

Pin 1	3.3 V		Pin 2	5 V	Power Pi
Pin 3	GPIO 2		Pin 4	5V	
Pin 5	GPIO 3		Pin 6	Ground	Ground Pi
Pin 7	GPIO 4	Limit Switch 0 C	Pin 8	GPIO 14	LCD SDA
Pin 9	Ground		Pin 10	GPIO 15	LCD SCL
Pin 11	GPIO 17	Limit Switch 1 C	Pin 12	GPIO 18 (PWM)	LEDs LV1
Pin 13	GPIO 27	Limit Switch 2 C	Pin 14	Ground	Ground Shared
Pin 15	GPIO 22	Limit Switch 3 C	Pin 16	GPIO 23	
Pin 17	3.3 V		Pin 18	GPIO 24	
Pin 19	GPIO 10	Limit Switch 4 C	Pin 20	Ground	
Pin 21	GPIO 09	Limit Switch 5 C	Pin 22	GPIO 25	
Pin 23	GPIO 11		Pin 24	GPIO 8	
Pin 25	Ground		Pin 26	GPIO 7	Linear Actuator IN3
Pin 27	GPIO 0	Pump 1	Pin 28	GPIO 1	Linear Actuator IN4
Pin 29	GPIO 5	Pump 2	Pin 30	Ground	Ground Pull
Pin 31	GPIO 6	Pump 3	Pin 32	GPIO 12 (PWM)	Stepper Pull
Pin 33	GPIO 13 (PWM)	Pump 4	Pin 34	Ground	Ground DIR
Pin 35	GPIO 19 (PWM)	Pump 5	Pin 36	GPIO 16	Stepper DIR
Pin 37	GPIO 26	Pump 6	Pin 38	GPIO 20	Scale DT
Pin 39	Ground		Pin 40	GPIO 21	Scale SCK