

Pin	Description	Connection
1	MCLR/Vpp	Reset button
2	RA0/AN0	Dip Sw 1 – pull down to 0
3	RA1/AN1	Dip Sw 2 – pull down to 0
4	RA2/AN2	Dip Sw 3 – pull down to 0
5	RA3/AN3	Dip Sw 4 – pull down to 0
6	RA4/AN4	NC
7	RA5/AN5	NC
8	RE0	NC
9	RE1	NC
10	RE2	NC
11	VDD	Supply
12	VSS	Ground
13	OSC1/CLKIN	Crystal
14	OSC2/CLOUT	Crystal
15	RC0	ULN2004AN Pin B5 – C5 to colon
16	RC1	ULN2004AN Pin B6 – C6 to pin 5 on 4511 for LED 4
17	RC2	ULN2004AN Pin B7 – ?
18	RC3	NC
19	RD0	NC
20	RD1	NC
21	RD2	NC
22	RD3	NC
23	RC4	NC
24	RC5	NC
25	RC6	Link block 1 – unpopulated Tx
26	RC7	Link block 2 - Max3082 pin 4 Rx
27	RD4	
28	RD5	Pin 5 of LED 3 4511
29	RD6	Pin 5 of LED 2 4511
30	RD7	Pin 5 of LED 1 4511
31	VSS	Ground
32	VDD	Supply
33	RB0	Pin 7 HEF4511BCP- A - 1
34	RB1	Pin 1 HEF4511BCP- B - 2
35	RB2	Pin 2 HEF4511BCP - C - 4
36	RB3	Pin 6 HEF4511BCP – D - 8
37	RB4	ULN2004AN Pin B1 – C1 - LED 1
38	RB5	ULN2004AN Pin B2 – C2 - LED 2
39	RB6	ULN2004AN Pin B3 – C3 - LED 3
40	RB7	ULN2004AN Pin B4 – C4 - LED 4