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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div>Image may be representation.<br/>See specs for product details.</div> | <b>STM32L152RBH6</b>                                                                                                   |
|                                                                                                                                                                         | <b>Manufacturer Part Number:</b> <a href="#">STM32L152RBH6</a>                                                         |
|                                                                                                                                                                         | <b>Manufacturer/Brand:</b> N/A                                                                                         |
|                                                                                                                                                                         | <b>Part of Description:</b> IC MCU 32BIT 128KB FLASH 64BGA                                                             |
|                                                                                                                                                                         | <b>RoHs Status:</b>  Lead free / RoHS |
|                                                                                                                                                                         | <b>Stock Condition:</b> <div>Compliant</div> New original, 883 pcs Stock Available.                                    |
|                                                                                                                                                                         | <b>Ship From:</b> Hong Kong                                                                                            |
| <b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS                                                                                                                              |                                                                                                                        |

Specifications

|                            |                                                                                         |
|----------------------------|-----------------------------------------------------------------------------------------|
| Part Number                | <a href="#">STM32L152RBH6</a>                                                           |
| Manufacturer               | N/A                                                                                     |
| Description                | IC MCU 32BIT 128KB FLASH 64BGA                                                          |
| Category                   | <a href="#">Integrated Circuits (ICs)</a> > <a href="#">Embedded - Microcontrollers</a> |
| Part Status                | 883 pcs Stock                                                                           |
| Voltage - Supply (Vcc/Vdd) | 1.8 V ~ 3.6 V                                                                           |
| Supplier Device Package    | 64-BGA (5x5)                                                                            |
| Speed                      | 32MHz                                                                                   |
| Series                     | STM32 L1                                                                                |
| RAM Size                   | 16K x 8                                                                                 |
| Program Memory Type        | FLASH                                                                                   |
| Program Memory Size        | 128KB (128K x 8)                                                                        |
| Peripherals                | Brown-out Detect/Reset, DMA, I²S, LCD, POR, PWM,                                        |
| Packaging                  | Tray                                                                                    |
| Package / Case             | 64-TFBGA                                                                                |
| Oscillator Type            | Internal                                                                                |
| Operating Temperature      | -40°C ~ 85°C (TA)                                                                       |
| Number of I/O              | 51                                                                                      |
| EEPROM Size                | 4K x 8                                                                                  |
| Data Converters            | A/D 20x12b; D/A 2x12b                                                                   |
| Core Size                  | 32-Bit                                                                                  |
| Core Processor             | ARM® Cortex®-M3                                                                         |
| Connectivity               | I²C, IrDA, LIN, SPI, UART/USART, USB                                                    |

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| <div></div> <div><b>STM32L152R8H6</b><br/>N/A<br/>IC MCU 32BIT 64KB FLASH<br/>64BGA</div>   | <div></div> <div><b>STM32L152R8H6A</b><br/>N/A<br/>IC MCU 32BIT 64KB FLASH<br/>64TFBGA</div> | <div></div> <div><b>STM32L152RBT6A</b><br/>N/A<br/>IC MCU 32BIT 128KB FLASH<br/>64LQFP</div> | <div></div> <div><b>STM32L152R8T6A</b><br/>N/A<br/>IC MCU 32BIT 64KB FLASH<br/>64LQFP</div>  |

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Contact us:**Info@YIC-Electronics.com**

ADD:Unit A5-B5 No.509, 5/F Sing Win Factory Building, 15-17 Shing yip St, Kwun Tong, Kowloon, HongKong.

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