

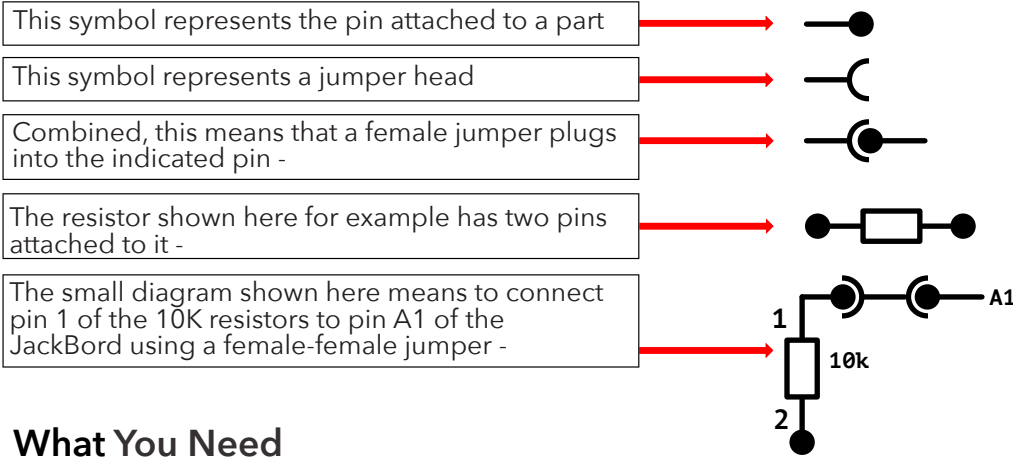
# A5: Using the JackBord TOP: Connecting the Power

1001-act5 Introduction to Electronics

## Summary

In this activity you will learn how to connect the TOP's power lines to the main JackBord unit with jumper wires.

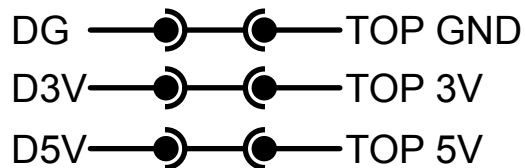
Here is a quick explanation of the symbols used in the diagram:



## What You Need

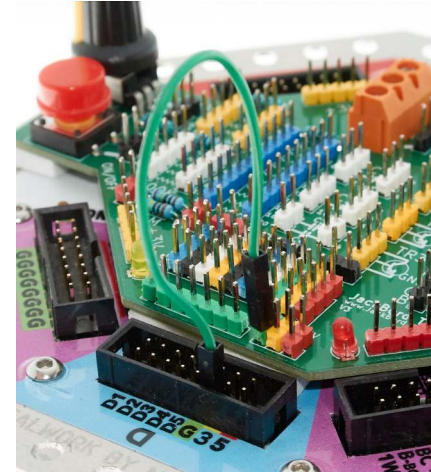
- JackBord
- JackBord TOP
- 10 x 10cm Jumper Wires
- Means of viewing [Using the TOP Part 1: Attaching the TOP to the JackBord tmt3Nnbl](#)
- Book "Using the JackBord TOP" from tmt3Nnbp

## Circuit Diagram

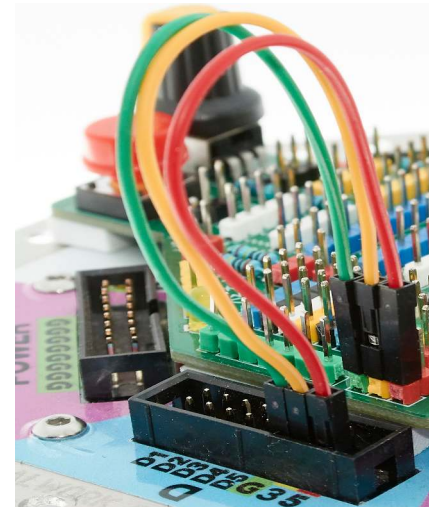


## Diagram

1. Connect the GND pin of the TOP to the G pin of port D on the JackBord with a jumper.



2. Repeat step 1 for the 3V and 5V pins of the TOP which should connect to the 3 and 5 pins of port D respectively.



3. Your board should look like the picture below. Jumper colours do not matter.



4. When you turn on the JackBord, the yellow and red power lights on the TOP should light up as shown below.



5. Woohoo, the TOP is now connected to the JackBord! Now you know how to do this, you can move on to the next activity. In it, you will get to build an LED circuit!