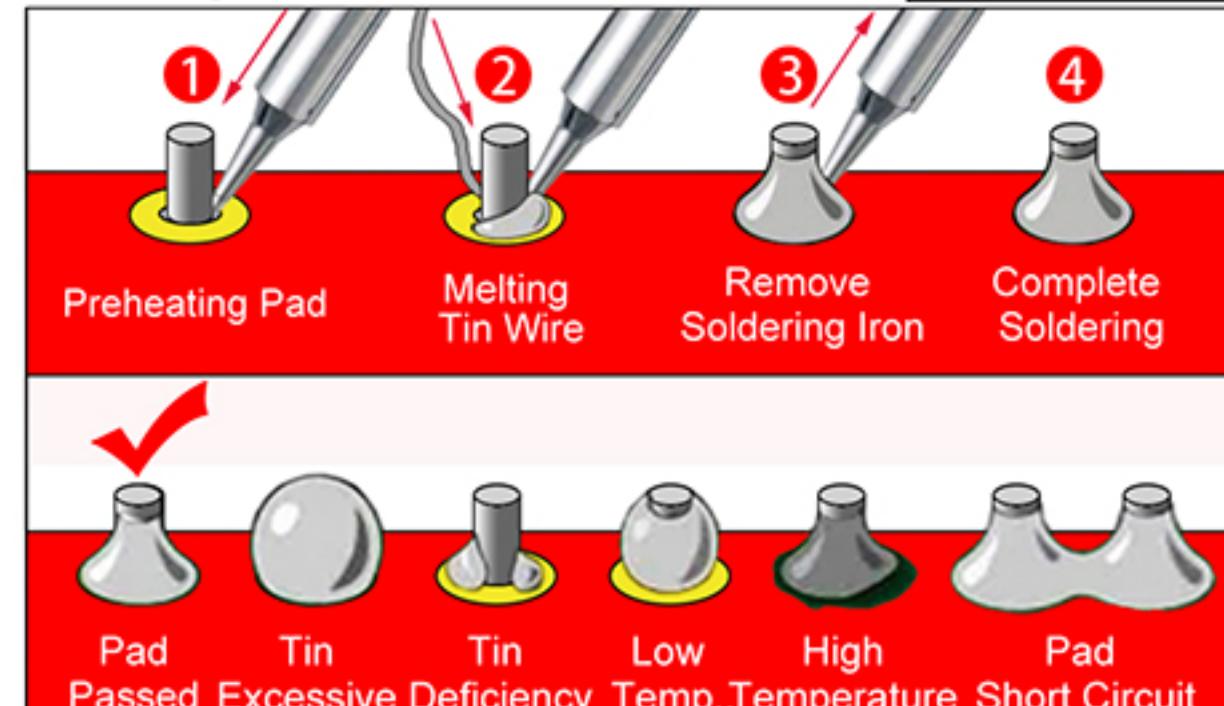


# CAI-269-LED FM Radio

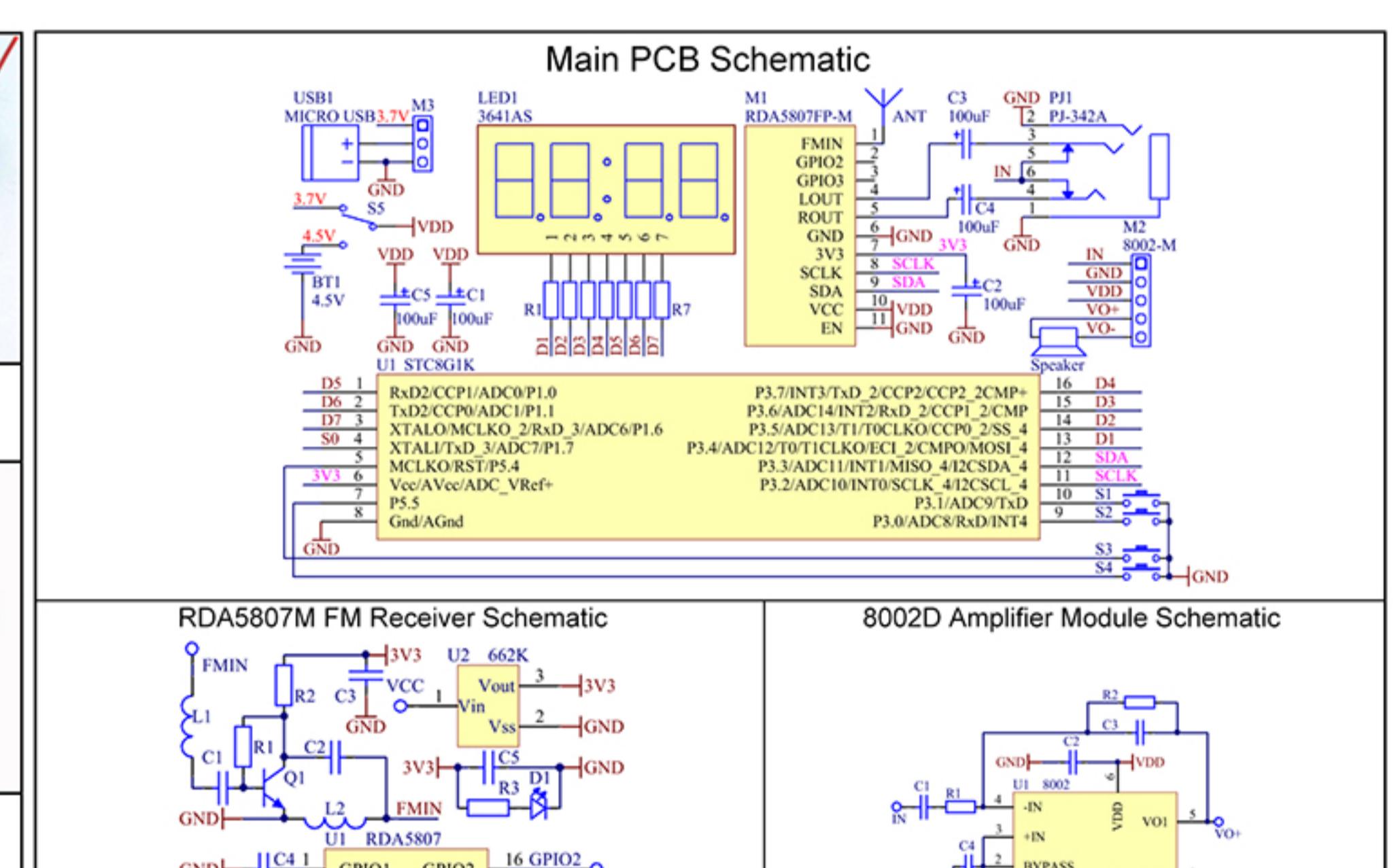
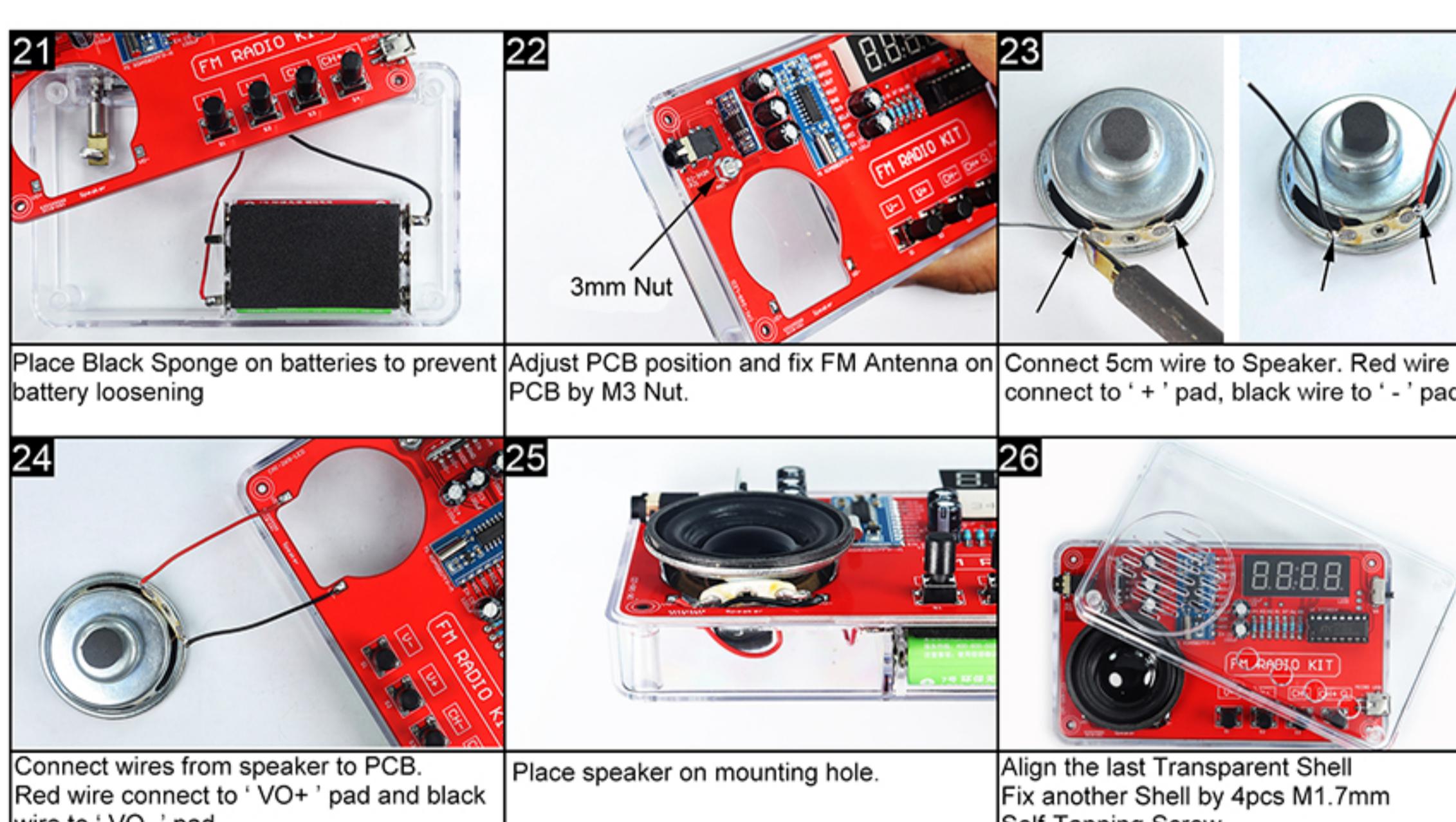
## LED-Ver

### Soldering Method:



### Component Listing:

47Ω Resistor x7	0.36in 4Bit LED Digital Tube x1
100uF Electrolytic capacitor x5	
Button Cap x4	6*10 Button x4
32768Hz Oscillator x1	AUX Socket x1
STC8G1K17 MCU x1	Sponge x1
16Pin IC Socket x1	8002 Amplifier x1
Switch x1	Speaker x1
MICRO USB Socket x1	PCB Circuit Board x1
Battery Metal Connector x4	
1.7mm Self-tapping Screw x4	
3mm Screw x1	Transparent Top Case x1
3mm Nut x1	
Long Wire (10cm) x2	
Short Wire (5cm) x2	
FM Radio Antenna x1	Transparent Bottom Case x1



### Parameters :

1. Work Voltage:DC 4.5V
2. Output power:3W
3. Output channel:Mono
4. Sensitivity:<10uV
5. Signal to Noise Ratio:>60dB
6. Receiver Frequency:76.0MHz~108.0MHz
7. Response Frequency:150Hz~20KHz
8. Frequency Accuracy:0.1MHz
9. Size(Installed):115\*70\*28mm

### Note:

1. Power ON/OFF : Turn ON by select switch to the UP position.
2. Search Stations : Keep press ' CH+' button 2-3 second and then release to search and save FM radio stations automatically  
Note : save at P01, P02 ... and so on in turns.
3. Switch FM Stations : Press ' CH-' button to select the previous station and press ' CH+' button to the next station. LED screen display its work frequency.
4. Adjust Volume : Press ' V-' butont to decrease playing volume and press ' V+' button to increase playing volume from L00 to L16. Note: L00 is mute. L01-L16 means the volume increases gradually. Maximum volume at L16.
5. Headphone : Headphone can be inserted into 3.5mm AUX audio socket.  
Note: Speaker can not play music if connect headphone. and the headphone is not included in package!
6. Pull out FM antenna and switch antenna direction when search stations and playing.
7. Micro USB is not available, it can not get work voltage from USB.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception,

which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

