

# LCD Display and Keypad Panel

Pinout for the cable				
Key	1	2	PS1	LED7
GND	3	4	+12V	Power 1
+5V	5	6	PS2	LED6
Contrast	7	8	FLT	LED3
RS	9	10	LFT	LED1
R/W	11	12	+5V	Power 2
E	13	14	LBK	LED5
D0	15	16	TST	LED4
D1	17	18	Left	SW4
D2	19	20	Down	SW3
D3	21	22	Up	SW2
D4	23	24	Enter	SW1
D5	25	26	Right	SW5
D6	27	28	ESC	SW6
D7	29	30	SYN	LED2

Pinout on the LCD board	
GND	1
+5V	2
Contrast	3
RS	4
R/W	5
E	6
D0	7
D1	8
D2	9
D3	10
D4	11
D5	12
D6	13
D7	14

Pinout on the Keyboard/LED board	
PS1	1
+12V	2
PS2	3
FLT	4
LFT	5
+5V	6
LBK	7
TST	8
Left	9
Down	10
Up	11
Enter	12
Right	13
ESC	14
SYN	15

Power1 for LED 6 & 7

Power2 for other LEDs and pullup for keys