

STMicroelectronics:

STM32 Value-Line 32 bits 35

19.07.2013 STM32F030 Value Line

ARM © Cortex™- M0 – 32-

STM32 F0 Value line



Value Line

32-bit microcontrollers,

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STMicroelectronics.
ARM

STM32 Value Line. "

STM32F030

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32-

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8-

STM32F030 Value Line
STM32F030

ARM © Cortex™-M0,
16KByte Flash 4Kbyte RAM 20
64KByte Flash, 8Kbyte
1M sample/s

48

32, 48

64

1,2



STM32F0:

- ARM 32- Cortex-M0 CPU;
- - 48 ;
- 64 Flash , 8 SRAM ;
- DMA- 5 ;
- 12- 16 , - 1 ;
- 12- ;
- (16 32);
- : I2C, USART (ISO 7816, LIN, IrDA), SPI, I2S, HDMI;
- ;

- CRC, 96- ID;
- (RTC);
- : 250 A/ , 5 «STOP», 2 «STANDBY»
RTC;
- : -40...105°C;
- UFQFN32, LQFP32, LQFP48, LQFP64.

ST

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STM32F030 Value Line.

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