Back to my courses

RC Excavator - How To

69% COMPLETE

What We're Building

Sourcing Parts

Sourcing PCB(Printed Circuit Board)

Sourcing Electronics

Required Tools

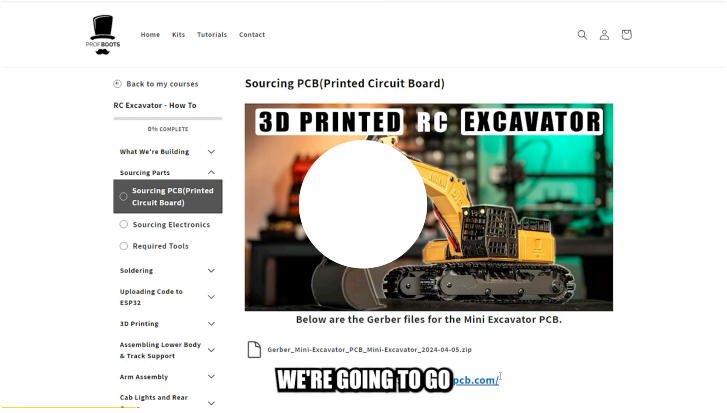
Soldering

Uploading Code to ESP32

3D Printing

Assembling Lower Body & Track Support

Sourcing PCB(Printed Circuit Board)



Below are the Gerber files for the Mini Excavator PCB.

Gerber_Mini-Excavator_PCB_Mini-Excavator_2024-04-05.zip

JLCPCB: https://jlcpcb.com/

For this demonstration I'll be using JLCPCB to source my circuit boards as

Arm Assembly

Cab Lights and Rear Cover

Test Drive

Attachments/Upgrades

I've had great success with them in the past, though feel free to use your own preferred manufacturer as the results will all be relatively identical.

1. **Download the "MiniExcavator" Gerber files above.**
2. **Navigate to JLCPCB's website or your preferred manufacturer.**
3. **Proceed to JLCPCB's instant quote page.**
4. **Drag and drop the "MiniExcavator" PCB files into where it says "Add Gerber Files".**
5. **Once its uploaded select your desired surface finish and PCB color.**
6. **Save to cart and proceed to checkout as you normally would.**

COMPLETE AND CONTINUE