

LM3S5R31-IBZ80-C3T



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Part Number: [LM3S5R31-IBZ80-C3T](#)

Manufacturer: [N/A](#)

Description: [IC MCU 32BIT 256KB FLASH 108BGA](#)

Data sheet:

RoHs Status: [Lead free / RoHS Compliant](#)

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PRODUCT PARAMETER			
Part Number	LM3S5R31-IBZ80-C3T	Manufacturer	N/A
Description	IC MCU 32BIT 256KB FLASH 108BGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5170 pcs	Data sheet	
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.08 V ~ 1.32 V
Supplier Device Package	108-BGA (10x10)	Speed	80MHz
Series	Stellaris® ARM® Cortex®-M3S 5000	RAM Size	48K x 8
Program Memory Type	FLASH	Program Memory Size	256KB (256K x 8)
Peripherals	Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT	Packaging	Tape & Reel (TR)
Package / Case	108-LFBGA	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 256KB (256K x 8) FLASH 108-BGA (10x10)
Data Converters	A/D 16x10b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M3	Connectivity	CANbus, EBI/EMI, I²C, IrDA, LINbus, Microwire, QEI, SPI, SSI, UART/USART, USB
Base Part Number	LM3S5R31		
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	Part#: LM3S5R31-IQC80-C0 Description: IC MCU 32BIT 256KB FLASH 100LQFP	Manufacturers: N/A	RFQ
	Part#: LM3S5R36-IQR80-C0 Description: IC MCU 32BIT 256KB FLASH 64LQFP	Manufacturers: N/A	RFQ
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	Part#: LM3S5R31-IQC80-C5 Description: IC MCU 32BIT 256KB FLASH 100LQFP	Manufacturers: N/A	RFQ
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	Part#: LM3S5R31-IBZ80-C3 Description: IC MCU 32BIT 256KB FLASH 108BGA	Manufacturers: N/A	RFQ
	Part#: LM3S5P56-IQR80-C3 Description: IC MCU 32BIT 64KB FLASH 64LQFP	Manufacturers: N/A	RFQ
	Part#: LM3S5P56-IQR80-C3T Description: IC MCU 32BIT 64KB FLASH 64LQFP	Manufacturers: N/A	RFQ
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