

# Transistor Motor Driver

## 1. Introduction

This article is about the transistor motor driver that I made:

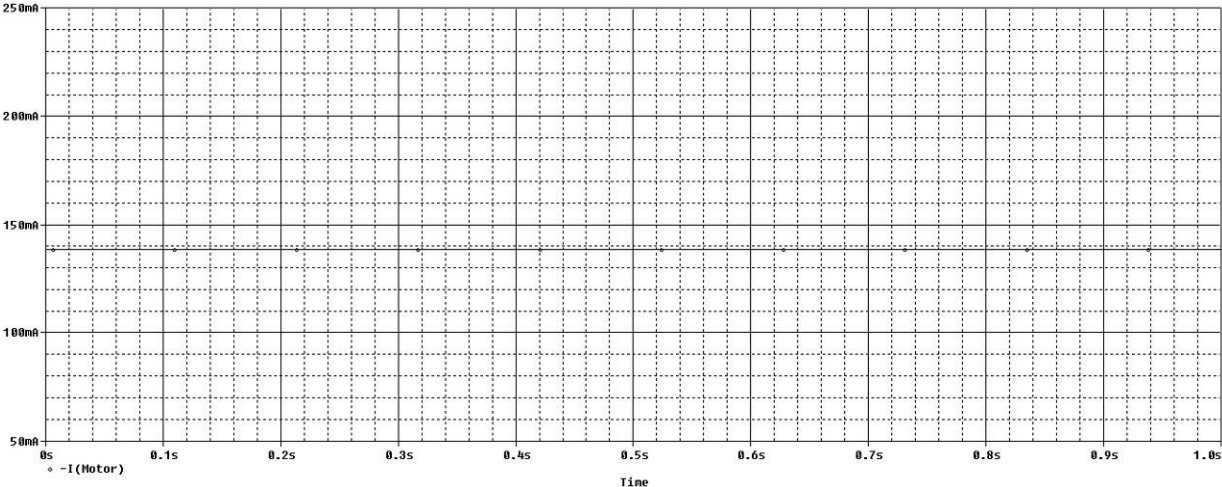


**Figure 1:** Transistor Motor Driver.



### 3. Step 2: Simulations

Simulations show a high current output:



**Figure 3:** Transistor Motor Driver Simulations.

### 3. Step 3: Make the Circuit

Not all the components shown in the drawing were included in the actual circuit construction.

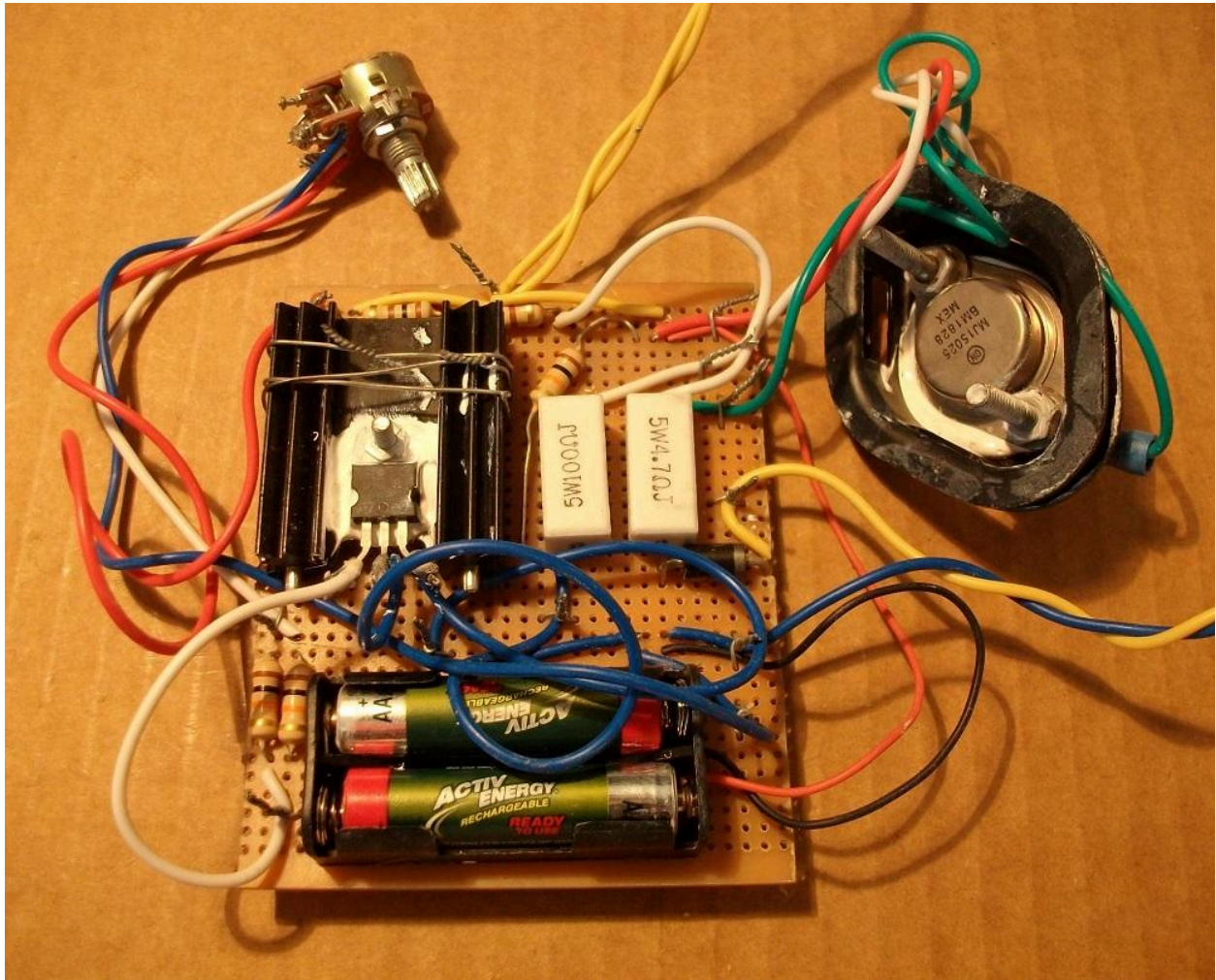


Figure 4: Make the Circuit.

## 4. Step 4: Encasement

I used an old parcel cardboard box for encasement that you see in the photo.

## 5. Conclusion

The motor driver needs a big heat sink because sometimes the Q2 transistor is not fully saturated.

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