

# SMARTCARD1 (PIC-16F877+24LC64)

## GENERAL DESCRIPTION

The main characteristics of this card are a faster and more powerful processor (16f877) than on the PIC cards. In addition, it also has a larger eeprom (24c64 instead of 24c16).

### PIC16F877

Program Area: 14336 bytes, 8192x14 words

Data Ram: 368 bytes

Data EEPROM: 256 bytes

Max Freq: 20 Mhz

A/D Converters (10-bits): 8

I/O Ports: 33

In-Circuit Serial Programming (ICSP) via 2 pins

Power-on Reset (POR)

Power-up Timer (PWRT) & Oscillator Start-up Timer (OST)

Brown-out Reset (BOR)

Watchdog Timer (WDT)

Two 8-bit Timers, and One 16-bit Timer.

Oscillator Start-up Timer (OST)

Programmable Code Protection.

Power saving SLEEP mode.

Selectable Oscillator options.

### 24LC64

8192 bytes storage, I2C bus.

