

**STM32F412RGY6TR**

 STM  
Semiconductor

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## Specifications

<b>Voltage - Supply (Vcc/Vdd):</b>	1.7 V ~ 3.6 V
<b>Speed:</b>	100MHz
<b>Series:</b>	STM32F4
<b>RAM Size:</b>	256K 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>	Tape & Reel (TR)
<b>Oscillator Type:</b>	Internal
<b>Operating Temperature:</b>	-40°C ~ 85°C (TA)
<b>Number of I/O:</b>	50
<b>EEPROM Size:</b>	-
<b>Data Converters:</b>	A/D 16x12b
<b>Core Size:</b>	32-Bit
<b>Core Processor:</b>	ARM® Cortex®-M4
<b>Connectivity:</b>	CANbus, I <sup>2</sup> C, IrDA, LINbus, MMC/SD/SDIO, QSPI, SPI, UART/USART, USB, USB OTG

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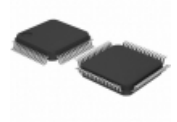
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