

Index

- 2 Block diagram.
- 3 4x mono channels board.
- 4 Stereo channels & master board (part 1 of 3) "stereo channels".
- 5 Stereo channels & master board (part 2 of 3) "supply, aux, dfx".
- 6 Stereo channels & master board (part 3 of 3) "pfl, meter, phones, master".
- 7 2x 150W power amplifier board.
- 8 Mains & transformer circuit - Digital effect dual control board.
- 9 Mono channel board - Half stereo channel board.
- 10 Summing amplifier board - 8led v-meter driver board.
- 11 Stereo output board - Spare Part List.

Amplified Mixing Console

rx 300

service manual
schematic diagrams



Notice

Service must be carried out by qualified personnel only. Any tampering carried out by unqualified personnel during the guarantee period will forfeit the right to guarantee.

For a correct operation of the instrument, after having switched off, be careful to wait at least 3 seconds before switching on again.

To improve the device's specifications, the schematic diagrams may be subject to change without prior notice.

All components marked by this symbol have special safety characteristics, when replacing any of these components use only manufacturer's specified parts.

The (μ) micro symbol of capacitance value is substituted by U.

The (Ω) omega symbol of resistance value is substituted by E.

The electrolytic capacitors are 25Vdc rated voltage unless otherwise specified.

All resistors are 1/8W unless otherwise specified.

All switches shown in the "OFF" position. All DC voltages measured to ground with a voltmeter 20KOhm/V.

← Soldering point.

• Male connector.

○ Female connector.

— M/F faston connector.

↑ Supply voltage.

□ Test point.

◁ Flag joined with one or more flags with the same signal name inscribed.

⏏ Logic supply ground.

⏏ Analog supply ground.

⏏ Chassis ground.

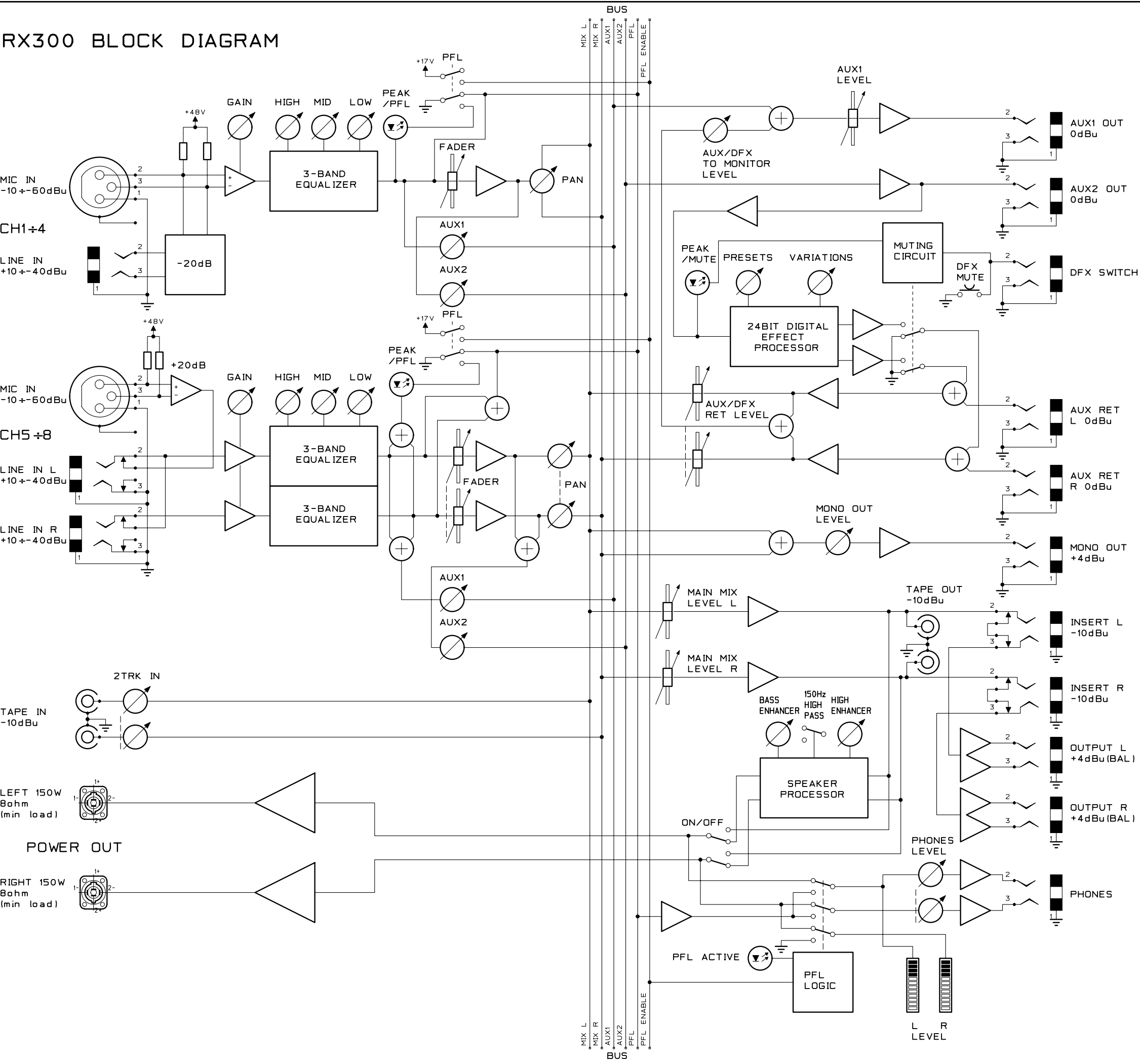
⏏ Earth ground.

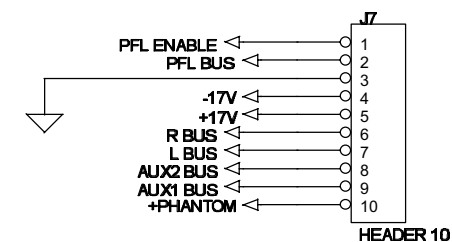
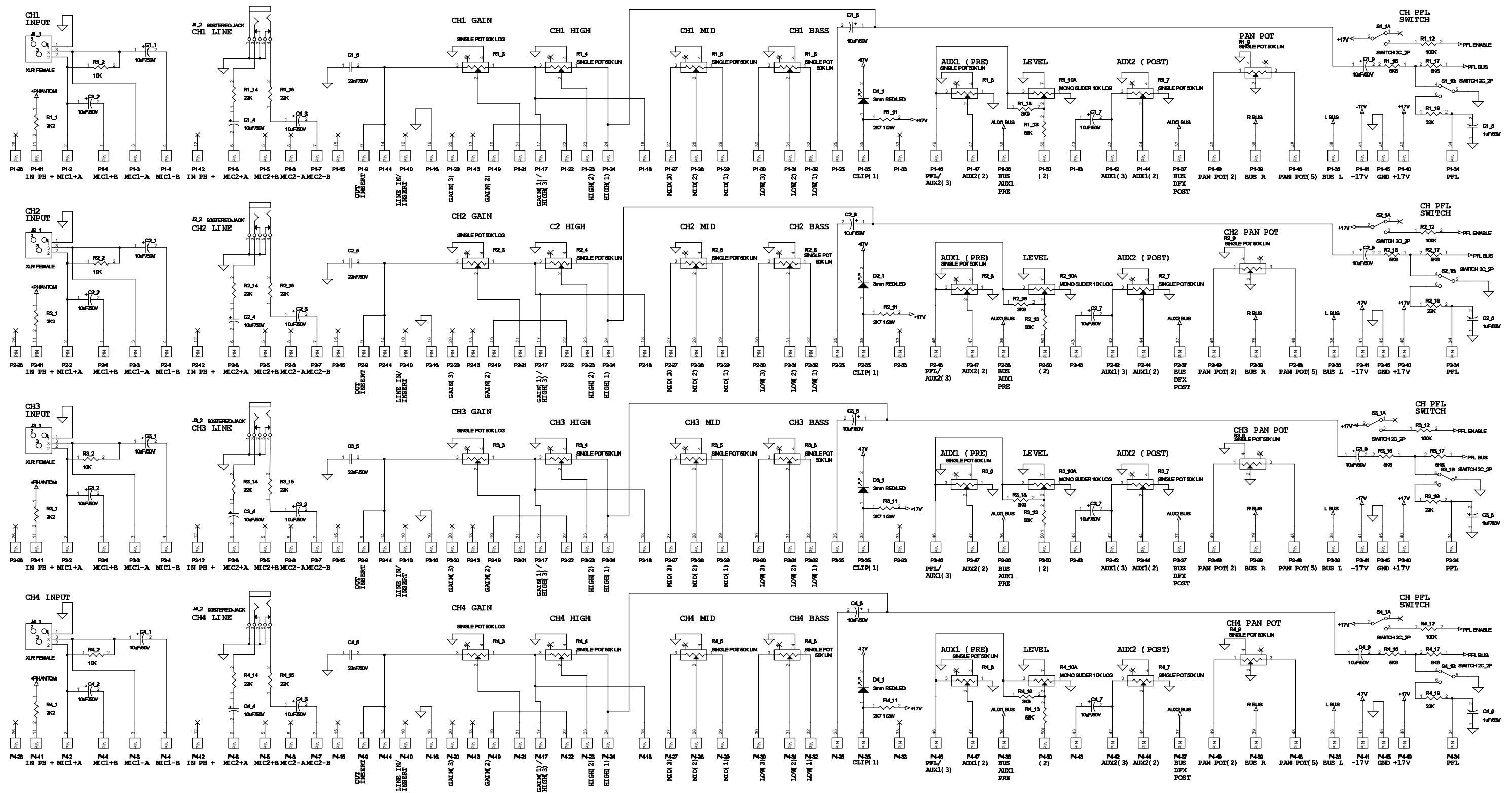


ATTENTION Observe precautions when handling electrostatic sensitive devices.



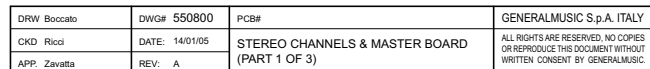
RX300 BLOCK DIAGRAM

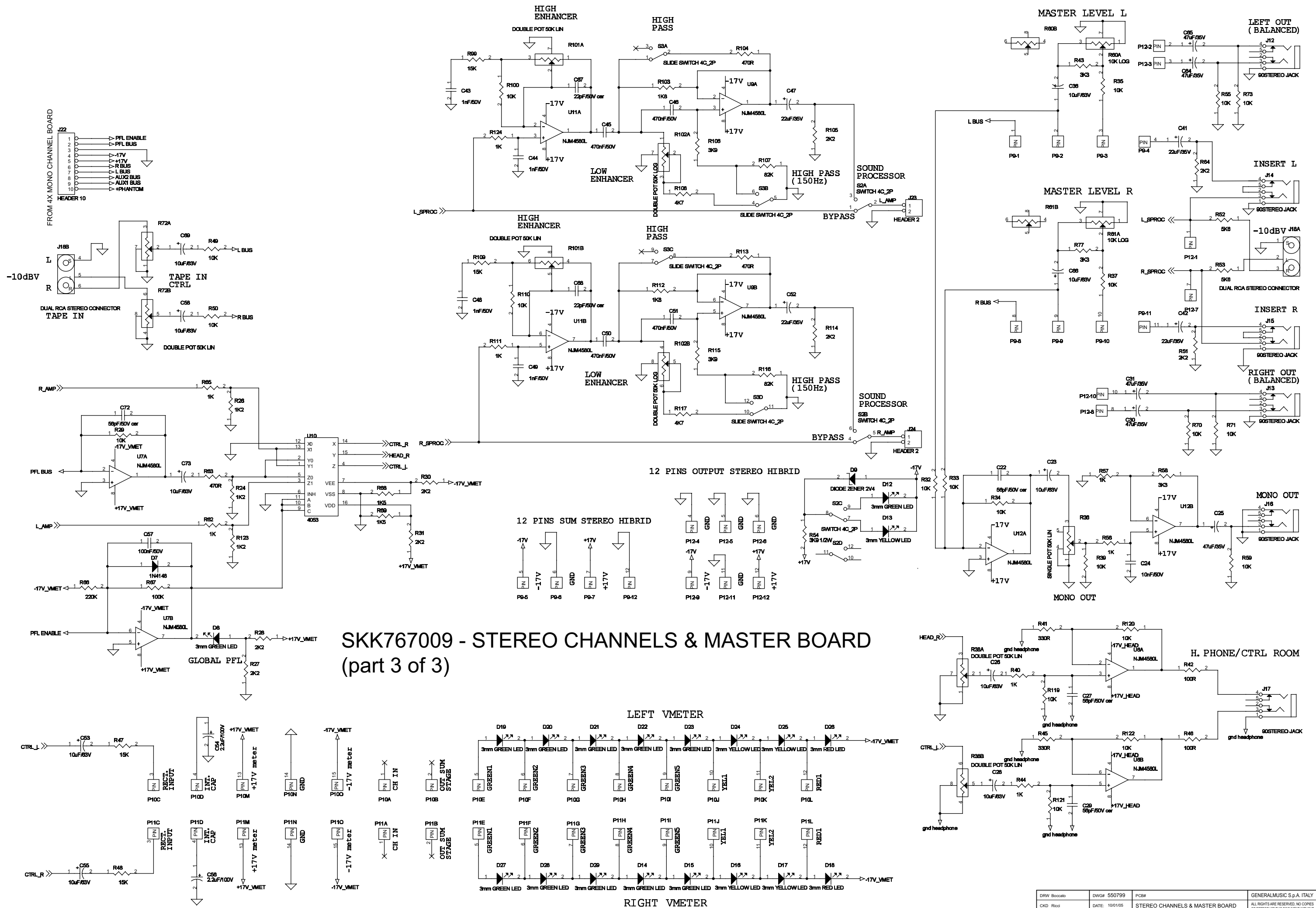


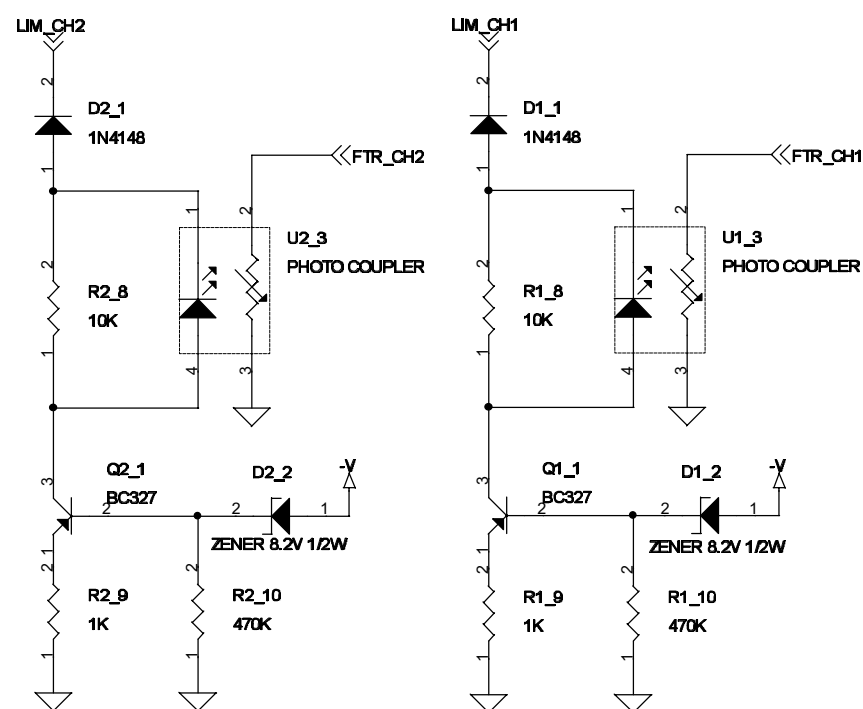
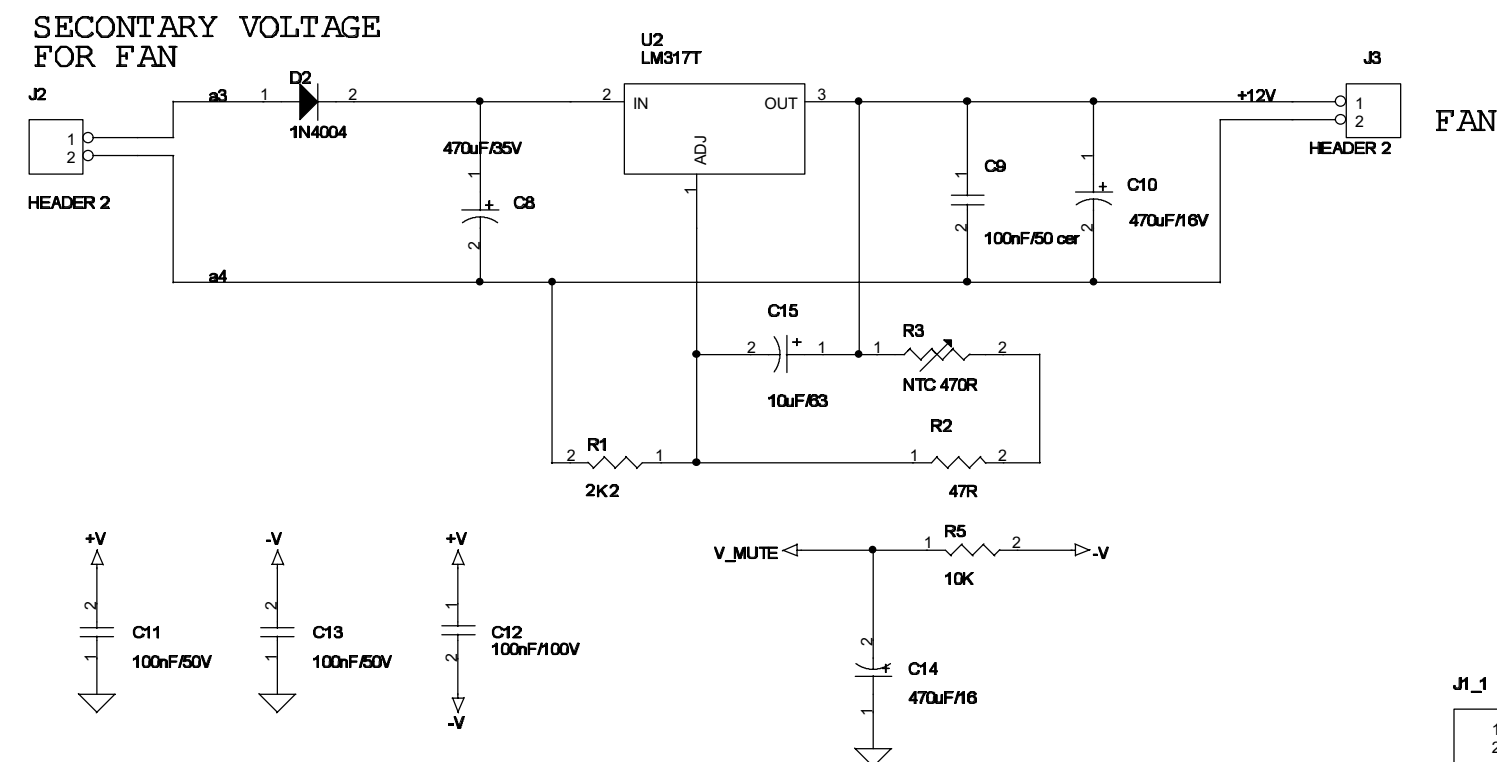
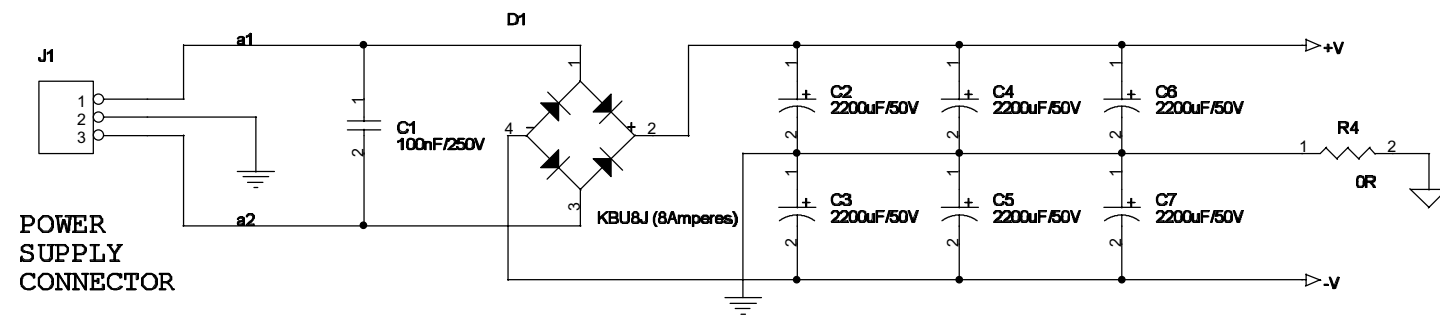


SKK767008 - 4x MONO CHANNELS BOARD

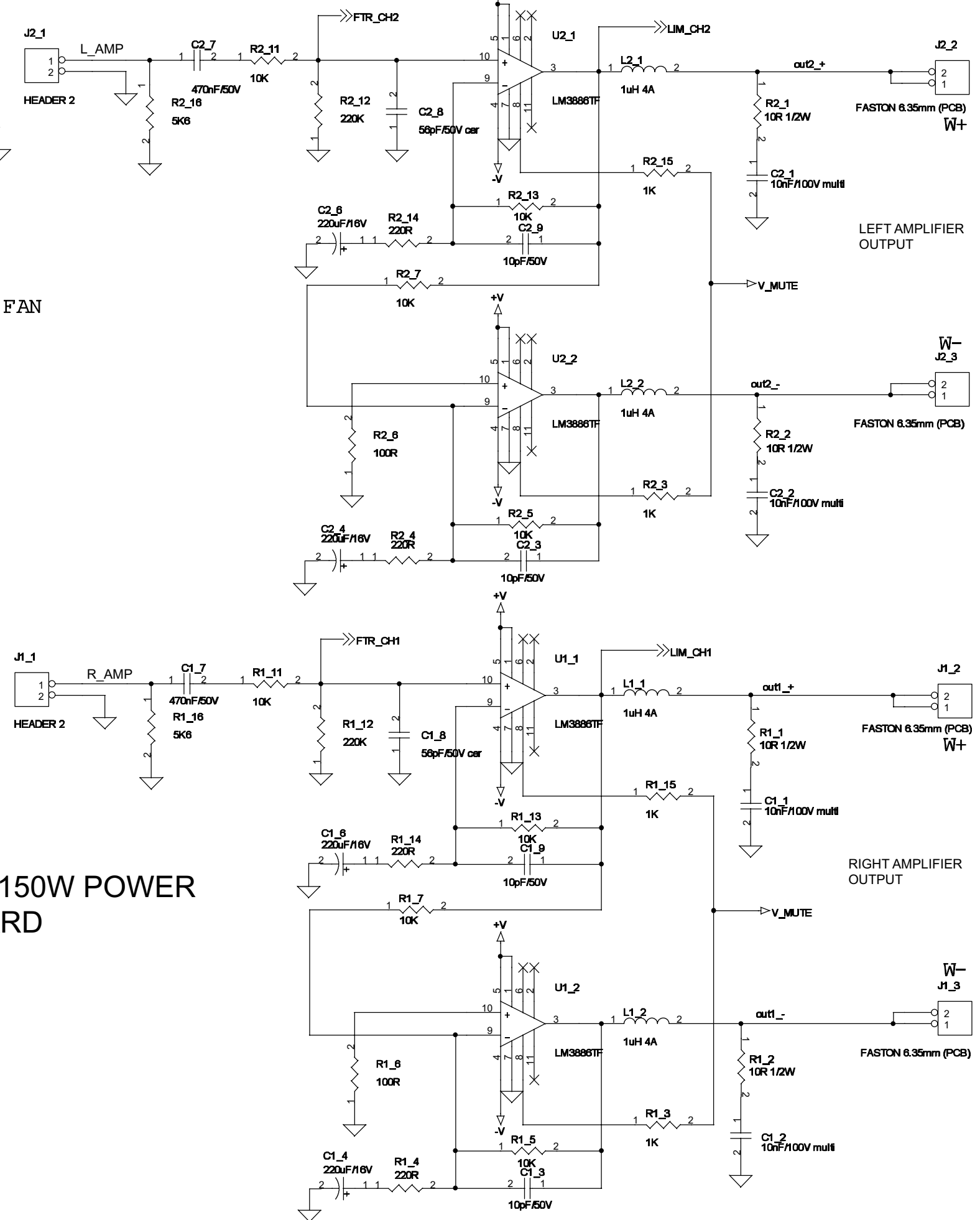
(part 1 of 3)







SKK767010 - 2x 150W POWER AMPLIFIER BOARD



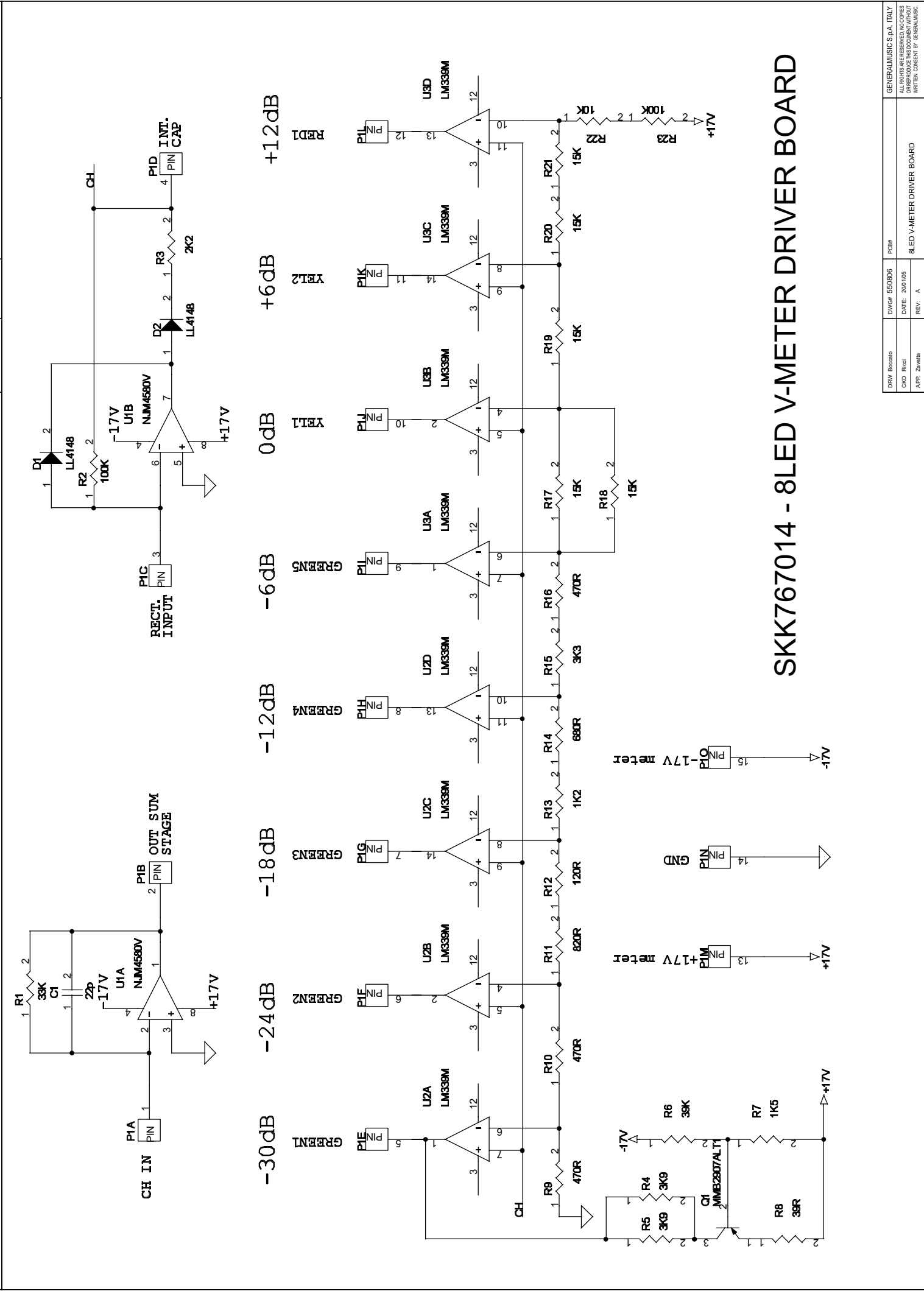
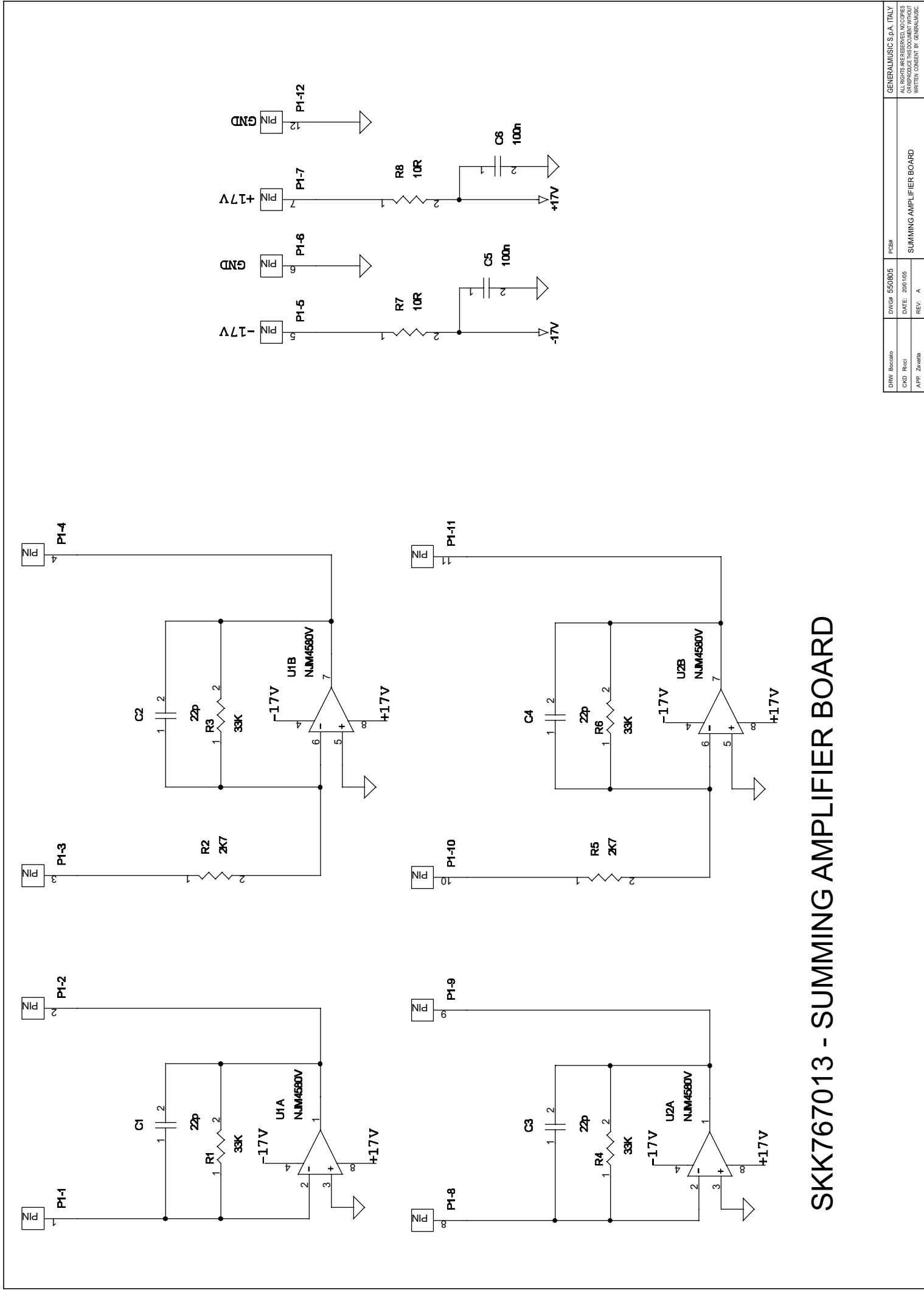
DRW: Boccato	DWG#: 550802	PCB#:	GENERALMUSIC S.p.A. ITALY
CKD: Consorte	DATE: 23/09/98		ALL RIGHTS ARE RESERVED. NO COPIES OR REPRODUCE THIS DOCUMENT WITHOUT WRITTEN CONSENT BY GENERALMUSIC.
APP: Consorte	REV: A	2x 150W POWER AMPLIFIER BOARD	

CHANNEL BOARD



BOARD







Spare Part List

Note:

Each spare part is single quantity unless otherwise specified.

Any request for not above mentioned part must encompass specific description including:

- 1) Model name,
- 2) Section name,
- 3) Module code,
- 4) Reference name,
- 5) Quantity number.

