

LM3S5K31-IQC80-C3T



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Part Number: [LM3S5K31-IQC80-C3T](#)
Manufacturer: N/A
Description: IC MCU 32BIT 128KB FLASH 100LQFP
Data sheet:

RoHS Status: Lead free / RoHS Compliant
Ship From: Hong Kong
Shipment Way: DHL/Fedex/TNT/UPS/EMS

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PRODUCT PARAMETER

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|---|--|---------------------------------------|--|
| Part Number | LM3S5K31-IQC80-C3T | Manufacturer | N/A |
| Description | IC MCU 32BIT 128KB FLASH 100LQFP | Lead Free Status / RoHS Status | Lead free / RoHS Compliant |
| Quantity Available | 4336 pcs | Data sheet | |
| Category | Integrated Circuits (ICs) | Voltage - Supply (Vcc/Vdd) | 1.08 V ~ 1.32 V |
| Supplier Device Package | 100-LQFP (14x14) | 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 | Tape & Reel (TR) |
| Package / Case | 100-LQFP | Oscillator Type | Internal |
| Operating Temperature | -40°C ~ 85°C (TA) | Number of I/O | 67 |
| Moisture Sensitivity Level (MSL) | 3 (168 Hours) | Lead Free Status / RoHS Status | Lead free / RoHS Compliant |
| EEPROM Size | - | Detailed Description | ARM® Cortex®-M3 Stellaris® ARM® Cortex®-M3S 5000 Microcontroller IC 32-Bit 80MHz 128KB (128K x 8) FLASH 100-LQFP (14x14) |
| Data Converters | A/D 16x10b | Core Size | 32-Bit |
| Core Processor | ARM® Cortex®-M3 | Connectivity | CANbus, I²C, IrDA, LINbus, Microwire, QEI, SPI, SSI, UART/USART, USB |
| Base Part Number | LM3S5K31 | | |

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| | Part#: LM3S5K31-IQC80-C0 Description: IC MCU 32BIT 128KB FLASH 100LQFP | Manufacturers: N/A | RFQ |
| | Part#: LM3S5K36-IQR80-C0 Description: IC MCU 32BIT 128KB FLASH 64LQFP | Manufacturers: N/A | RFQ |
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| | Part#: LM3S5K31-IBZ80-C5T Description: IC MCU 32BIT 128KB FLASH 108BGA | Manufacturers: N/A | RFQ |
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| | Part#: LM3S5K31-IQC80-C5 Description: IC MCU 32BIT 128KB FLASH 100LQFP | Manufacturers: N/A | RFQ |
| | Part#: LM3S5K31-IBZ80-C5 Description: IC MCU 32BIT 128KB FLASH 108BGA | Manufacturers: N/A | RFQ |
| | Part#: LM3S5K31-IQC80-C0T Description: IC MCU 32BIT 128KB FLASH 100LQFP | Manufacturers: N/A | RFQ |
| | Part#: LM3S5K36-IQR80-C3T Description: IC MCU 32BIT 128KB FLASH 64LQFP | Manufacturers: N/A | RFQ |
| | Part#: LM3S5K31-IQC80-C5T Description: IC MCU 32BIT 128KB FLASH 100LQFP | Manufacturers: N/A | RFQ |

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