INPUT CONNECTOR PIN (HEADER SIDE/ bottom side, follow IDE numbering pin1 i

| PIN | COMPONENT | COMPONENT PIN | LED | |
|---|---|---|---|---|
| 1 | 5V | | | |
| 2 | 5V | | | |
| 3 | 5V | | | |
| 4 | 5V | | | |
| 5 | 5V | | | |
| 6 | 5V | | | |
| 7 | 5V | | | |
| 8 | 5V | | | |
| 9 | | | | |
| 10 | | | | |
| 11 | 74HC373(U4) | 18(D7) | pin11(C3) | |
| 12 | 74HC373(U4) | 17(D6) | pin10(C4) | |
| 13 | 74HC373(U4) | 14(D5) | pin6(C5) | |
| 14 | 74HC373(U4) | 13(D4) | pin13(C1) | |
| 15 | 74HC373(U4) | 8(D3) | pin3(C2) | |
| 16 | 74HC373(U4) | 7(D2) | pin11(C3) | |
| 17 | 74HC373(U4) | 4(D1) | pin10(C4) | |
| 18 | 74HC373(U4) | 3(D0) | pin6(C5) | |
| 19 | 74HC245(U22) | 12(B7) | | |
| 20 | | | | |
| 21 | 74HC237(U15) | 2(A1) | | 2nd o |
| 22 | | | | |
| 23 | 74HC245(U22) | 16(B3) | | |
| 24 | 74HC245(U22) | 15(B4) | | |
| 25 | 74HC237(U15) | 3(A3) | | 3rd pin |
| 26 | 74HC237(U15) | 1(A0) | | 1st o |
| 27 | GND | | | |
| 28 | GND | | | |
| 29 | GND | | | |
| 30 | GND | | | |
| 31 | GND | | | |
| 32 | GND | | | |
| 33 | GND | | | |
| 34 | GND | | | |

s 5V)

ROLE

D7->Q7->LED_PIN11(J9)
D6->Q6->LED_PIN10(J9)
D5->Q5->LED_PIN6(J3)
D4->Q4->LED_PIN_13(J2)
D3->Q3->LED_PIN3(J1)
D2->Q2->LED_PIN_11(J2)
D1->Q1->LED_PIN_10(J2)
D0->Q0->LED_PIN_6(J1)
goes to GAL

f 3 pins used to select row to be lit up (scanned)


of 3 pins used to select row to be lit up (scanned)
f 3 pins used to select row to be lit up (scanned)