





|   |  |                                  |                   |                            |     |                             |                                 |                     |  |                         |  |                   |           |                      |
|---|--|----------------------------------|-------------------|----------------------------|-----|-----------------------------|---------------------------------|---------------------|--|-------------------------|--|-------------------|-----------|----------------------|
|  <p>Not Actual Photo<br/>YIC International Co., Limited.</p> | <h2 style="color: #e67e22;">LM3S5K36-IQR80-C0</h2>   |                                  |                   |                            |     |                             |                                 |                     |  |                         |  |                   |           |                      |
|   | <table border="0"> <tr> <td><b>Manufacturer Part Number:</b></td> <td>LM3S5K36-IQR80-C0</td> </tr> <tr> <td><b>Manufacturer/Brand:</b></td> <td>N/A</td> </tr> <tr> <td><b>Part of Description:</b></td> <td>IC MCU 32BIT 128KB FLASH 64LQFP</td> </tr> <tr> <td><b>RoHs Status:</b></td> <td> Lead free / RoHS</td> </tr> <tr> <td><b>Stock Condition:</b></td> <td>Compliant<br/>New original, 2537 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> | LM3S5K36-IQR80-C0 | <b>Manufacturer/Brand:</b> | N/A | <b>Part of Description:</b> | IC MCU 32BIT 128KB FLASH 64LQFP | <b>RoHs Status:</b> |  Lead free / RoHS | <b>Stock Condition:</b> | Compliant<br>New original, 2537 pcs Stock Available. | <b>Ship From:</b> | Hong Kong | <b>Shipment Way:</b> |
| <b>Manufacturer Part Number:</b>  | LM3S5K36-IQR80-C0  |                                  |                   |                            |     |                             |                                 |                     |  |                         |  |                   |           |                      |
| <b>Manufacturer/Brand:</b>  | N/A  |                                  |                   |                            |     |                             |                                 |                     |  |                         |  |                   |           |                      |
| <b>Part of Description:</b>   | IC MCU 32BIT 128KB FLASH 64LQFP  |                                  |                   |                            |     |                             |                                 |                     |  |                         |  |                   |           |                      |
| <b>RoHs Status:</b>   |  Lead free / RoHS   |                                  |                   |                            |     |                             |                                 |                     |  |                         |  |                   |           |                      |
| <b>Stock Condition:</b>   | Compliant<br>New original, 2537 pcs Stock Available.   |                                  |                   |                            |     |                             |                                 |                     |  |                         |  |                   |           |                      |
| <b>Ship From:</b>   | Hong Kong  |                                  |                   |                            |     |                             |                                 |                     |  |                         |  |                   |           |                      |
| <b>Shipment Way:</b>  | DHL/Fedex/TNT/UPS/EMS  |                                  |                   |                            |     |                             |                                 |                     |  |                         |  |                   |           |                      |
| <p>Image may be representation.<br/>See specs for product details.</p>  |  |                                  |                   |                            |     |                             |                                 |                     |  |                         |  |                   |           |                      |

### Specifications

|                            |   |
|----------------------------|---|
| Part Number                | LM3S5K36-IQR80-C0   |
| Manufacturer               | N/A   |
| Description                | IC MCU 32BIT 128KB FLASH 64LQFP                             |
| Category                   | Integrated Circuits (ICs) > Embedded - Microcontrollers     |
| Part Status                | 2537 pcs Stock  |
| Voltage - Supply (Vcc/Vdd) | 1.08 V ~ 1.32 V   |
| Supplier Device Package    | 64-LQFP (10x10)   |
| Speed                      | 80MHz   |
| Series                     | Stellaris® ARM® Cortex®-M3S 5000                            |
| RAM Size                   | 24K x 8   |
| Program Memory Type        | FLASH   |
| Program Memory Size        | 128KB (128K x 8)  |
| Peripherals                | Brown-out Detect/Reset, DMA, POR, PWM, WDT                  |
| Packaging                  | Tray  |
| Package / Case             | 64-LQFP   |
| Oscillator Type            | Internal  |
| Operating Temperature      | -40°C ~ 85°C (TA)   |
| Number of I/O              | 33  |
| EEPROM Size                | -   |
| Data Converters            | A/D 8x10b   |
| Core Size                  | 32-Bit  |
| Core Processor             | ARM® Cortex®-M3   |
| Connectivity               | CAN, I <sup>2</sup> C, IrDA, LIN, Microwire, QEI, SPI, SSI, |

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| <p><b>In:</b></p>  <p><b>LM3S5K31-IQC80-C5T</b><br/>N/A<br/>IC MCU 32BIT 128KB FLASH<br/>100LQFP</p> |  <p><b>LM3S5K36-IQR80-C3</b><br/>N/A<br/>IC MCU 32BIT 128KB FLASH<br/>64LQFP</p>  |  <p><b>LM3S5K36-IQR80-C1</b><br/>N/A<br/>IC MCU 32BIT 128KB FLASH<br/>64LQFP</p>  |  <p><b>LM3S5K31-IQC80-C3</b><br/>N/A<br/>IC MCU 32BIT 128KB FLASH<br/>100LQFP</p> |
|  <p><b>LM3S5K31-IQC80-C3T</b><br/>N/A<br/>IC MCU 32BIT 128KB FLASH<br/>100LQFP</p>                   |  <p><b>LM3S5K36-IQR80-C0T</b><br/>N/A<br/>IC MCU 32BIT 128KB FLASH<br/>64LQFP</p> |  <p><b>LM3S5K31-IQC80-C5</b><br/>N/A<br/>IC MCU 32BIT 128KB FLASH<br/>100LQFP</p> |  <p><b>LM3S5K36-IQR80-C5</b><br/>N/A<br/>IC MCU 32BIT 128KB FLASH<br/>64LQFP</p>  |

### LM3S5K36-IQR80-C0 Related keyword

More

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