

To save space, a high resolution placement image is included in the project archive as a .png image file.

Part list

Resistors

R1 - 10K ohm resistor

R2 - 1.5K ohm resistor

Simple 1/4 or 1/8th watt resistors are fine.

Diodes

D1 - 8.2 volt zener diode (should be rated at least 0.5 watts)

D2 - 5.1 volt zener diode (should be rated at least 0.5 watts)

D3,4,5,6 - 1n4148 diode (or 1n4448)

Capacitors

C1 - 100uf/25v electrolytic

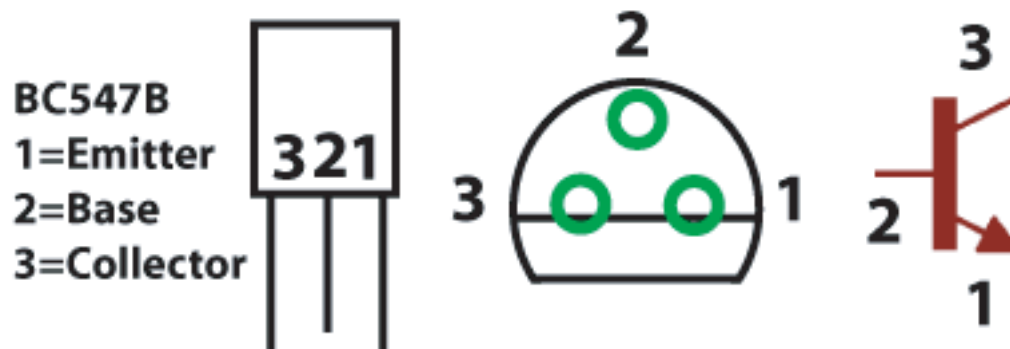
C2 - 22uF/16 volt Tantalum or 47uf/6.3 volts Tantalum

C2 is a high speed capacitor and should be a tantalum type.

Transistors

Q1,2 - BC547B

These small transistors are really common. Make sure that your transistor has the pin configuration shown in the diagram below. Double check the first page of the manufacturer's datasheet to be sure -- incorrect orientation is the most common problem with new JDM2 programmers.



Serial port plug

This is a common female right-angle, PCB mountable DB9 plug.