

## LM3S5G51-IQC80-A1



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**Part Number:** [LM3S5G51-IQC80-A1](#)  
**Manufacturer:** N/A  
**Description:** IC MCU 32BIT 384KB 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

<b>Part Number</b>	LM3S5G51-IQC80-A1	<b>Manufacturer</b>	N/A
<b>Description</b>	IC MCU 32BIT 384KB FLASH 100LQFP	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Quantity Available</b>	5182 pcs	<b>Data sheet</b>	
<b>Category</b>	<a href="#">Integrated Circuits (ICs)</a>	<b>Voltage - Supply (Vcc/Vdd)</b>	3 V ~ 3.6 V
<b>Supplier Device Package</b>	100-LQFP (14x14)	<b>Speed</b>	80MHz
<b>Series</b>	Stellaris® ARM® Cortex®-M3S 5000	<b>RAM Size</b>	64K x 8
<b>Program Memory Type</b>	FLASH	<b>Program Memory Size</b>	384KB (384K x 8)
<b>Peripherals</b>	Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT	<b>Packaging</b>	Tray
<b>Package / Case</b>	100-LQFP	<b>Oscillator Type</b>	Internal
<b>Operating Temperature</b>	-40°C ~ 85°C (TA)	<b>Number of I/O</b>	67
<b>Moisture Sensitivity Level (MSL)</b>	3 (168 Hours)	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>EEPROM Size</b>	-	<b>Detailed Description</b>	ARM® Cortex®-M3 Stellaris® ARM® Cortex®-M3S 5000 Microcontroller IC 32-Bit 80MHz 384KB (384K x 8) FLASH 100-LQFP (14x14)
<b>Data Converters</b>	A/D 16x12b	<b>Core Size</b>	32-Bit
<b>Core Processor</b>	ARM® Cortex®-M3	<b>Connectivity</b>	CANbus, I²C, IrDA, LINbus, Microwire, QEI, SPI, SSI, UART/USART, USB OTG
<b>Base Part Number</b>	LM3S5G51		

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	<b>Part#:</b> <a href="#">LM3S5G51-IBZ80-A2T</a> <b>Description:</b> IC MCU 32BIT 384KB FLASH 108BGA	<b>Manufacturers:</b> <a href="#">N/A</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">LM3S5G56-IQR80-A1T</a> <b>Description:</b> IC MCU 32BIT 384KB FLASH 64LQFP	<b>Manufacturers:</b> <a href="#">N/A</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">LM3S5G36-IQR80-A2T</a> <b>Description:</b> IC MCU 32BIT 384KB FLASH 64LQFP	<b>Manufacturers:</b> <a href="#">N/A</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">LM3S5G36-IQR80-A2</a> <b>Description:</b> IC MCU 32BIT 384KB FLASH 64LQFP	<b>Manufacturers:</b> <a href="#">N/A</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">LM3S5K31-IBZ80-C3</a> <b>Description:</b> IC MCU 32BIT 128KB FLASH 108BGA	<b>Manufacturers:</b> <a href="#">N/A</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">LM3S5G51-IBZ80-A1</a> <b>Description:</b> IC MCU 32BIT 384KB FLASH 108BGA	<b>Manufacturers:</b> <a href="#">N/A</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">LM3S5G56-IQR80-A2</a> <b>Description:</b> IC MCU 32BIT 384KB FLASH 64LQFP	<b>Manufacturers:</b> <a href="#">N/A</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">LM3S5G51-IBZ80-A1T</a> <b>Description:</b> IC MCU 32BIT 384KB FLASH 108BGA	<b>Manufacturers:</b> <a href="#">N/A</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">LM3S5G51-IQC80-A2T</a> <b>Description:</b> IC MCU 32BIT 384KB FLASH 100LQFP	<b>Manufacturers:</b> <a href="#">N/A</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">LM3S5G31-IQC80-A2T</a> <b>Description:</b> IC MCU 32BIT 384KB FLASH 100LQFP	<b>Manufacturers:</b> <a href="#">N/A</a>	<a href="#">RFQ</a>
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	<b>Part#:</b> <a href="#">LM3S5G56-IQR80-A2T</a> <b>Description:</b> IC MCU 32BIT 384KB FLASH 64LQFP	<b>Manufacturers:</b> <a href="#">N/A</a>	<a href="#">RFQ</a>
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