

## STM32F205VGT6V



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IC MCU 32BIT 1MB FLASH 100LQFP

Lead free / RoHS Compliant

Integrated Circuits (ICs)

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Minimum:1

Multiples:100

Manufacturer lead time 10 weeks

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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>	120MHz
<b>Series:</b>	STM32 F2
<b>RAM Size:</b>	132K x 8
<b>Program Memory Type:</b>	FLASH
<b>Program Memory Size:</b>	1MB (1M x 8)
<b>Peripherals:</b>	Brown-out Detect/Reset, DMA, I <sup>2</sup> S, LCD, 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>	82
<b>EEPROM Size:</b>	-
<b>Data Converters:</b>	A/D 16x12b; D/A 2x12b
<b>Core Size:</b>	32-Bit
<b>Core Processor:</b>	ARM® Cortex®-M3
<b>Connectivity:</b>	CAN, I <sup>2</sup> C, IrDA, LIN, MMC, SPI, UART/USART, USB OTG

### Related products



**STM32F205VFT6TR**

IC MCU 32BIT 768KB FLASH 100LQFP

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**STM32F205VGT6**

IC MCU 32BIT 1MB FLASH 100LQFP

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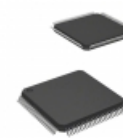


**STM32F205VGT6W**

IC MCU 32BIT 1MB FLASH 100LQFP

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**STM32F205VGT7**

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**STM32F205VGT7TR**

IC MCU 32BIT 1MB FLASH 100LQFP

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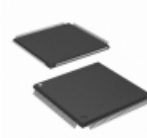


**STM32F205VGT6J**

IC MCU 32BIT 1MB FLASH 100LQFP

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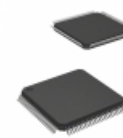


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IC MCU 32BIT 256KB FLASH 144LQFP

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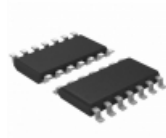


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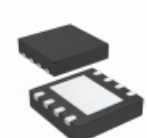


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