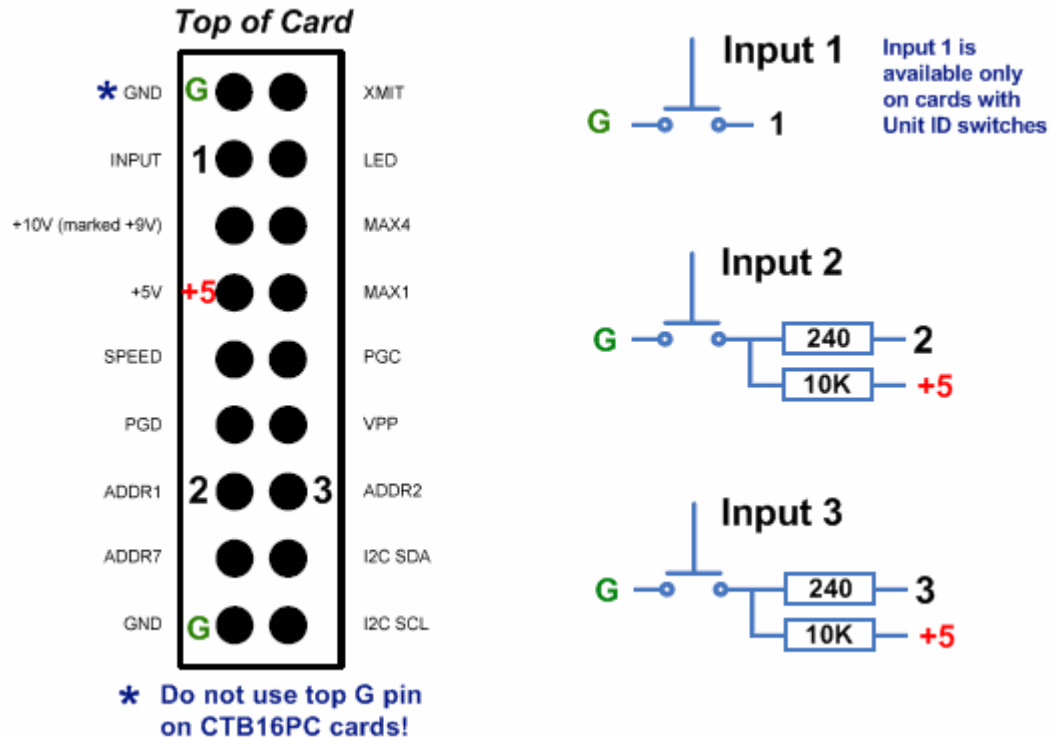


Input connections for CTB16(D, K, PC) cards with 18 pin headers



Use Normally Open (NO) switches for inputs. All Input pins must have a 10K pull-up resistor to bring them to +5 volts. Input pin 1 has a built in pull-up so an external pull-up is not required. Input pins 2 and 3 require an external 10K pull-up resistor and a 240 ohm inline resistor. Input pins 2 and 3 are shared with the Unit ID selection thus requiring the 240 ohm inline resistors to allow correct operation of the unit ID switches.

The top G pin is not connected on the CTB16PC card; you must use the bottom G pin for ground connections.

With cards without Unit ID switches you cannot use Input 1. The Input 1 pin is used for the reset jumper and is not available for input.

A header that contains all of this circuitry for 3 inputs is available from Light O Rama. An 8 input header will be available next year for the CTB16 controllers.