

UNIT-1 assembly

18 PTC UN600 200
[Not orientation specific]

Mark on PCB

How to set

■ PTC101
■ PTC201

19 IC MIC29302

Heat sink

Thermal pad (Gray)

Binding screw M3x6

① Spread out the leads a little for easier insertion to the PCB holes.

② Fix it to the heat sink with the screw.

■ U103
■ U203
■ U302

Mark on PCB

How to set

Attach it closely to the PCB.

Solder the pin of the heatsink as well.

20 Electrolytic capacitor

Caution! Check the ORIENTATION

The side with a mark is -.

The side with longer lead is +.

Mark on PCB

How to set

100µF (16V low ESR) ■ C102 ■ C202	10µF (450V) ■ C106 ■ C206 ■ C107 ■ C207 ■ C110 ■ C210 ■ C115 ■ C215 ■ C301 ■ C302 ■ C303
1000µF (6.3V low ESR) ■ C109 ■ C209 ■ C113 ■ C213	33µF (450V) ■ C108 ■ C208
47µF (25V) ■ C105 ■ C205 ■ C111 ■ C211 ■ C112 ■ C212 ■ C304	4700µF (16V) ■ C117 ■ C217 ■ C118 ■ C218 ■ C305
	100µF (450V) ■ C116 ■ C216

21 Polypropylene film capacitor
[Not orientation specific]

0.33µF (63V) (Ivory, indicated as .33)
■ C101 ■ C201
■ C114 ■ C214

0.1µF (450V) (Black, indicated as 104)
■ C103 ■ C203
■ C104 ■ C204

Mark on PCB

How to set

22 3-pole phone jack

■ JACK3

Mark on PCB

Attach 4 protrusions closely to the PCB.

How to set

23 Pin jack (RCA jack)

■ JACK1 White
■ JACK2 Red

Mark on PCB

How to set

Attach it closely to the PCB.

24 Toggle switch 6-pin

■ SW301

The leads may be bent. Adjust them with long-nose pliers to match PCB holes before soldering.

Mark on PCB

How to set

Attach it closely to the PCB.

The nut is to be used in a later stage.

Solder this front pin as well.

Caution! Check the SIDE Mount 25 - 32 on SIDE-B of UNIT-1.

25 Pin header 2x2-pin

Caution! Check the ORIENTATION (Top-bottom orientation)

■ JP101
■ JP201
■ JP301

Either direction is OK.

Mark on PCB

How to set

26 Jumper socket Single

Insert the socket to the pin header attached in Step 25. (No soldering)

Select the headphone volume level and pilot LED according to your preference.
[JP101, 201]
Headphone volume level (4 levels)
Set to "2" for now.
[JP301]
Pilot LED color (Blue or Green)

■ JP101
■ JP201
■ JP301

27 Pin header 1x6-pin

Caution! Check the ORIENTATION (Top-bottom orientation)

■ CN302

Mark on PCB

How to set

Make sure it is fully seated and level on the PCB before soldering.

