Adafruit DS1307 RTC board GND +5V SDA SCL N/C IC1 13 >CLK DIG0 DIG1 LOAD DIG2 DIG3 KINGBRIGHT DIG4 DIN 24 TC2311SRWA DOUT DIG5 × ▼ TED1 DIG6 SDA DIG7 14 SCL SEGA 8 SEGB 20 12 SEGC 17 TXO R 1 RXI SEGD 10k GP5 SEGE SEGF GP6 SCLK VCC GP12 MISO GND SEGG 22 R4 1k GP13 GND SEGDP MOSI R5 1k GP16 CE0 MAX7219CNG GP19 CE1 C1 C2 GP20 10uF 10nF 40 GP21 GP4 GP26 GP17 R3 1k GP18# GP22 6 GP23 9 S5 14 GP24 20 25 30 34 GP25 20 GP27 25 30 34 $_{\rm DID_SC}^{\rm LD_SD}$ 39 RASPBERRYPI-B+-GPIOTEST