TRS-80 Model 100

2021-11-27

Overview

TODO

Figure 1: TRS-80 Model 100

TODO

Screen

LCD

The display has a 192×480 IPS panel. I think I read somewhere that these were designed as rear-view mirrors. At 218mm, it's actually a little wider than the original LCD.

Bracket

The LCD is mounted to a custom 3D printed bracket that's attached to the enclosure using the original screw bosses. The LCD fits snugly between bracket and the front plastic, with three pieces of double sided tape between the display and the bracket for good measure.

Configuration

```
hdmi_force_hotplug=1
hdmi_group=2
hdmi_mode=87
hdmi_force_mode=1
hdmi_timings=480 0 30 30 30 1920 0 6 6 6 0 0 0 60 0 66000000 7
max_framebuffer_width=480
max_framebuffer_height=1920
display_hdmi_rotate=1
```
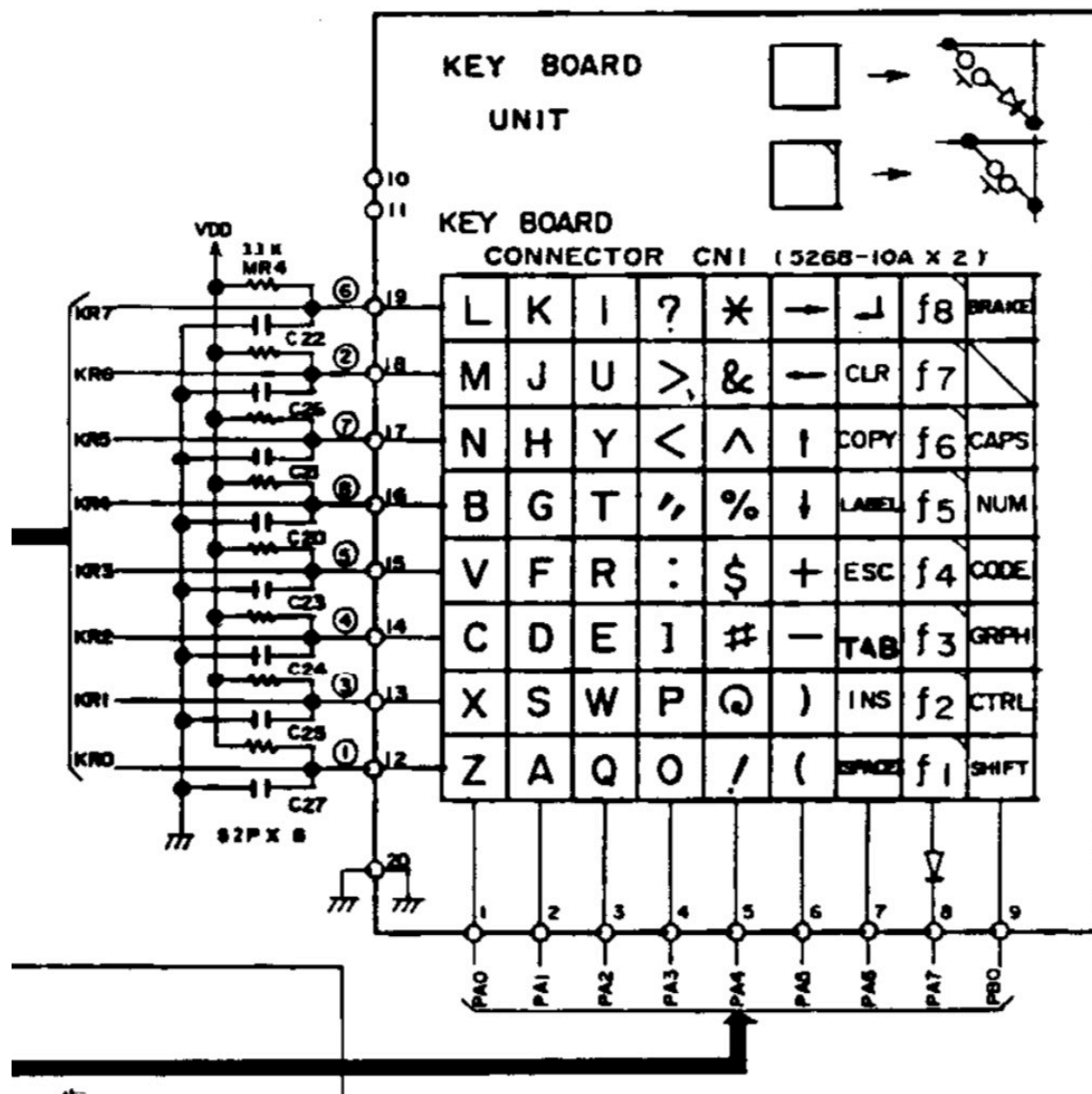
Keyboard

Matrix

TODO

Figure 2: TRS-80 Model 100 Keyboard Matrix