

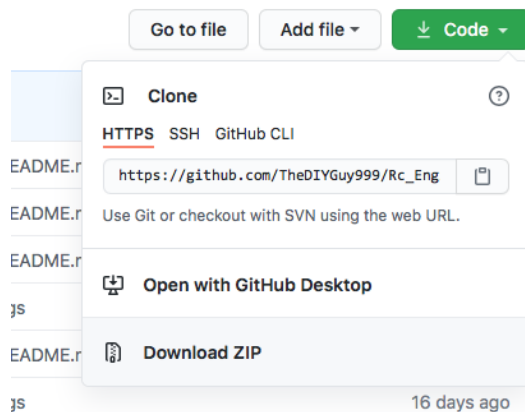


How To Order Assembled PCB's on PCBWay

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



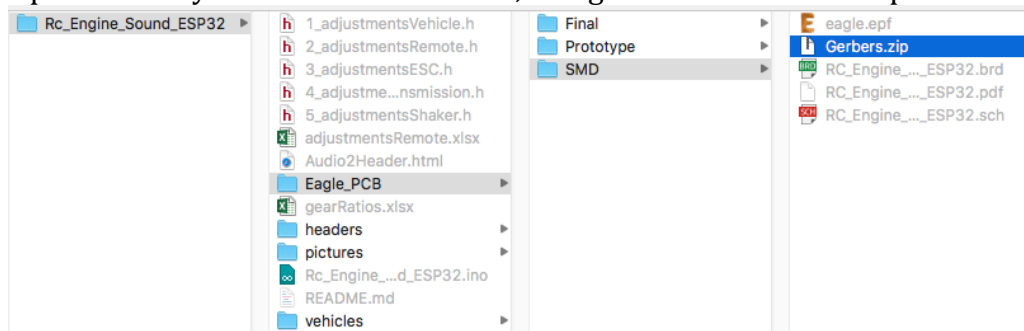
1. Go to: https://github.com/TheDIYGuy999/Rc_Engine_Sound_ESP32
2. Hit "Code" > "Download ZIP"



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





How To Order Assembled PCB's on PCBWay

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.

PCB Specification Selection
[Return to Standard PCB](#)
[Online Gerber Viewer](#)

PCB file (optional): Gerbers.zip (148 kb) 100% **Success**

Detected 2 layers board of 71.1 x 47mm(2.80 x 1.85 inches).

You have uploaded the file successfully and please check the parameters below. We'll continue to check all the individual layers to make sure that they're correct.

Because of the imperfect algorithm of our Gerber-to-Image tool, it may cause inaccurate display of PCB images, which does not mean there is a problem with the files. Whether your files is OK for production will be subject to our final review results.

[<< Back to Upload File](#)

Board type: **Single pieces** Panel by Customer Panel by PCBWay

Different Design in Panel: [e.g.](#)

* Size (single): X

* Quantity (single):

Layers:

Material: **FR-4** Aluminum

FR4-TG: **TG 130-140**

Thickness: * Unit: mm

Min Track/Spacing:

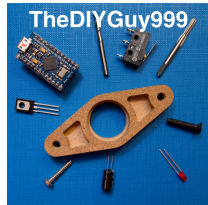
Min Hole Size:

Solder Mask:

Silkscreen:

Gold fingers:

Surface Finish:



How To Order Assembled PCB's on PCBWay

8. Select the assembly service options:

- Same Quantity as above
- Number of unique (SMD) parts = 10 according to BOM
- Total number of SMT (SMD) parts = 24 according to BOM
- No through hole parts
- Then hit "Calculate"

☒ **Assembly Service** The above PCBs need assembly service

3 flexible options:

☒ **Turnkey**
PCBWay supply parts

☐ **Kitted or Consigned**
Customer supply parts

☐ **Combo**
You supply some parts we do the rest

Board type : Single pieces
Assembly Side(s): Top side

We suggest choose to do panel if single PCB qty is more than 20pcs or any side of single board is smaller than 50mm.

* Quantity: 5 pcs
Stencil: ☒ Yes

Please fill in total quantity of single PCBs.

* Pay attention: **Contains Sensitive components/parts**

☒ No
☐ Yes

Number of Unique Parts: 10

Example no. of Unique Parts: 6 kinds

Fill in to get the exact price, or leave it blank to wait for final quote.

Number of SMT Parts: 24

Fill in to get the exact price, or leave it blank to wait for final quote.

Number of Through-Hole Parts: 0

Fill in to get the exact price, or leave it blank to wait for final quote.

+ Add PO No.

+ Additional Options More

Detailed information of assembly:

Please fill in the detailed technical information about the PCB assembly.

Price does not include PCB fabrication or the cost of components, exact quotation will be updated after all the files you uploaded pass review or contact service15@pcbway.com for help.

Save to Cart

Calculate

9. Hit



Save to Cart





How To Order Assembled PCB's on PCBWay

10. In the Shopping Cart hit "Add File"

Shopping Cart / Order Review We will finish review of your order in 1 hour or less than 10 mins (Except SMT or special order!)


< Add new item China Time Zone(GMT+8): 2020-12-07 19:51:14(Update in 5 mins)

Product No.: PCB file Name: PO Number: Search


<input type="checkbox"/> All	Product Name & Details	Quantity	Price	Product files	Status
<p>Add Time: 2020-12-07 Service: Catherine Li \$ ✉ Contact sales-rep (0 unread)</p>					
	<p>2 Layers Size 71.1x47mm 1.6mm</p> <p>Product No.:W324009ASI3</p> <p>Solder Mask: Green ▾</p> <p>Silkscreen: White ▾</p> <p>[PCB Production]</p> <p>Build Time: 24hours</p> <p>View Detail</p>	- 5 +	<p>\$ 5.00</p> <p>(0.06kg)</p>	<p>✓ Gerbers.zip</p> <p>Share&Sell</p>	<p>● Pass, Payment</p> <p>Edit PO No.</p> <p>Remove</p>
	<p>SMT for PCB No. W324009ASI3</p> <p>Product No.:T-I4W324009A</p> <p>[PCB Assembly]</p> <p>PCB+SMT+IC: ?</p> <p>View Detail</p>	5	<p>\$30.00</p> <p>SMT Cost: \$30.00</p> <p>Components cost: \$0.00</p> <p>(0.5kg)</p>	<p>✓ Gerbers.zip</p> <p>✗ File not upload.</p> <p>Add File</p>	<p>● Not Completed</p> <p>Edit PO No.</p> <p>Remove</p>


11. The following window opens


Upload File ✕

 **Attach Your Gerber Files** PCBWay will never disclose your PCB files to any third party!

SMT for PCB Service No.:T-I4W324009A, PCB No.:W324009ASI3

 **Parts List (BOM) Upload**

 **Upload Centroid file**

 **Upload other files(optional)**

[BOM Template file] only .rar.zip.7z.xls.xlsx.csv accepted. We do not accept BOM files in pdf.

[Centroid Template file] only .rar.zip.7z.xls.xlsx.csv accepted.

Other files:Such as Assembly Instruction Drawing, IC Programing, functional testing .etc.
[Assembly Instruction Drawing]


BOM lists and Centroid file need to comply with the PCBWay standard.


Need a quick and accurate quote? Need an efficient production? Please read [SMT Ordering Necessary Files & Info](#) in 1 minute. Thank you very much!


Are you having problems uploading? You can skip this step and email your data files to service15@pcbway.com


Submit Order Now
skip


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


 eagle.epf


 Gerbers


 Gerbers.zip


 RC_Engine_..._ESP32.brd


 RC_Engine_..._ESP32.pdf


 RC_Engine_..._ESP32.sch

 Assembly

 DrillFiles

 GerberFiles

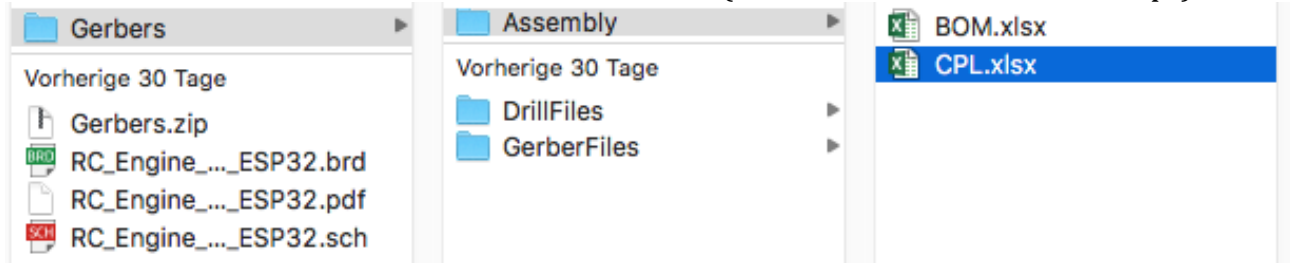
 **BOM.xlsx**

 CPL.xlsx

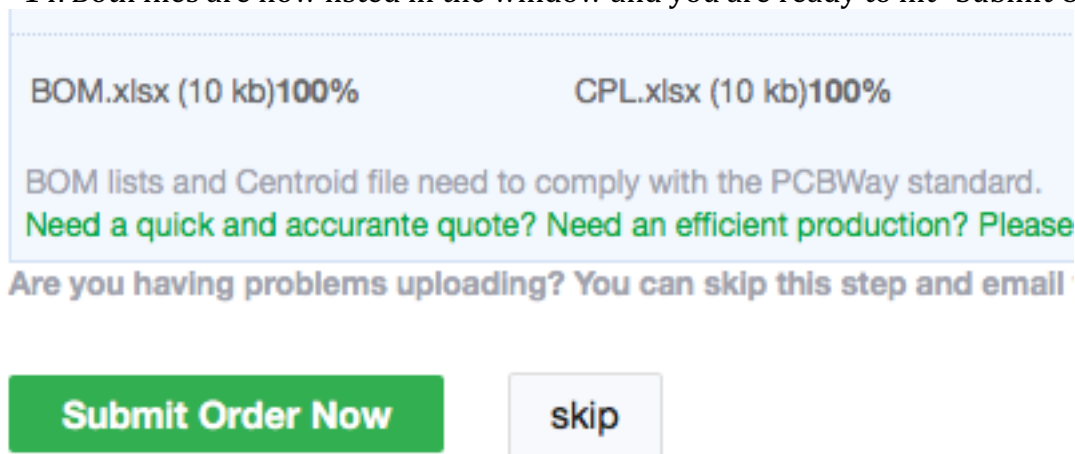


How To Order Assembled PCB's on PCBWay

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