

## LM3S9DN5-IQC80-A2



N/A  
IC MCU 32BIT 512KB FLASH 100LQFP  
Lead free / RoHS Compliant  
Integrated Circuits (ICs)

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### Specifications

<b>Voltage - Supply (Vcc/Vdd):</b>	1.235 V ~ 1.365 V
<b>Supplier Device Package:</b>	100-LQFP (14x14)
<b>Speed:</b>	80MHz
<b>Series:</b>	Stellaris® ARM® Cortex®-M3S 9000
<b>RAM Size:</b>	96K x 8
<b>Program Memory Type:</b>	FLASH
<b>Program Memory Size:</b>	512KB (512K x 8)
<b>Peripherals:</b>	Brown-out Detect/Reset, DMA, I <sup>2</sup> S, 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>	72
<b>EEPROM Size:</b>	-
<b>Data Converters:</b>	A/D 16x12b
<b>Core Size:</b>	32-Bit
<b>Core Processor:</b>	ARM® Cortex®-M3
<b>Connectivity:</b>	CAN, EBI/EMI, Ethernet, I <sup>2</sup> C, IrDA, LIN, Microwire, QEI, SPI, SSI, UART/USART, USB OTG

### Related products



**LM3S9DN5-IQC80-A1T**  
IC MCU 32BIT 512KB FLASH 100LQFP  
N/A

RFQ



**LM3S9DN5-IQC80-A2T**  
IC MCU 32BIT 512KB FLASH 100LQFP  
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**LM3S9DN5-IBZ80-A2**  
IC MCU 32BIT 512KB FLASH 108BGA  
N/A

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**LM3S9DN5-IBZ80-A1T**  
IC MCU 32BIT 512KB FLASH 108BGA  
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**LM3S9DN6-IBZ80-A1**  
IC MCU 32BIT 512KB FLASH 108BGA  
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**LM3S9DN5-IQC80-A1**  
IC MCU 32BIT 512KB FLASH 100LQFP  
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**LM3S9DN6-IBZ80-A2T**  
IC MCU 32BIT 512KB FLASH 108BGA  
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**LM3S9DN5-IBZ80-A2T**  
IC MCU 32BIT 512KB FLASH 108BGA  
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**LM3S9DN6-IBZ80-A2**  
IC MCU 32BIT 512KB FLASH 108BGA  
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IC MCU 32BIT 512KB FLASH 108BGA  
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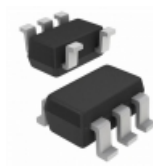
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**BU4909FVE-TR**  
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IC VREF SHUNT 2.5V 8SOIC  
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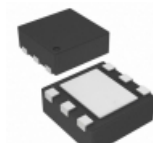
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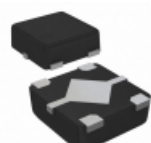
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**S-13R1E31-A4T2U3**  
IC REG LINEAR 3.1V 0.15A HSNT-4  
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