

Image of ac installed on curtains

Ordering:

1. Mechanical:
2. Electronics:
 - a. Decide which one to go with:
 - i. [PCB_BARE_TMC_2209](#) - PCB with bare TMC2209 module
 - ii. [PCB_BTT_TMC_2209](#) - PCB with [Bigtree tech TMC2209 module](#)

1. Mechanical:

2. Electronics:

Preparing for assembly:

1. 3D print all the parts
Images of every part with number or id of every part to reference in later stages
2. Burn esp32, Assemble PCB
2. Prepare bigtreetech module - 3rd Pin Solder
3. Prepare motor - solder ends

Assembly

1. Install PCB on bigger part
image
2. Install motor + pulley + belt
image
3. Install covers
image

Install on wall

1. Install thread on the ac
image
2. Stick on wall using double sided tape
image
3. Connect to adapter 12V/2A (link)

Setup

1. Start with reset mode
image
2. Connect to wifi and open webpage
Wifi Id, password and IP
image
3. Fill in required blanks (name to appear on alexa)
image
4. Calibration explain

video

5. Button usage

6. Alexa discovery

7. OTA mode explain, how to upload code: image

8. How to reset