

Additional features of the PIC16F193X family include:

- Flash program memory up to 14 KB
- Data RAM up to 512 Bytes
- 256 Bytes Data EEPROM
- LCD drive (up to 96 segments)
- nanoWatt XLP technology on the "LF" versions, resulting in sleep currents of 90 nA, Watchdog Timer (WDT) current of 500 nA, and low-power 32 kHz Timer1 oscillator current of 600 nA, all at 1.8V
- mTouch Sensing Solutions peripheral for capacitive touch sensing (16 channels, with support for up to 64 buttons)
- 32 MHz internal oscillator
- Up to 5 Enhanced Capture Compare PWM peripherals with independent time base
- Reduced Interrupt latency
- 16-level hardware stack, with overflow/underflow interrupt
- Low-power 1.8 to 5.5V operation, including full analog peripheral operation
- Master SPI/I2C™ and EUSART support for RS-232/RS-485, as well as LIN support
- Up to 14 channels of 10-bit Analog-to-Digital Conversion (ADC)
- Two rail-to-rail input comparators with 555 Timer operation
- 4x8-bit and 1x16-bit timers, with extreme low power Real-Time Clock (RTC) support
- Robust and reliable operational monitors, such as Power-On Reset (POR), Brown-out Reset (BOR) and low-power Watchdog Timer (WDT)