

Gottlieb System 1 LED Display Build Notes – PinballWiz.org

Gottlieb System 1 LED Display Build Notes

- Disclaimer
- Ribbon Display Cable – Correct Build Orientation
- Display Interface and J2 & J3 Adapters Notch Orientation
- Power Supply recommendation for LED Displays

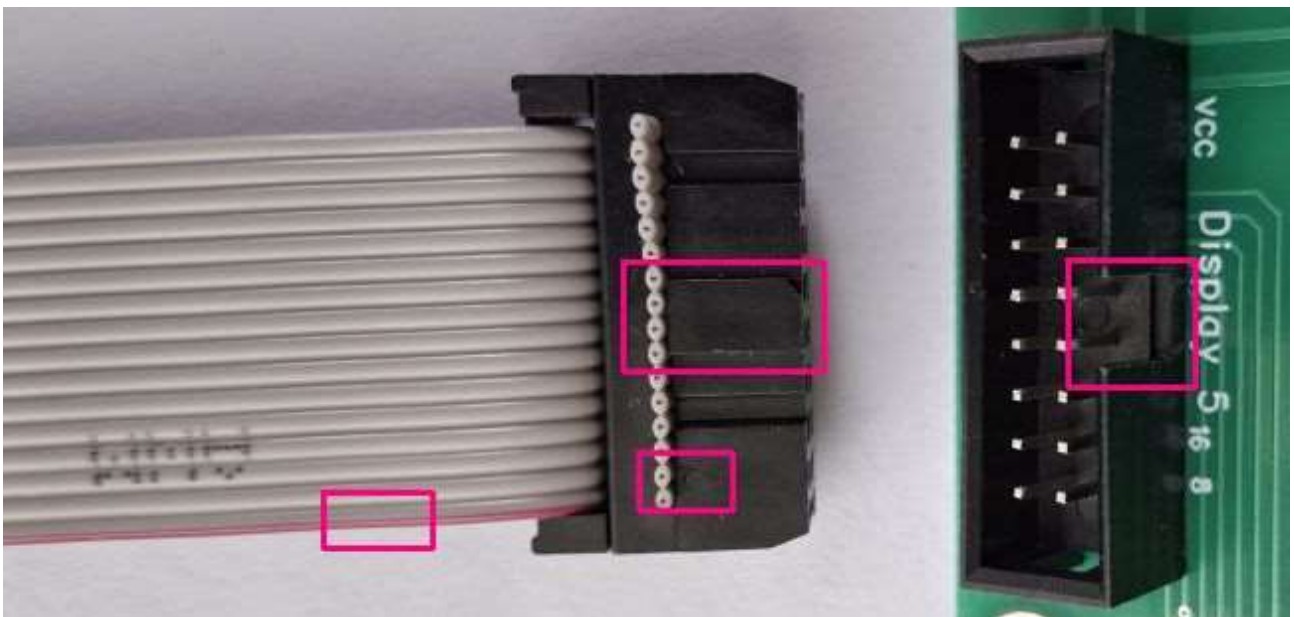
Disclaimer

It is recommended that these notes be used as a general guide only and that all work is carried out by qualified electrical contractors or service personnel. Please Note: Pinball machines contain dangerous voltages.

No Responsibility will be accepted for any consequences (unintended or otherwise) that results from the use of these resources.

Important Build Notes

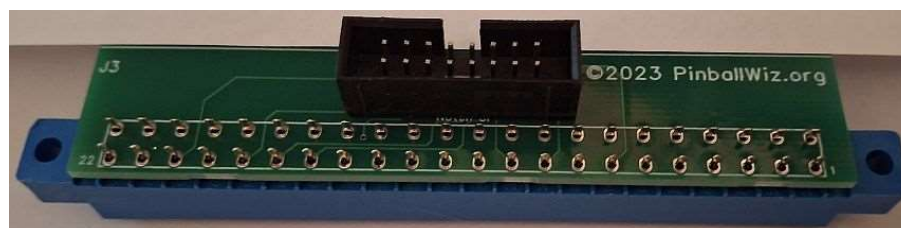
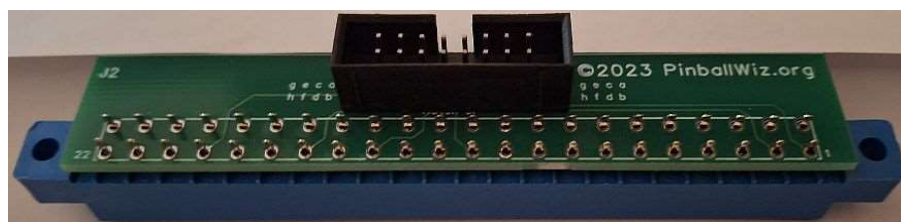
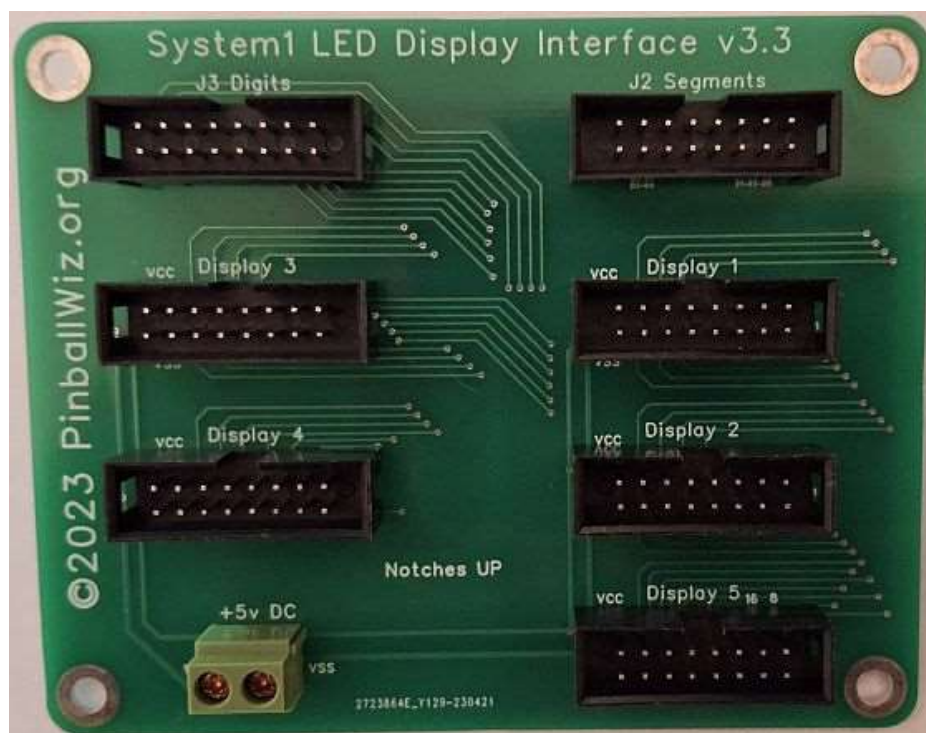
When building ribbon display cables please ensure that **each end** of the ribbon cable is fitted with a cable connector oriented the same way as shown below. Take note of the notch orientation and the arrow on the connector denoting Pin1 with the **red striped side of the ribbon cable**.



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Important Build Notes

When soldering 16 pin cable connectors to the LED Display interface and the J2 & J3 LED Display Adapters please ensure that all connectors are soldered with the **Notch Up**. See pictured below.



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Important Build Notes

It is recommended to use an Arcade Power Supply similar to the one pictured below to power the LED Displays. Please ensure that the Arcade Power Supply has the correct input voltage that suits your local electricity supply authority and is able to output 5volts DC. **Before connecting the Power Supply to the Displays use the +5v voltage adjustment screw to set output voltage to exactly 5v DC.**

Install the Arcade Power Supply inside your pinball machine cabinet and wire the 5v DC and GND to the LED Display Interface Board DC connector, **ensuring that 5v is connected to VCC and GND is connected to VSS.**

Recommended LED Display Power Supply

Arcade Power Supply
24v-12v-5v DC
Output

1 ea



Suppliers

PCB Manufacturing

jlcpb.com

All Other Parts

aliexpress.com