

[illegible][illegible]

The diagram illustrates a 10x10 LED matrix (Charlieplexed) with 100 LEDs. The rows are labeled CHRLY_1 through CHRLY_10, and the columns are labeled CATH_1 through CATH_10. Each LED is represented by a red triangle with a black dot, indicating its orientation. The LEDs are arranged in a grid, with each row having a common cathode connection and each column having a common anode connection. The LEDs are labeled with unique IDs, such as D115, D124, D133, D142, D151, D160, D169, D178, D187 for the first row, and so on, up to D114, D123, D132, D141, D150, D159, D168, D177, D186 for the tenth row. The diagram shows the wiring for each LED, including the connection to the row and column lines, and the common cathode/anode connections.

The image contains two circuit diagrams illustrating the connection of the PT5810-S1M250-SMTR-LFS module to the Raspberry Pi 4B. Both diagrams show the module's pins connected to the GND and VCC3V3 pins of the Raspberry Pi 4B. The left diagram shows the connection to GND, and the right diagram shows the connection to VCC3V3. Both diagrams include a 10k resistor (R4 or R5) and a 0.1uF capacitor (C6 or C7).