Interfacing the Polaroid 6500 Sonar Board to a Basic Stamp II



Optional Modifications:

Solder the pullup resistor directly to the Polaroid board to reduce the components on the Stamp carrier board.
Use a 4-line stranded cable which allows better flexibility than the included Paralex Corp. 9-line cable.
You may omit the capacitor on the 6500 board if the Stamp will use a separate power source. The capacitor smooths out the voltage drop which occurs when the 6500 board fires. Without it, the Stamp senses a brownout, and resets itself. Assure that the power supply you use can handle the 2 amp firing current of the 6500. A 4.8 volt Ni-Cad battery pack works well.

