



Connect to port 0 or port 2
(set port to bi-directional mode)

Pins 1 - 4 are rows.

Pins 5 - 8 are columns

- 1) Set the port pin that is driving the first column low.
- 2) Set all other port pins high.
- 3) Check the row pins, any low signals indicate a button is pressed.
- 4) Use the column and the row that are low to determine which button is pressed.
Example: Pin 5 (column 1) is low and Pin 2 (row 2) is low; Button 4 is pressed.
- 5) Set the port pin driving the first column high.
- 6) Repeat steps 1 through 5 for each of the columns.

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| TITLE: keypad_4x4 | |
| Document Number: | REV: A |
| Date: 4/10/2007 11:44:44a | Sheet: 1/1 |