



The diagram shows a 12V input connected to the ADJ pin of an LM2596-ADJ regulator. A 100µF electrolytic capacitor is connected between the input and ground. A 100k resistor is connected between the ADJ pin and ground. The output of the regulator is connected to a 5V USB port. The output capacitor is 10µF. The regulator is powered by a 12V input and has a 5V output.

[illegible]

The three diagrams illustrate the connection of different components to a 2.5V supply:

- A52C:** The component is connected to a 2.5V supply through a 10K resistor. A 0.1uF capacitor is connected to ground.
- Q23:** The component is connected to a 2.5V supply through a 10K resistor. A 0.1uF capacitor is connected to ground.
- P23D:** The component is connected to a 2.5V supply through a 10K resistor. A 0.1uF capacitor is connected to ground.

[illegible]