

LM3S1H16-IQR50-A1



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Part Number: [LM3S1H16-IQR50-A1](#)

Manufacturer: [N/A](#)

Description: [IC MCU 32BIT 512KB FLASH 64LQFP](#)

Data sheet:

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

Ship From: [Hong Kong](#)

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PRODUCT PARAMETER			
Part Number	LM3S1H16-IQR50-A1	Manufacturer	N/A
Description	IC MCU 32BIT 512KB FLASH 64LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5753 pcs	Data sheet	
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.235 V ~ 1.365 V
Supplier Device Package	64-LQFP (10x10)	Speed	50MHz
Series	Stellaris® ARM® Cortex®-M3S 1000	RAM Size	48K x 8
Program Memory Type	FLASH	Program Memory Size	512KB (512K 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
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 1000 Microcontroller IC 32-Bit 50MHz 512KB (512K x 8) FLASH 64-LQFP (10x10)
Data Converters	A/D 8x12b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M3	Connectivity	I²C, IrDA, LINbus, Microwire, SPI, SSI, UART/USART
Base Part Number	LM3S1H16		
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	Part#: LM3S1J11-IBZ50-C5 Description: IC MCU 32BIT 128KB FLASH 108BGA	Manufacturers: N/A	RFQ
	Part#: LM3S1H11-IBZ80-A2 Description: IC MCU 32BIT 512KB FLASH 108BGA	Manufacturers: N/A	RFQ
	Part#: LM3S1H16-IQR50-A1T Description: IC MCU 32BIT 512KB FLASH 64LQFP	Manufacturers: N/A	RFQ
	Part#: LM3S1H11-IBZ50-A1 Description: IC MCU 32BIT 512KB FLASH 108BGA	Manufacturers: N/A	RFQ
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	Part#: LM3S1J11-IBZ50-C1T Description: IC MCU 32BIT 128KB FLASH 108BGA	Manufacturers: N/A	RFQ
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