

PIC Configuration Bits

Configuration bits are a collection of specialized bits that can only be modified at program time. Configuration bits are read during reset and enable or disable hardware features in the microcontroller. The features controlled by the configuration bits include, but are not limited to, the clock source, the Watchdog Timer (WDT), the Brown-Out Detector (BOD), and the Memory Read protection. Configuration bits are not executable code. Essentially, they are fuses located in the program memory space.

Wreg in embedded system?

With an 8-bit data type, any data larger than 8 bits must be broken into 8-bit chunks before it is processed. The 8-bit WREG register is the most widely used register in the PIC micro controller. WREG stands for working register, as there is only one.