

|                                                                                                                                                                                                                                    |                                                                                                                        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| <div><p>Not Actual Photo<br/>YIC International Co., Limited.</p></div> <div>Image may be representation.<br/>See specs for product details.</div> | <b>STM32F429ZET6</b>                                                                                                   |
|                                                                                                                                                                                                                                    | <b>Manufacturer Part Number:</b> STM32F429ZET6                                                                         |
|                                                                                                                                                                                                                                    | <b>Manufacturer/Brand:</b> N/A                                                                                         |
|                                                                                                                                                                                                                                    | <b>Part of Description:</b> IC MCU 32BIT 512KB FLASH 144LQFP                                                           |
|                                                                                                                                                                                                                                    | <b>RoHs Status:</b>  Lead free / RoHS |
|                                                                                                                                                                                                                                    | <b>Stock Condition:</b> <div>Compliant</div> New original, 5369 pcs Stock Available.                                   |
|                                                                                                                                                                                                                                    | <b>Ship From:</b> Hong Kong                                                                                            |
| <b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                         |                                                                                                                        |

Specifications

|                            |                                                         |
|----------------------------|---------------------------------------------------------|
| Part Number                | STM32F429ZET6                                           |
| Manufacturer               | N/A                                                     |
| Description                | IC MCU 32BIT 512KB FLASH 144LQFP                        |
| Category                   | Integrated Circuits (ICs) > Embedded - Microcontrollers |
| Part Status                | 5369 pcs Stock                                          |
| Voltage - Supply (Vcc/Vdd) | 1.8 V ~ 3.6 V                                           |
| Supplier Device Package    | 144-LQFP (20x20)                                        |
| 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, I²S, 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, D/A 2x12b                                   |
| Core Size                  | 32-Bit                                                  |
| Core Processor             | ARM® Cortex®-M4                                         |
| Connectivity               | CAN, EBI/EMI, I²C, IrDA, LIN, SPI, UART/USART, USB      |

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