

8.0 INTERRUPTS

The interrupt feature allows certain events to preempt normal program flow. Firmware is used to determine the source of the interrupt and act accordingly. Some interrupts can be configured to wake the MCU from Sleep mode.

This chapter contains the following information for Interrupts:

- Operation
- Interrupt Latency
- Interrupts During Sleep
- INT Pin
- Automatic Context Saving

Many peripherals produce Interrupts. Refer to the corresponding chapters for details.

A block diagram of the interrupt logic is shown in Figure 8-1.

FIGURE 8-1: INTERRUPT LOGIC

