

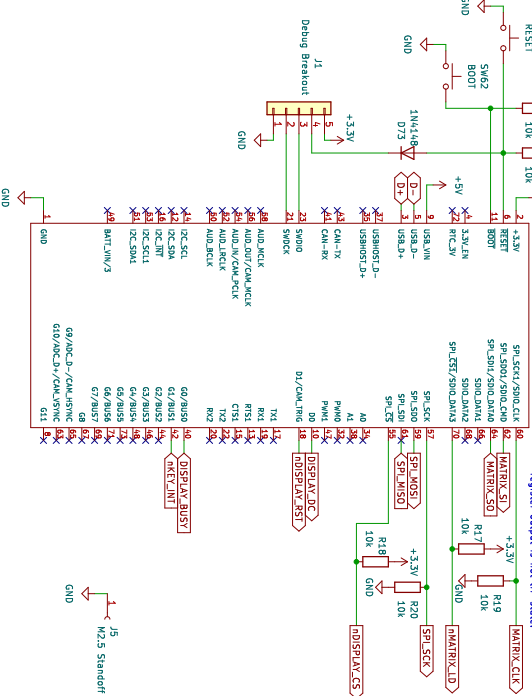
1. Set mMATRIX\_LD high to enable SPO write
2. Write to SPO to set one row low and others high
3. Set mMATRIX\_LD low to store column values in PISO
4. Set mMATRIX\_LD high to enable PISO read
5. Read column values from PISO
6. Repeat steps 2-5 for all rows



Coins pulled high externally and read from PISO registers



The diagram illustrates the electrical connections for a MicroLED Connector. On the left, a microcontroller (5V6L) has pins RST, SCK, SDO, and SDA. RST is connected to a 3.3V supply through resistor R15. SCK is connected to a 3.3V supply through resistor R16. SDO is connected to a 3.3V supply through resistor R17. SDA is connected to a 3.3V supply through resistor R19. A 10k resistor (R18) is connected between SDA and ground. On the right, the MicroLED Connector has pins J5, MATRIX\_50, and MATRIX\_CLK. J5 is connected to a 3.3V supply. MATRIX\_50 is connected to a 3.3V supply through resistor R17. MATRIX\_CLK is connected to a 3.3V supply through resistor R19. A 10k resistor (R18) is connected between MATRIX\_CLK and ground.



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