

## STM32L151VBT6TR



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IC MCU 32BIT 128KB FLASH 100LQFP

Lead free / RoHS Compliant

Integrated Circuits (ICs)

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### Specifications

<b>Voltage - Supply (Vcc/Vdd):</b>	1.8 V ~ 3.6 V
<b>Supplier Device Package:</b>	100-LQFP (14x14)
<b>Speed:</b>	32MHz
<b>Series:</b>	STM32 L1
<b>RAM Size:</b>	16K x 8
<b>Program Memory Type:</b>	FLASH
<b>Program Memory Size:</b>	128KB (128K x 8)
<b>Peripherals:</b>	Brown-out Detect/Reset, DMA, I <sup>2</sup> S, 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 ~ 85°C (TA)
<b>Number of I/O:</b>	83
<b>EEPROM Size:</b>	4K x 8
<b>Data Converters:</b>	A/D 24x12b, D/A 2x12b
<b>Core Size:</b>	32-Bit
<b>Core Processor:</b>	ARM® Cortex®-M3
<b>Connectivity:</b>	I <sup>2</sup> C, IrDA, LIN, SPI, UART/USART, USB

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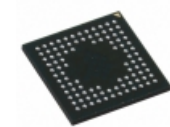


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**STM32L151VCT6A**

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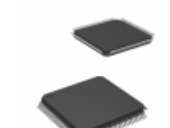


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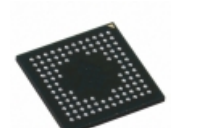


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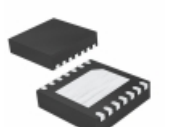
**STM32L151VBH6A**

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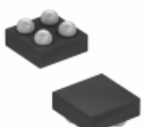


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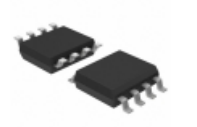


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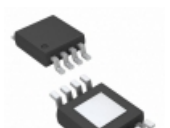


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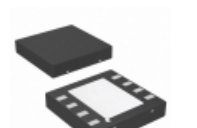


**MIC4684-3.3BM TR**

IC REG BUCK 3.3V 2A 8SOIC

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**LP2987AILD5.0/NOPB**

IC REG LDO 5V 0.2A 8WSON

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