

[illegible]

The diagram shows the USB-to-Serial module connected to the ESP8266 module. The USB-to-Serial module has pins labeled TXD, RXD, VCC, GND, V3, DTR#, USB\_P+, USB\_D-, XI, XO, and CTS#. The ESP8266 module has pins labeled TXD, RXD, VCC, GND, V3, DTR#, USB\_P+, USB\_D-, XI, XO, and CTS#. The connections are as follows:

- USB\_P+ is connected to TXD.
- USB\_D- is connected to RXD.
- VCC is connected to VCC.
- GND is connected to GND.
- V3 is connected to V3.
- DTR# is connected to DTR#.
- XI is connected to XI.
- XO is connected to XO.
- CTS# is connected to CTS#.

Timing diagram for KEY4.5. The signal is high during the pulse labeled K1. The pulse is labeled 1, 1.2, 2, and BOOT.

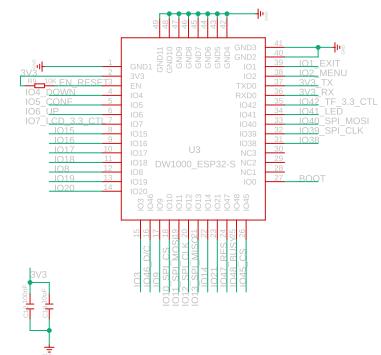


Figure 1: Schematic representation of the 2x10PmP2 54 WTOTIE. The diagram shows a grid of 10x10 cells representing a 2x10PmP2 54 WTOTIE. The top row is labeled 'US' and the bottom row is labeled 'LS'. The left column is labeled 'P1' and the right column is labeled 'P2'. The cells are numbered 1 to 100. A red box highlights the top 10 cells (P1 P20 to P10 P20). A red box highlights the bottom 10 cells (P1 P10 to P10 P10). A red box highlights the middle 10 cells (P1 P15 to P10 P15). A red box highlights the right 10 cells (P1 P25 to P10 P25). A red box highlights the left 10 cells (P1 P5 to P10 P5). A red box highlights the top 10 cells (P1 P20 to P10 P20). A red box highlights the bottom 10 cells (P1 P10 to P10 P10). A red box highlights the middle 10 cells (P1 P15 to P10 P15). A red box highlights the right 10 cells (P1 P25 to P10 P25). A red box highlights the left 10 cells (P1 P5 to P10 P5).

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The schematic diagram illustrates the test setup for the SPI interface. It shows a 5V power supply connected to the CS pin of the MAX9843. The SPI interface is connected between the MAX9843 and a microcontroller. The MAX9843 pins are: VDD (5V), VSS (GND), CS (5V), SD (P12), GND (P13), and DATA (P11). The microcontroller pins are: VDD (5V), VSS (GND), CS (P12), SD (P13), and DATA (P11). The microcontroller also has a 10k pull-up resistor on its CS pin to the 5V supply.

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