

1.0 DEVICE OVERVIEW

This document contains device specific information. Additional information may be found in the PICmicro™ Mid-Range MCU Family Reference Manual (DS33023), which may be obtained from your local Microchip Sales Representative or downloaded from the Microchip web site. The Reference Manual should be considered a complementary document to this data sheet, and is highly recommended reading for a better understanding of the device architecture and operation of the peripheral modules.

There are two devices (PIC16F870 and PIC16F871) covered by this data sheet. The PIC16F870 device comes in a 28-pin package and the PIC16F871 device comes in a 40-pin package. The 28-pin device does not have a Parallel Slave Port implemented.

The following two figures are device block diagrams sorted by pin number: 28-pin for Figure 1-1 and 40-pin for Figure 1-2. The 28-pin and 40-pin pinouts are listed in Table 1-1 and Table 1-2, respectively.

FIGURE 1-1: PIC16F870 BLOCK DIAGRAM

