

## STM32F102C8T6



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IC MCU 32BIT 64KB FLASH 48LQFP

Lead free / RoHS Compliant

Integrated Circuits (ICs)

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## Specifications

<b>Voltage - Supply (Vcc/Vdd):</b>	2 V ~ 3.6 V
<b>Speed:</b>	48MHz
<b>Series:</b>	STM32 F1
<b>RAM Size:</b>	10K x 8
<b>Program Memory Type:</b>	FLASH
<b>Program Memory Size:</b>	64KB (64K x 8)
<b>Peripherals:</b>	DMA, PDR, POR, PVD, PWM, Temp Sensor, WDT
<b>Packaging:</b>	Tray
<b>Package / Case:</b>	48-LQFP
<b>Oscillator Type:</b>	Internal
<b>Operating Temperature:</b>	-40°C ~ 85°C (TA)
<b>Number of I/O:</b>	37
<b>EEPROM Size:</b>	-
<b>Data Converters:</b>	A/D 10x12b
<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

## Related products



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**STM32F102C4T6A**

IC MCU 32BIT 16KB FLASH 48LQFP

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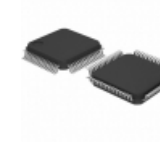


**STM32F102C4T6ATR**

IC MCU 32BIT 16KB FLASH 48LQFP

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**STM32F102R6T6A**

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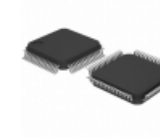


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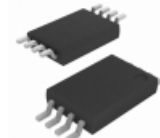


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