

## LM3S1937-EQC50-A2T



N/A  
IC MCU 32BIT 256KB FLASH 100LQFP  
Lead free / RoHS Compliant  
Integrated Circuits (ICs)

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### Specifications

<b>Voltage - Supply (Vcc/Vdd):</b>	2.25 V ~ 2.75 V
<b>Supplier Device Package:</b>	100-LQFP (14x14)
<b>Speed:</b>	50MHz
<b>Series:</b>	Stellaris® ARM® Cortex®-M3S 1000
<b>RAM Size:</b>	64K x 8
<b>Program Memory Type:</b>	FLASH
<b>Program Memory Size:</b>	256KB (256K x 8)
<b>Peripherals:</b>	Brown-out Detect/Reset, POR, PWM, WDT
<b>Packaging:</b>	Tape & Reel (TR)
<b>Package / Case:</b>	100-LQFP
<b>Oscillator Type:</b>	Internal
<b>Operating Temperature:</b>	-40°C ~ 105°C (TA)
<b>Number of I/O:</b>	56
<b>EEPROM Size:</b>	-
<b>Data Converters:</b>	A/D 4x10b
<b>Core Size:</b>	32-Bit
<b>Core Processor:</b>	ARM® Cortex®-M3
<b>Connectivity:</b>	I <sup>2</sup> C, IrDA, Microwire, SPI, SSI, UART/USART

### Related products



**LM3S1918-IBZ50-A2**  
IC MCU 32BIT 256KB FLASH 108BGA  
N/A

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**LM3S1918-IBZ50-A2T**  
IC MCU 32BIT 256KB FLASH 108BGA  
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**LM3S1918-IQC50-A2**  
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**LM3S1937-IQC50-A2T**  
IC MCU 32BIT 256KB FLASH 100LQFP  
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**LM3S1937-IBZ50-A2**  
IC MCU 32BIT 256KB FLASH 108BGA  
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**LM3S1937-IBZ50-A2T**  
IC MCU 32BIT 256KB FLASH 108BGA  
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**LM3S1937-IQC50-A2**  
IC MCU 32BIT 256KB FLASH 100LQFP  
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**LM3S1918-IQC50-A2T**  
IC MCU 32BIT 256KB FLASH 100LQFP  
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**LM3S1937-EQC50-A2**  
IC MCU 32BIT 256KB FLASH 100LQFP  
N/A

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**LM3S1958-EQC50-A2**  
IC MCU 32BIT 256KB FLASH 100LQFP  
N/A

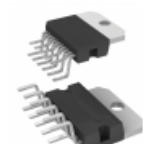
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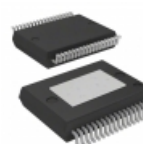
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**VND5E025AYTR-E**  
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**MAX6328XR28+T**  
IC MPU/RESET CIRC 2.80V SC70-3  
Maxim Integrated

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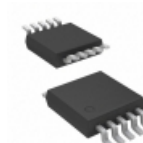
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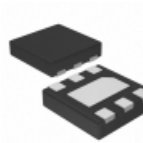
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