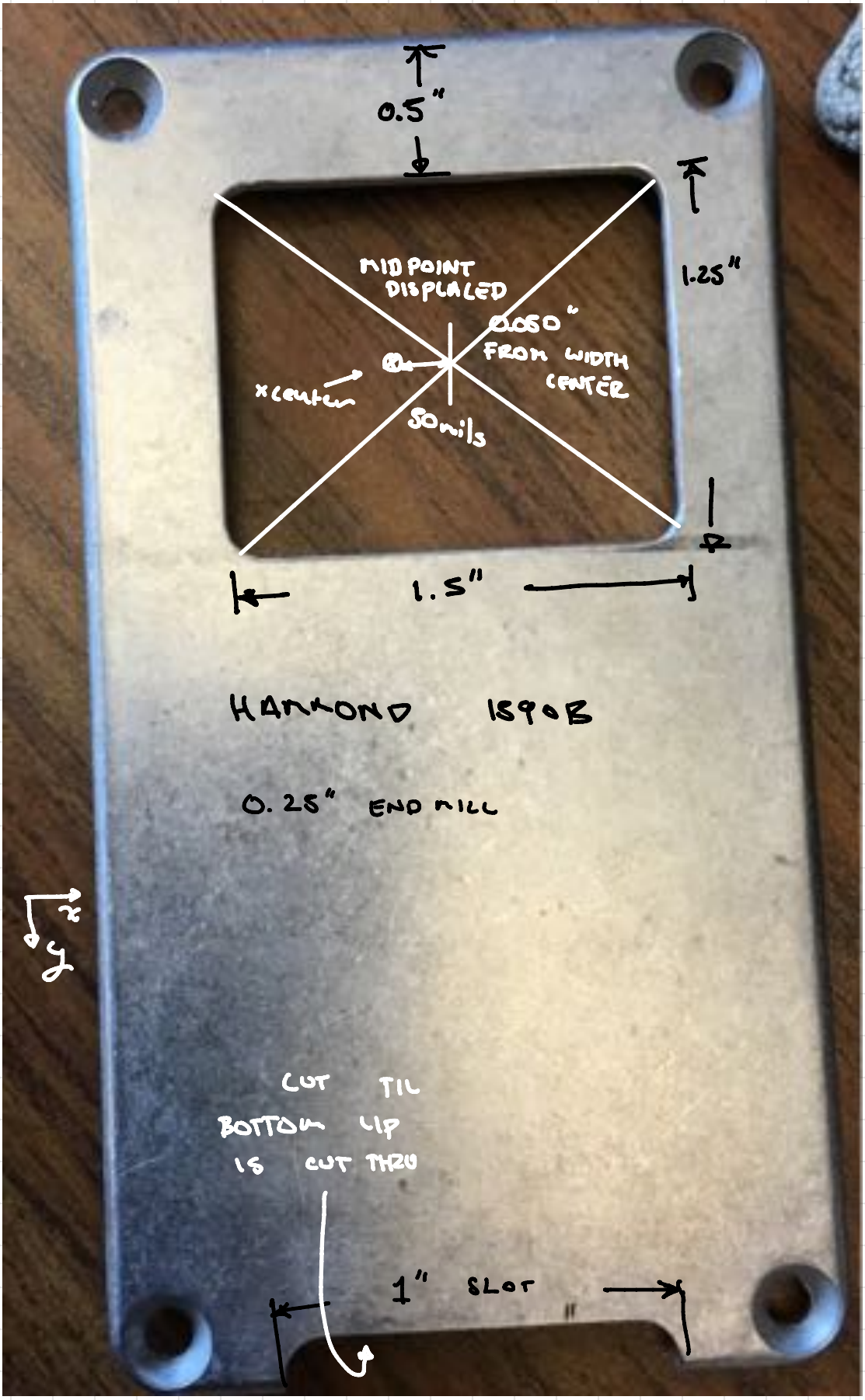
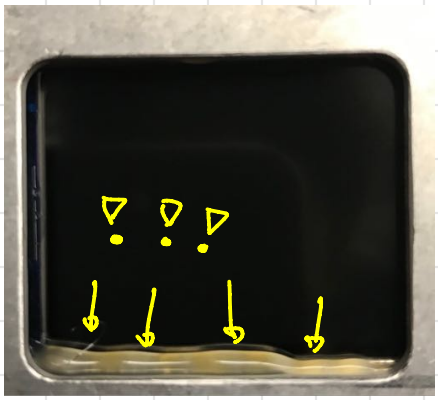
4/9 DATALOG SCREEN HOUSING INSTRUCTIONS



# Assembly:

HOT GLUE

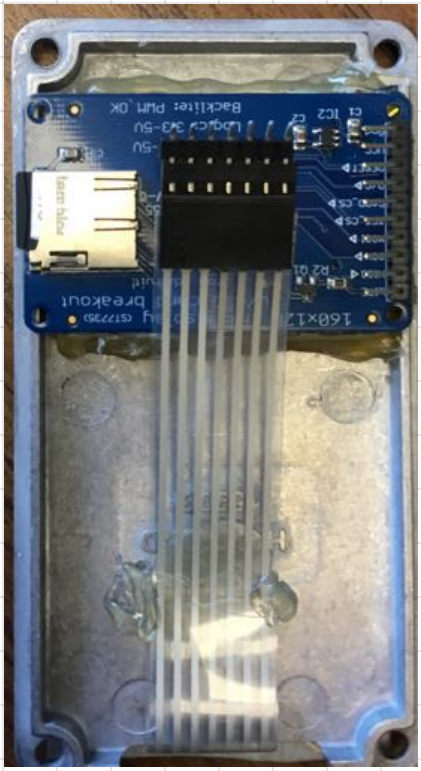
- Glue TFT.
  Be careful to not over flow on the otherside!



use a little glue at first to seal, then go again.

If you mess up the hot glue, when you remove it you can end up popping out the LCD.

- Cut matrix to fit, do not cut back traces!



PARTS

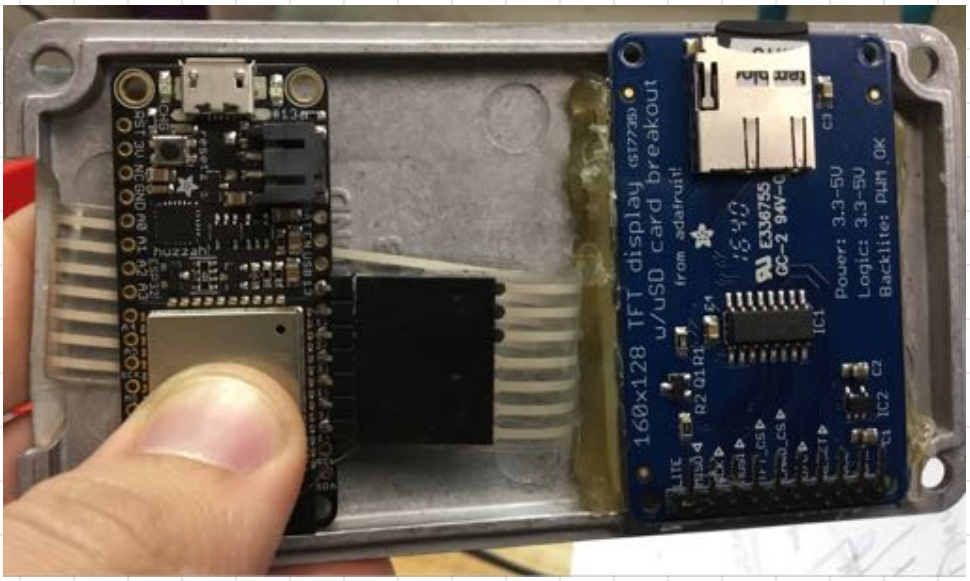
https://www.adafruit.com/product/419 - KEYPAD

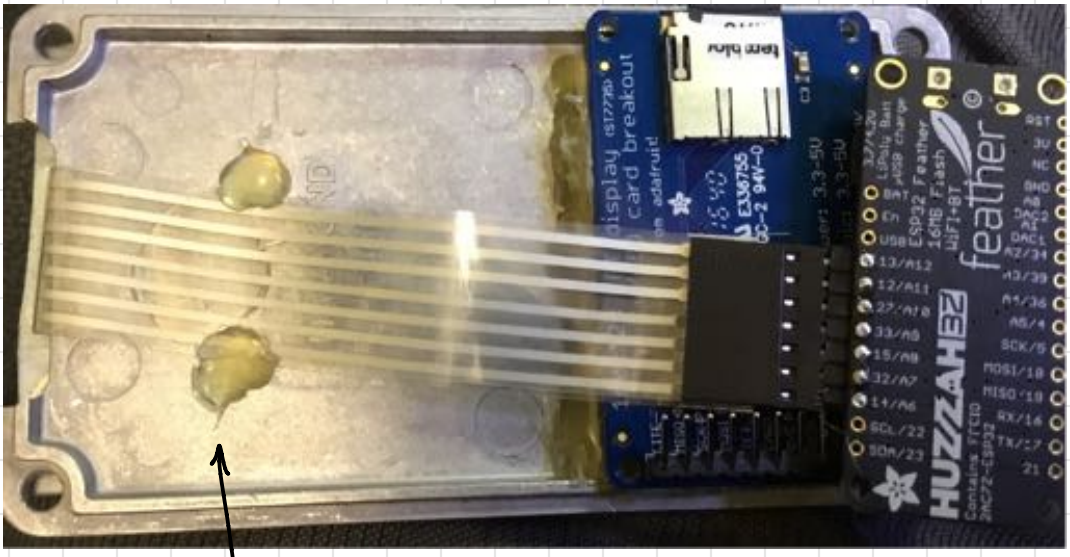
https://www.adafruit.com/product/358 - 1.8" TFT LCD

CONNECT KEY PAD TO BENT HEADERS FROM 13 → 14.

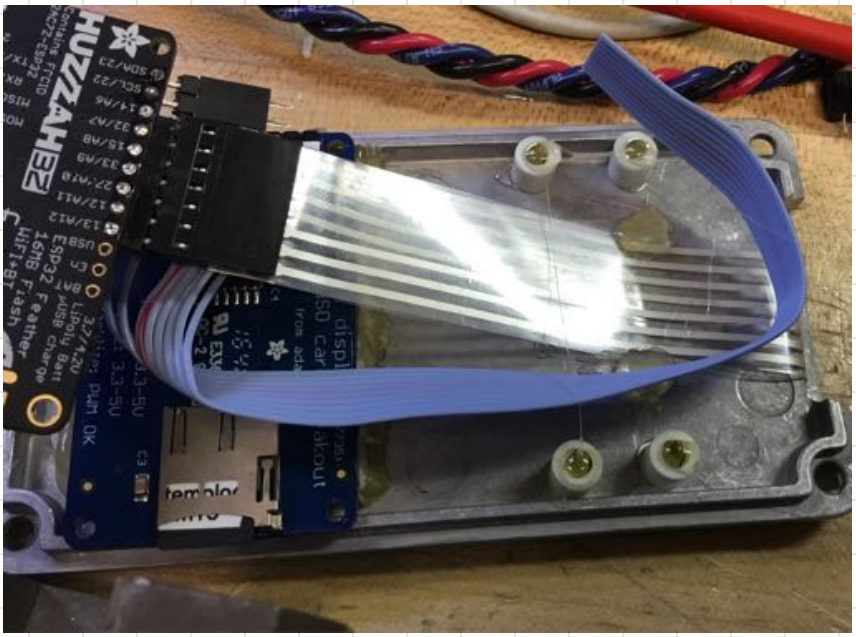
ATTACH MATRIX.

HOLD DOWN WITH FEATHER BOARD TO SEE WHERE TO GLUE.



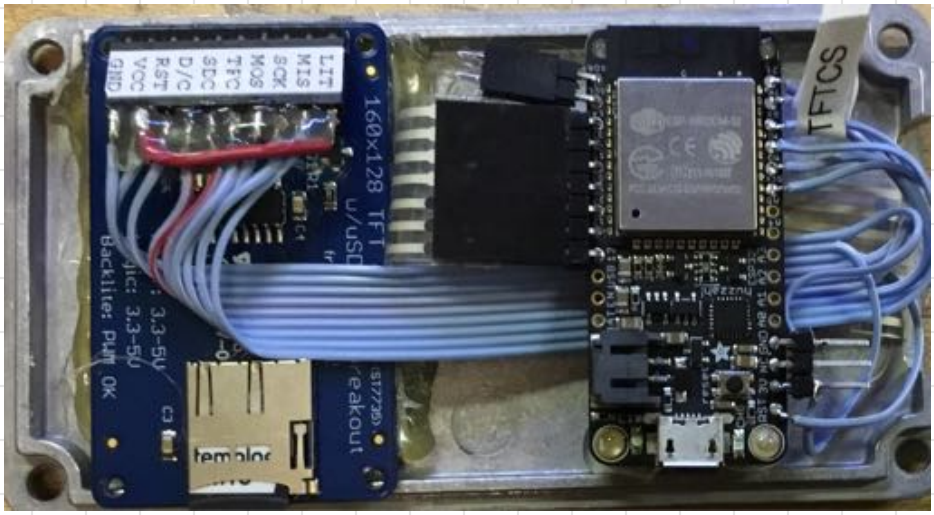




NOTE THE ANGLE.



Solder a female header row for connecting to the TFT screen. If you want, you can label the header row via printing a label. I made mine using our PTouch printer. I still have the file saved. 7.2pt is 0.1″ so setting the font to 7pt is approximately one PCB spacing.

One can use a ribbon cable for convenience




Attach a 3 pin male header for power distribution. Complete! Label the TFT_CS, SD_CS, and D/C pins for future convenience and you're finished!