X20
4mm_terminal

X18
4mm_terminal

X41
con_rca_amphenol_acjd

X42
con_rca_amphenol_acjd

X17
4mm_terminal

X19
4mm_terminal

HEATSINK
Max 0.6°C/W

HEATSINK
Max 0.6°C/W

PCB18
panterri_ps140tiny

6.3AT PLUS GND MINUS PLUS GND MINUS 6.3AT

SA140TINY
panterri_sa140tiny
PCB21

MINUS GND OUTP OUTM

GND /MUTE

BIAS SIGNAL

PLUS

SA140TINY
panterri_sa140tiny
PCB20

SIGNAL BIAS

/MUTE GND

OUTM OUTP GND MINUS

PLUS

AC1A AC1B AC2A AC2B

PS140TINY

SA140DIY – STAGE 1

SA140DIY amplifier without soft starter
and power off muting (possible POP sound
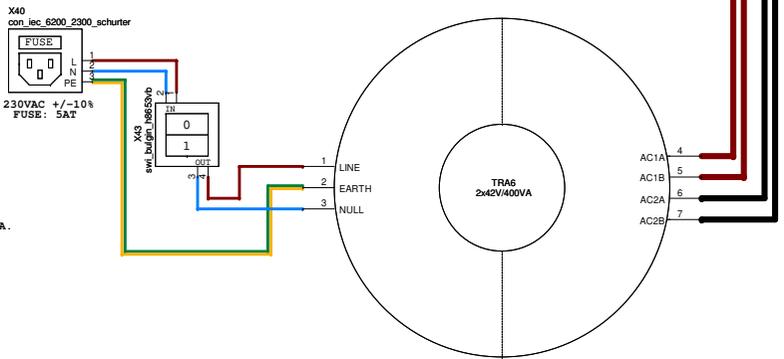when power off). Stereo RCA input.

PCB used:

1 x PS140TINY – power supply.
2 x SA140TINY – power amplifier.

LED used:

1 x Everlight EL1254-10SYGD/S5 GREEN.

TRANSFORMER:

1 x Toroidy Supreme Audio Grade 2x42V/400VA.

X40
con_iec_6200_2300_schurter

FUSE

L
N
PE

230VAC +/-10%
FUSE: 5AT

X43
swi_bulgin_M8E5Svb

0
1

IN

OUT

1 LINE
2 EARTH
3 NULL

TRA6
2x42V/400VA

AC1A 4
AC1B 5
AC2A 6
AC2B 7

SA140DIY CONNECTIONS – STAGE 1

Title
PANTERRI AUDIO

Size: Custom
Document Number: THOMAS LARSEN - PANTERRI AUDIO, TL20200110
Rev: A

Date: Wednesday, January 15, 2020   Sheet 1 of 1