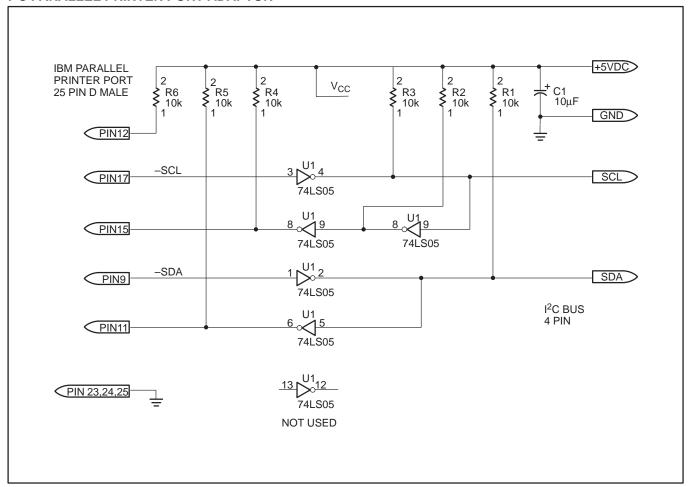# I^{2}C parallel printer port adaptor

The schematic below shows how Philips I^{2}C software programs are able to communicate through any IBM-compatible PC parallel printer port using I^{2}C serial protocol. The software toggles the SDA and SCL lines in a manner compatible with all I^{2}C integrated circuits and I^{2}C evaluation boards such as DTV7191 and DTV9051. Some variations of the four-wire I^{2}C bus pinning have changed the order of the clock, data power and ground. Check the pinning required for each evaluation board connected using this type of interface. Power for the interface board must come from the application, not the PC printer port.

I^{2}C PARALLEL PRINTER PORT ADAPTOR