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|---|--|-----------------|
|  | <b>STM32F091RCH6TR</b>   |                 |
|   | <b>Manufacturer Part Number:</b>   | STM32F091RCH6TR |
| <b>Manufacturer/Brand:</b>  | N/A  |                 |
| <b>Part of Description:</b>   | IC MCU 32BIT 256KB FLASH 64UFBGA   |                 |
| <b>RoHS Status:</b>   |  Lead free / RoHS |                 |
| <b>Stock Condition:</b>   | Compliant<br>New original, 2559 pcs Stock Available.   |                 |
| <b>Ship From:</b>   | Hong Kong  |                 |
| <b>Shipment Way:</b>  | DHL/Fedex/TNT/UPS/EMS  |                 |
| Image may be representation. See specs for product details.                       |  |                 |

**Specifications**

|                                  |   |
|----------------------------------|---|
| Part Number                      | STM32F091RCH6TR   |
| Manufacturer                     | N/A   |
| Description                      | IC MCU 32BIT 256KB FLASH 64UFBGA                        |
| Category                         | Integrated Circuits (ICs) > Embedded - Microcontrollers |
| Part Status                      | 2559 pcs Stock  |
| Voltage - Supply (Vcc/Vdd)       | 2 V ~ 3.6 V   |
| Speed                            | 48MHz   |
| Series                           | STM32F0   |
| RAM Size                         | 32K x 8   |
| Program Memory Type              | FLASH   |
| Program Memory Size              | 256KB (256K x 8)  |
| Peripherals                      | DMA, I <sup>2</sup> S, POR, PWM, WDT                    |
| Packaging                        | Tape & Reel (TR)  |
| Oscillator Type                  | Internal  |
| Operating Temperature            | -40°C ~ 85°C (TA)                                       |
| Number of I/O                    | 52  |
| Moisture Sensitivity Level (MSL) | 3 (168 Hours)   |
| Manufacturer Standard Lead Time  | 10 Weeks  |
| Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                              |
| EEPROM Size                      | -   |
| Detailed Description             | ARM® Cortex®-M0 STM32F0 Microcontroller IC 32-Bit       |
| Data Converters                  | A/D 19x12b, D/A 2x12b                                   |
| Core Size                        | 32-Bit  |
| Core Processor                   | ARM® Cortex®-M0   |
| Connectivity                     | CANbus, I <sup>2</sup> C, IrDA, LINbus, SPI, UART/USART |

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|  <p><b>STM32F091RCH7</b><br/>N/A<br/>IC MCU 32BIT 256KB FLASH 64UFBGA</p> |  <p><b>STM32F091CCU7TR</b><br/>N/A<br/>IC MCU 32BIT 256KB FLASH 48QFPN</p> |  <p><b>STM32F091RCT6 IC</b><br/>ST<br/>ST QFP</p>                        |  <p><b>STM32F091RCH6</b><br/>N/A<br/>IC MCU 32BIT 256KB FLASH 64BGA</p>  |
|  <p><b>STM32F091RCT6</b><br/>N/A<br/>IC MCU 32BIT 256KB FLASH 64LQFP</p>  |  <p><b>STM32F091RCT6 32MCU</b><br/>ST<br/>ST QFP64</p>                     |  <p><b>STM32F091RBT6</b><br/>N/A<br/>IC MCU 32BIT 128KB FLASH 64LQFP</p> |  <p><b>STM32F091CCU7</b><br/>N/A<br/>IC MCU 32BIT 256KB FLASH 48QFPN</p> |

**STM32F091RCH6TR** Related keyword More

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