT 2MB FLASH 144LQFP</p> <p>RoHs Status:  Lead free / RoHS</p> <p>Stock Condition: ^{Compliant} New original, 2236 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

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|----------------------------|---|
| Part Number | STM32F429ZIT6 |
| Manufacturer | N/A |
| Description | IC MCU 32BIT 2MB FLASH 144LQFP |
| Category | Integrated Circuits (ICs) > Embedded - Microcontrollers |
| Part Status | 2236 pcs Stock |
| Voltage - Supply (Vcc/Vdd) | 1.8 V ~ 3.6 V |
| Speed | 180MHz |
| Series | STM32 F4 |
| 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 | 144-LQFP |
| Oscillator Type | Internal |
| Operating Temperature | -40°C ~ 85°C (TA) |
| Number of I/O | 114 |
| EEPROM Size | - |
| Data Converters | A/D 24x12b, A/D 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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