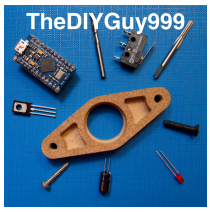
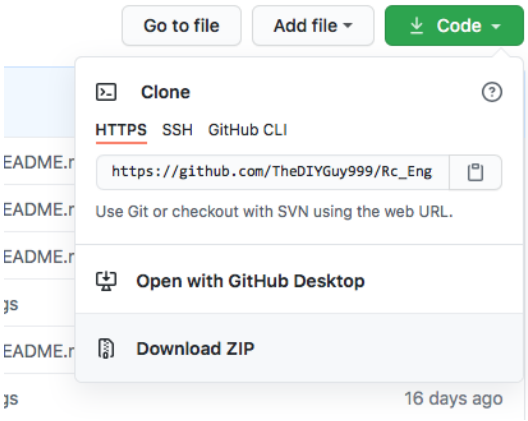


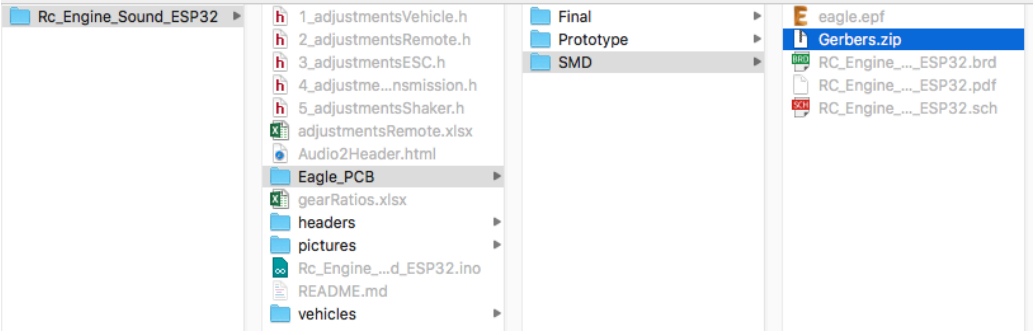
How To Order Assembled PCB's on PCBWay

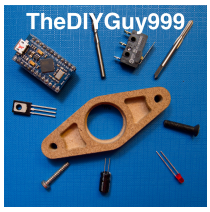
PCBWay offers high quality prototype PCB manufacturing and assembling services with short turnaround times for cheap.

1. Go to: https://github.com/TheDIYGuy999/Rc_Engine_Sound_ESP32
2. Hit "Code" > "Download ZIP"



3. Go to: https://www.pcbway.com/orderonline.aspx
4. Hit ○ Quick-order PCB: Upload gerber files & autofill parameters >>
5. Hit + Add Gerber File
6. Open the ZIP you downloaded before, navigate to the "Gerbers.zip" and select it





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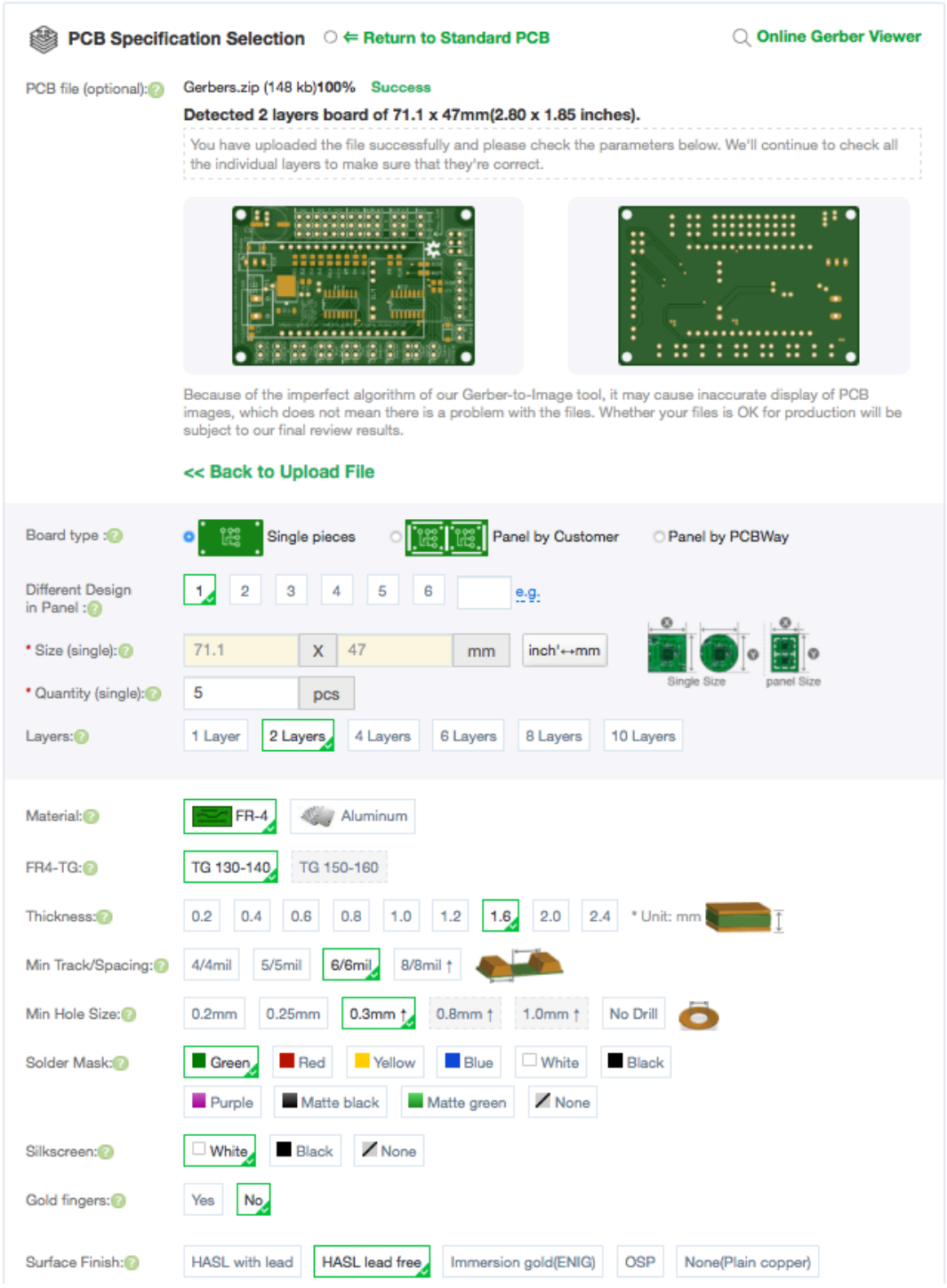
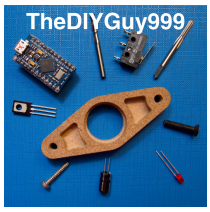
7. The following preview window opens. If the preview looks OK, select the **quantity** and the **surface finish** in the preview screen below (I recommend "**HASL lead free**"). Maybe you also want to change the **solder mask color**. Do not change other settings.





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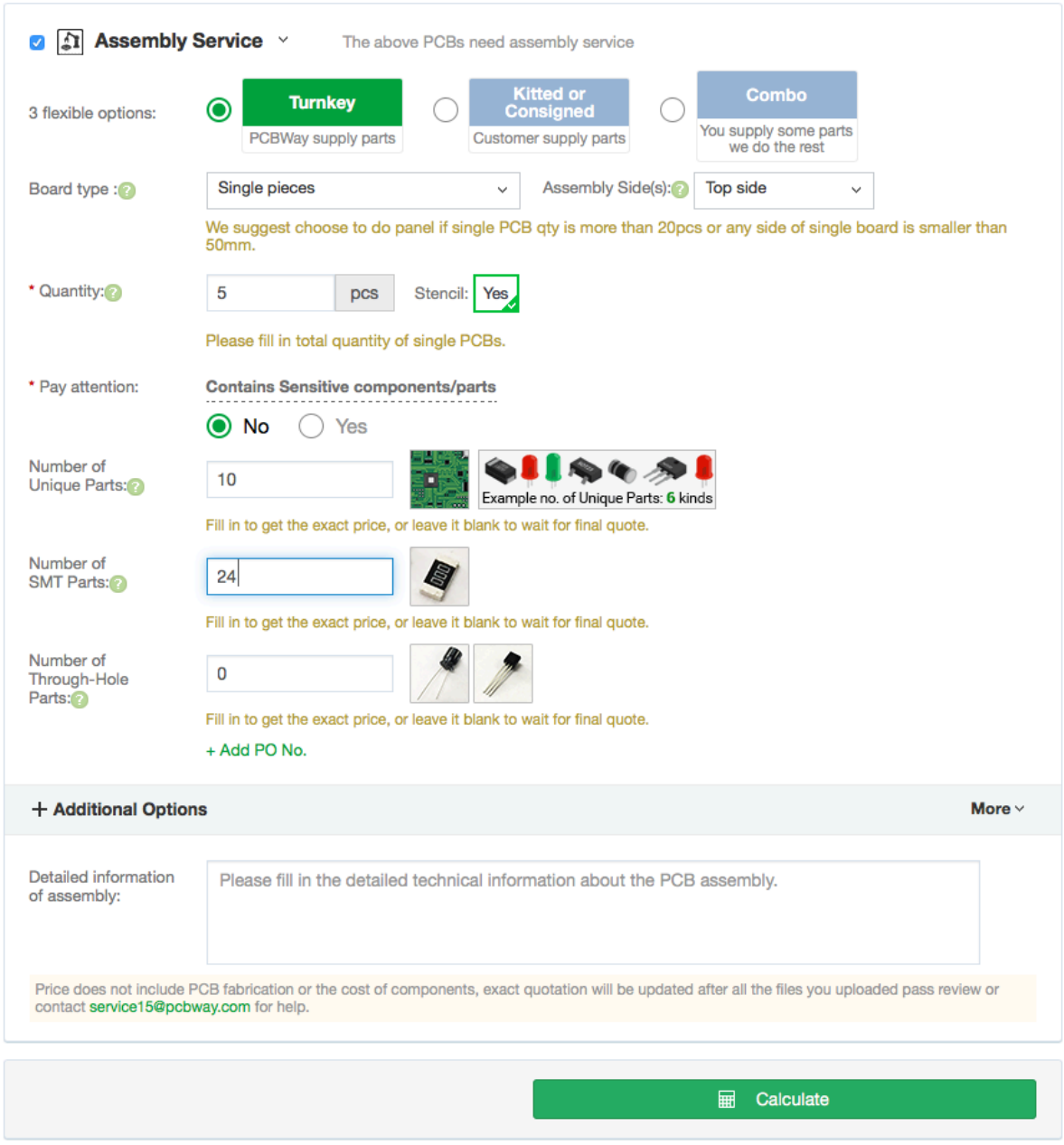
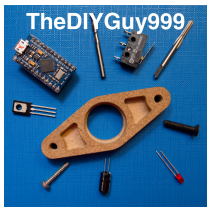
8. Select the assembly service options:
    a. Same Quantity as above
    b. Number of unique (SMD) parts = 10 according to BOM
    c. Total number of SMT (SMD) parts = 24 according to BOM
    d. No through hole parts
    e. Then hit "Calculate"

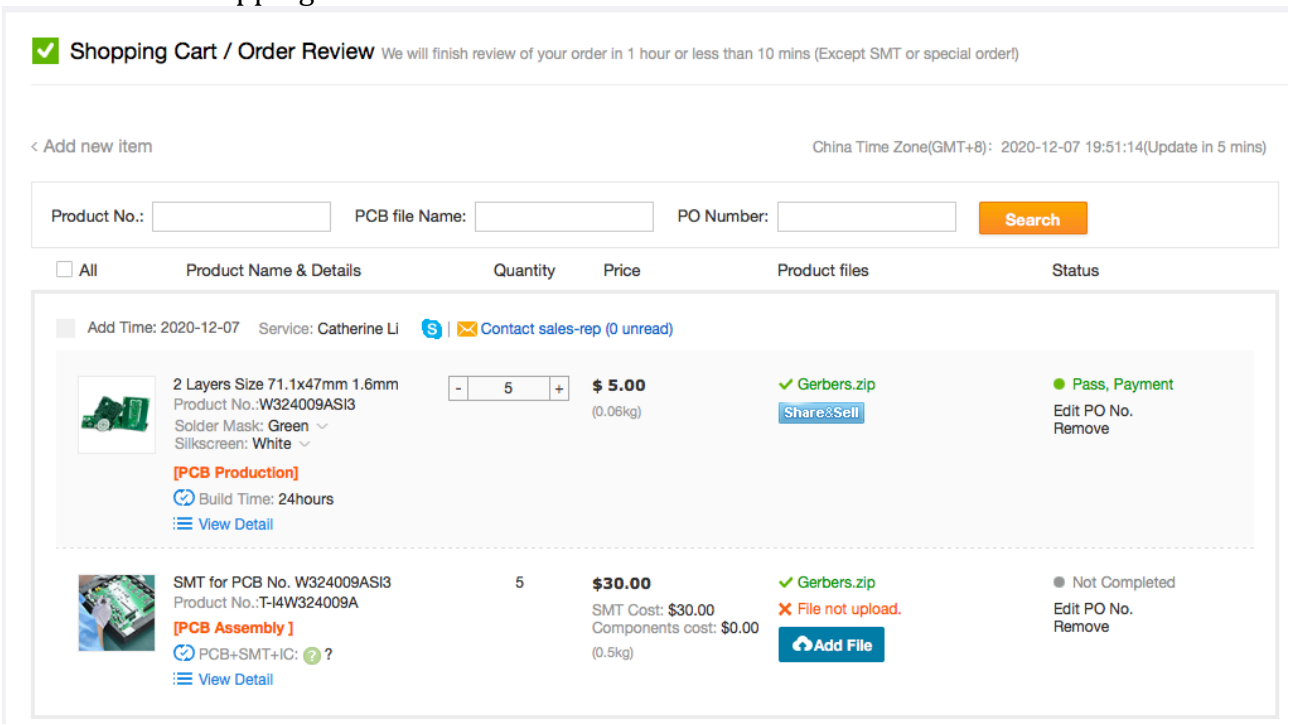


9. Hit

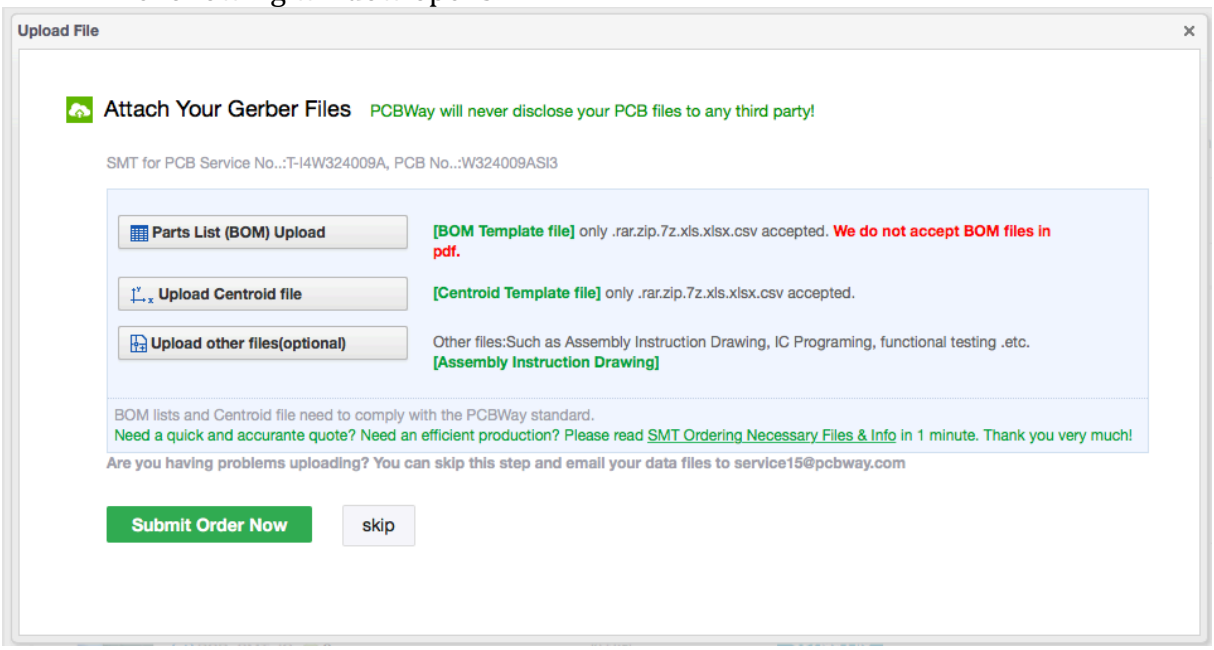


How To Order Assembled PCB's on PCBWay

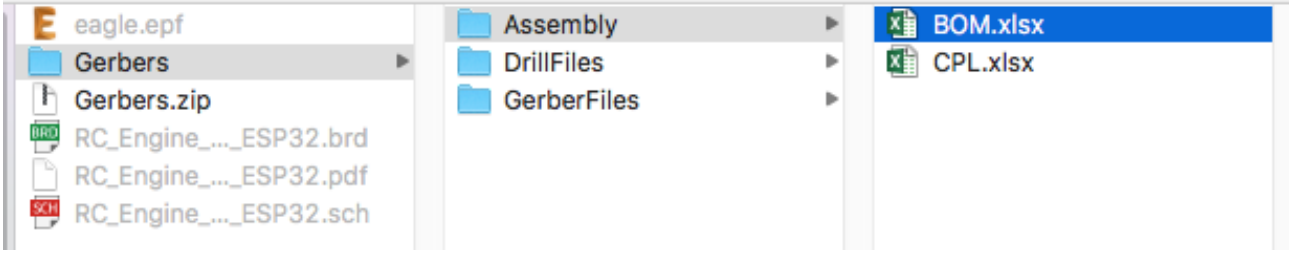
10. In the Shopping Cart hit "Add File"

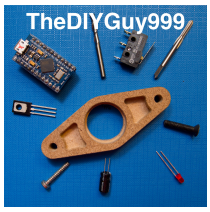


11. The following window opens



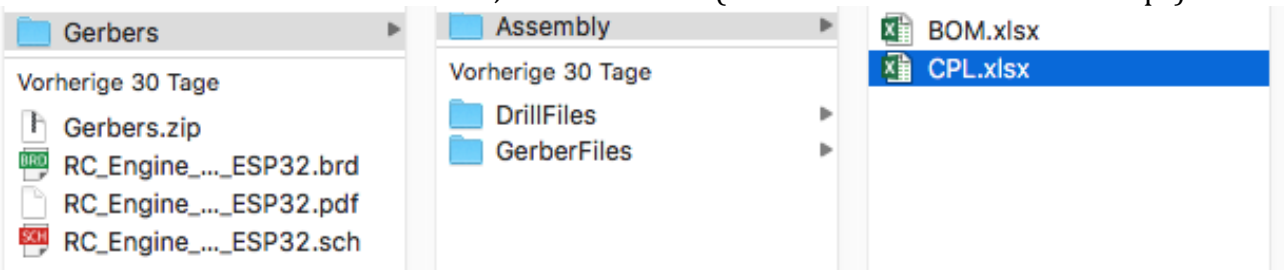
12. Hit the "BOM Upload" button, select BOM.xlsx (it is included in the "Gerbers.zip")



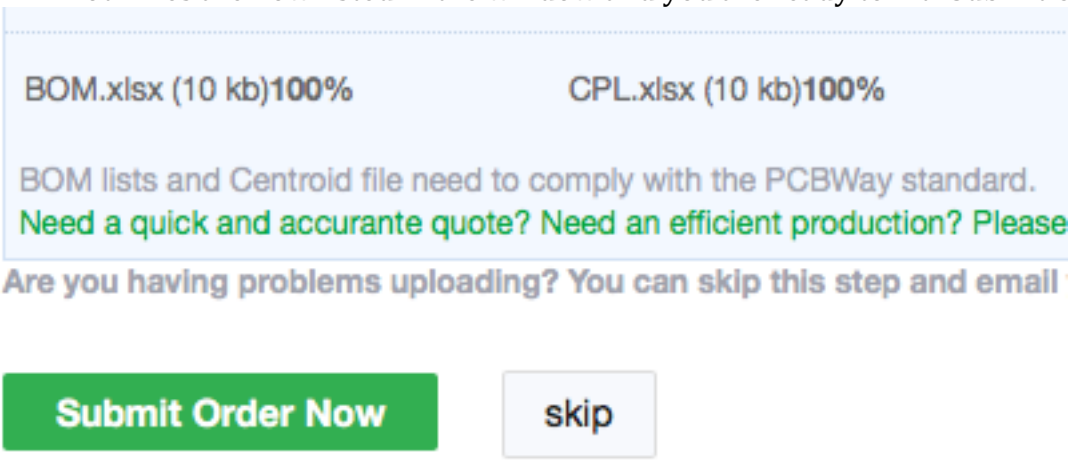


How To Order Assembled PCB's on PCBWay

13. Hit the "Centroid File" button, select CPL.xlsx (it is included in the "Gerbers.zip")



14. Both files are now listed in the window and you are ready to hit "Submit Order Now"



15. That's it! PCBWay will contact you soon and send you a final offer
16. After the first board is assembled, PCBWay will send you a picture for confirmation