

IMPORTANT NOTE: These instructions are part of the DIY kit you purchased. They may not be passed on or published without my prior permission!

Instruction supply print CD104 SOLIDCOREAUDIO

Caution: You work on parts of the device that are under mains voltage during operation. If you are not absolutely shure what you are doing: leave it!!!

Steps for building the supply print

- a) Preparing the chassis
- b) Mounting IEC jack and soldering protective earth
- c) Mounting mains transformer, fuse print and mains switch
- d) Soldering supply print 1 1
- e) Mounting supply print and soldering 2
- f) Testing supply print

The following is included in the DIY kit:

Bauteil	Stückzahl	aus der alten Platine
Platine	1	
MC7805		1
MC7812		1
MC7906		1
MC7906		1
MC7918		1
MC7924		1
BZX79/C3V6		1
BYV26C	11	
MLGO25-22000	1	
MLGO25-10000	1	
Muse 1000 / 50	1	
Fine Gold 3300 / 25	2	
Muse 100 / 50	1	
Silmic 100 / 25	3	
FM 100 / 50		
Wima 0,022 / 400	2	
RN60 / 4k7	1	
Furutech Buchse	1	
Fächerscheibe M3	3	
Fächerscheibe M4	1	
Lötöse M3	1	
Isolierscheibe IC	2	
Isolierscheibe M4	5	
M3x10	3	

You will need the following things:

- clean working space
- good solder iron, middle solder-tip, solder, desolder-pump, third hand
- Cutter
- drills, file tools, saw, optionally M3-threadcutter

a) Preparing the chassis

Disassemble the chassis COMPLETELY. Also the rubbers of the drive so there may not hide any residues from your work. First you will cut a hole for the IEC-jack. Use the old cutout as lower left edge (seen from outside) and draw with a pencil the required cutout of 27 x 19mm.

For cutting out I drill two holes upper left and right and saw a coarsly hole opening. Now work with an adequate file to the drawn lines. Be careful not to slip off the chassis.

Consider that two edges on the IEC-jack are round. I let these round edges face towards outside, thus the pin for the phase will be top.

Now insert the jack and mark the two holes for the M3-screws. If you work exactly you can directly cut the M3-thread and thus you won't need a counter bolt (core hole diameter is 2.5mm)



mountet IEC-jack