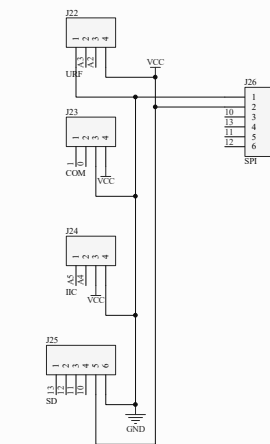
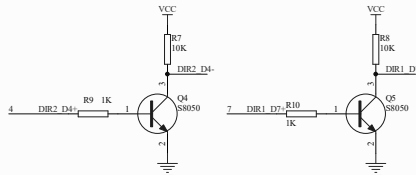


The diagram illustrates the pin connections for the ESP8266 module. It includes a power supply section with a 1k resistor (R1) and a red LED (LED1) connected to VCC and GND. The pin headers are labeled as follows:

- Pin Header 1 (A6):** Pins 1, 2, 3, 4, 5, 6, 7, 8. Pin 3 is labeled 3.3V and pin 5 is labeled 5V.
- Pin Header 2 (PC5):** Pins 1, 2, 3, 4, 5, 6. Connections: SCL to A5, SDA to A4, PC4 to A3, PC3 to A2, PC2 to A1, PC1 to A0, PC0 to A0.
- Pin Header 3 (P5-2):** Pins 1, 2, 3, 4, 5, 6, 7, 8. Connections: SS to 1, MISO to 2, MISC to 3, SCK to 4, A0 to 5, A1 to 6, A2 to 7, A3 to 8.
- Pin Header 4 (P5-2):** Pins 1, 2, 3, 4, 5, 6, 7, 8. Connections: SS to 1, MISO to 2, MISC to 3, SCK to 4, A0 to 5, A1 to 6, A2 to 7, A3 to 8.
- Pin Header 5 (P5-2):** Pins 1, 2, 3, 4, 5, 6, 7, 8. Connections: SS to 1, MISO to 2, MISC to 3, SCK to 4, A0 to 5, A1 to 6, A2 to 7, A3 to 8.
- Pin Header 6 (Header 6):** Pins 1, 2, 3, 4, 5, 6, 7, 8. Connections: SS to 1, MISO to 2, MISC to 3, SCK to 4, A0 to 5, A1 to 6, A2 to 7, A3 to 8.
- Pin Header 7 (P5-2):** Pins 1, 2, 3, 4, 5, 6, 7, 8. Connections: SS to 1, MISO to 2, MISC to 3, SCK to 4, A0 to 5, A1 to 6, A2 to 7, A3 to 8.
- Pin Header 8 (P5-2):** Pins 1, 2, 3, 4, 5, 6, 7, 8. Connections: SS to 1, MISO to 2, MISC to 3, SCK to 4, A0 to 5, A1 to 6, A2 to 7, A3 to 8.



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