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|--|---|----------------------------------|-----------------|----------------------------|-----|-----------------------------|----------------------|---------------------|--|-------------------------|---|-------------------|-----------|----------------------|
| <br>Not Actual Photo<br>YIC International Co., Limited. | <b>STM32F745VEH6TR</b>  |                                  |                 |                            |     |                             |                      |                     |  |                         |   |                   |           |                      |
|  | <table border="0"> <tr> <td><b>Manufacturer Part Number:</b></td> <td>STM32F745VEH6TR</td> </tr> <tr> <td><b>Manufacturer/Brand:</b></td> <td>N/A</td> </tr> <tr> <td><b>Part of Description:</b></td> <td>TFBGA 8X8 100L F10X1</td> </tr> <tr> <td><b>RoHs Status:</b></td> <td></td> </tr> <tr> <td><b>Stock Condition:</b></td> <td>New original, 2686 pcs Stock Available.</td> </tr> <tr> <td><b>Ship From:</b></td> <td>Hong Kong</td> </tr> <tr> <td><b>Shipment Way:</b></td> <td>DHL/Fedex/TNT/UPS/EMS</td> </tr> </table> | <b>Manufacturer Part Number:</b> | STM32F745VEH6TR | <b>Manufacturer/Brand:</b> | N/A | <b>Part of Description:</b> | TFBGA 8X8 100L F10X1 | <b>RoHs Status:</b> |  | <b>Stock Condition:</b> | New original, 2686 pcs Stock Available. | <b>Ship From:</b> | Hong Kong | <b>Shipment Way:</b> |
| <b>Manufacturer Part Number:</b>   | STM32F745VEH6TR   |                                  |                 |                            |     |                             |                      |                     |  |                         |   |                   |           |                      |
| <b>Manufacturer/Brand:</b>   | N/A   |                                  |                 |                            |     |                             |                      |                     |  |                         |   |                   |           |                      |
| <b>Part of Description:</b>  | TFBGA 8X8 100L F10X1  |                                  |                 |                            |     |                             |                      |                     |  |                         |   |                   |           |                      |
| <b>RoHs Status:</b>  |   |                                  |                 |                            |     |                             |                      |                     |  |                         |   |                   |           |                      |
| <b>Stock Condition:</b>  | New original, 2686 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                     | STM32F745VEH6TR   |
| Manufacturer                    | N/A   |
| Description                     | TFBGA 8X8 100L F10X1  |
| Category                        | Integrated Circuits (ICs) > Embedded - Microcontrollers             |
| Part Status                     | 2686 pcs Stock  |
| Voltage - Supply (Vcc/Vdd)      | 1.7 V ~ 3.6 V   |
| Supplier Device Package         | 100-UFBGA (7x7)   |
| Speed                           | 216MHz  |
| Series                          | STM32F7   |
| RAM Size                        | 320K x 8  |
| Program Memory Type             | FLASH   |
| Program Memory Size             | 512KB (512K x 8)  |
| Peripherals                     | Brown-out Detect/Reset, DMA, I <sup>2</sup> S, POR, PWM, WDT        |
| Packaging                       | Tape & Reel (TR)  |
| Package / Case                  | 100-UFBGA   |
| Oscillator Type                 | Internal  |
| Operating Temperature           | -40°C ~ 85°C (TA)   |
| Number of I/O                   | 82  |
| Manufacturer Standard Lead Time | 14 Weeks  |
| EEPROM Size                     | -   |
| Detailed Description            | ARM® Cortex®-M7 STM32F7 Microcontroller IC 32-Bit                   |
| Data Converters                 | A/D 16x12b, D/A 2x12b   |
| Core Size                       | 32-Bit  |
| Core Processor                  | ARM® Cortex®-M7   |
| Connectivity                    | CANbus, EBI/EMI, Ethernet, I <sup>2</sup> C, IrDA, LINbus, SAI, SD, |

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In:

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| <b>STM32F745VEH6</b><br>N/A<br>IC MCU 32BIT 512KB FLASH<br>100BGA  | <b>STM32F745VGT6</b><br>N/A<br>IC MCU 32BIT 1MB FLASH<br>100LQFP   | <b>STM32F745ZET6</b><br>N/A<br>IC MCU 32BIT 512KB FLASH<br>144LQFP  | <b>STM32F745VET6</b><br>N/A<br>IC MCU 32BIT 512KB FLASH<br>100LQFP   |
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| <b>STM32F745VGH6</b><br>N/A<br>IC MCU 32BIT 1MB FLASH<br>100BGA  | <b>STM32F745ZGT6</b><br>N/A<br>IC MCU 32BIT 1MB FLASH<br>144LQFP   | <b>STM32F745IET6 IC</b><br>ST<br>ST LQFP176   | <b>STM32F745IGT6</b><br>N/A<br>IC MCU 32BIT 1MB FLASH<br>176LQFP   |

STM32F745VEH6TR Related keyword

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