

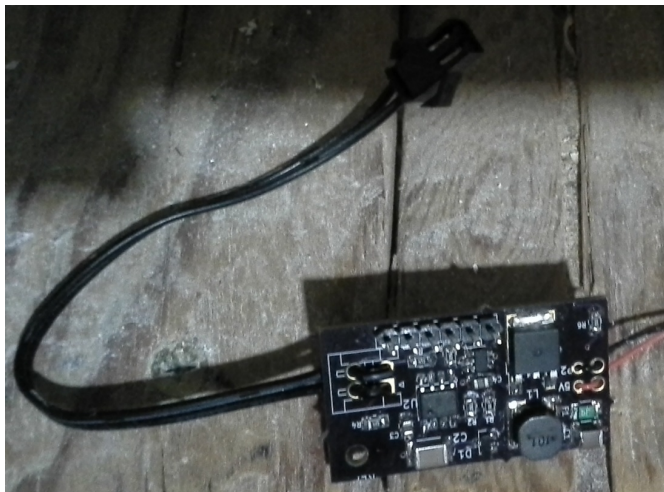
# Silent EL Wire Inverter

## Datasheet

	Min	Typ	Max	Notes
Power Input	3.0V		5.0V	3V will lower the max EL wire length.
DC Converter Output	150V		170V	
EL Voltage		320Vpp		
EL Frequency		1.1kHz		
Max EL Wire Length			3M	Inputs less than 5V will produce less brightness. Shorter wires at lower input voltages may produce full brightness.

## Wiring

The PCB can be hardwired or use the small white JST connectors or any combination. When connecting to the circuit with wires use the strain relief holes to prevent tension on the solder joints. The positive power input is labeled as 5V, the gnd is right next to it. When possible it is good practice to raise the power supply voltage slowly, just in case it is connected backwards. The EL wire polarity does not matter and is connected on the opposite end of the PCB.



# Close Up View

