



STMicroelectronics



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STM32F429ZIY6JTR

|                     |                                          |
|---------------------|------------------------------------------|
| Part Number:        | STM32F429ZIY6JTR                         |
| Manufacturer/Brand: | STMicroelectronics                       |
| Product description | WLCSP 143 BALLS DIE                      |
| Datasheets:         | <a href="#">PDF STM32F429ZIY6JTR.pdf</a> |
| Ship From           | Hong Kong                                |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                    |

REQUEST FOR QUOTATION

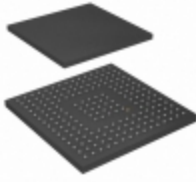
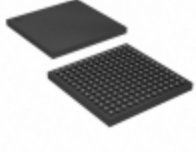
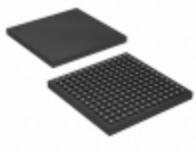
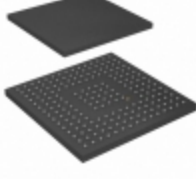
Specifications of STM32F429ZIY6JTR

|                                 |                                                                             |
|---------------------------------|-----------------------------------------------------------------------------|
| PART NUMBER                     | STM32F429ZIY6JTR                                                            |
| MANUFACTURER                    | STMicroelectronics                                                          |
| DESCRIPTION                     | WLCSP 143 BALLS DIE                                                         |
| LEAD FREE STATUS / ROHS STATUS  |                                                                             |
| DATA SHEET                      | <a href="#">PDF STM32F429ZIY6JTR.pdf</a>                                    |
| VOLTAGE - SUPPLY (VCC/VDD)      | 1.8 V ~ 3.6 V                                                               |
| 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                       | Tape & Reel (TR)                                                            |
| OSCILLATOR TYPE                 | Internal                                                                    |
| OPERATING TEMPERATURE           | -40°C ~ 85°C (TA)                                                           |
| NUMBER OF I/O                   | 114                                                                         |
| MANUFACTURER STANDARD LEAD TIME | 14 Weeks                                                                    |
| EEPROM SIZE                     | -                                                                           |
| DETAILED DESCRIPTION            | ARM® Cortex®-M4 STM32F4 Microcontroller IC 32-Bit 180MHz 2MB (2M x 8) FLASH |
| DATA CONVERTERS                 | A/D 24x12b, A/D 2x12b                                                       |
| CORE SIZE                       | 32-Bit                                                                      |
| CORE PROCESSOR                  | ARM® Cortex®-M4                                                             |
| CONNECTIVITY                    | CANbus, EBI/EMI, Ethernet, I²C, IrDA, LINbus, SPI, UART/USART, USB OTG      |

Related Tags

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Related Products

|                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                              |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>STM32F437IGH6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 1MB FLASH 176UFBGA<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>STM32F437IGT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 1MB FLASH 176LQFP<br/>In stock: 60 pcs<br/>RFQ</div>       |
|  <div><b>STM32F429ZIT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 2MB FLASH 144LQFP<br/>In stock: 92 pcs<br/>RFQ</div>     |  <div><b>STM32F429ZIT6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 2MB FLASH 144LQFP<br/>In stock: Out stock<br/>RFQ</div>  |
|  <div><b>STM32F437AIH6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 2MB FLASH 169BGA<br/>In stock: Out stock<br/>RFQ</div>   |  <div><b>STM32F429ZIT6E</b><br/>Manufacturers: STMicroelectronics<br/>Description: LQFP 144 20X20X1.4 2<br/>In stock: Out stock<br/>RFQ</div>             |
|  <div><b>STM32F437AIH6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 2MB FLASH 169BGA<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>STM32F429ZGY6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 1MB FLASH 144LQFP<br/>In stock: Out stock<br/>RFQ</div>  |
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|  <div><b>STM32F429ZGT6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: LQFP 144 20X20X1.4 2<br/>In stock: Out stock<br/>RFQ</div>          |  <div><b>STM32F429ZIY6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 2MB FLASH 143WLCSP<br/>In stock: Out stock<br/>RFQ</div> |

