

X-Altra

MC/MM RIAA Phono EQ Preamplifier

Schematics and Technical Documents

Updated June 2023

Print this document out on A3

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2020

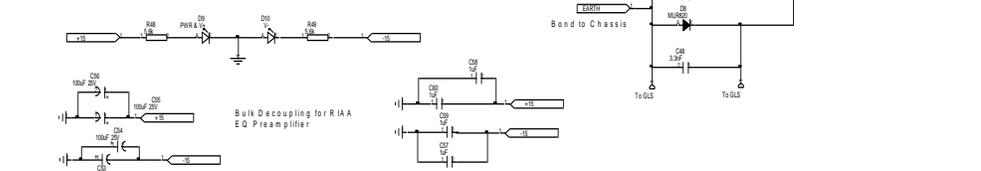
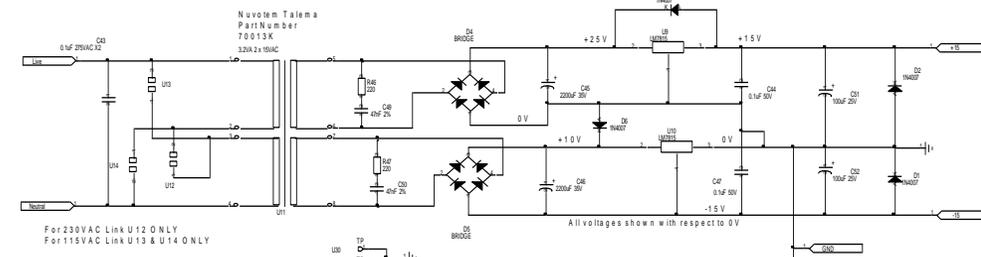
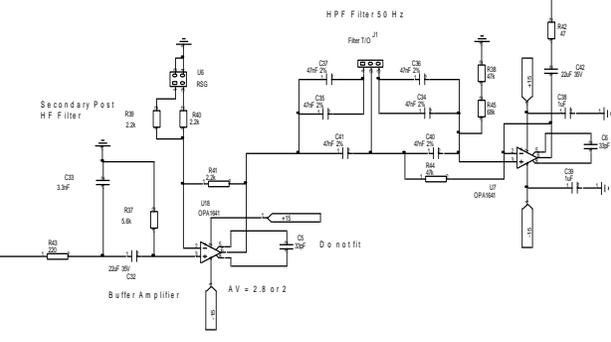
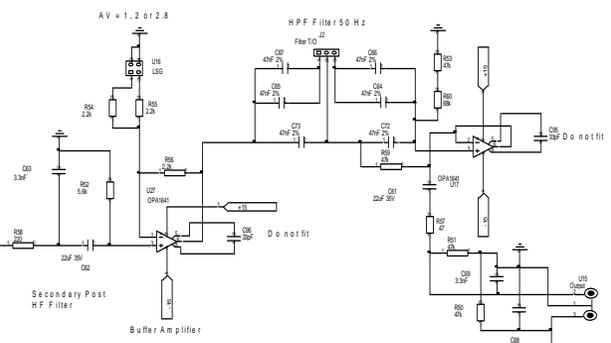
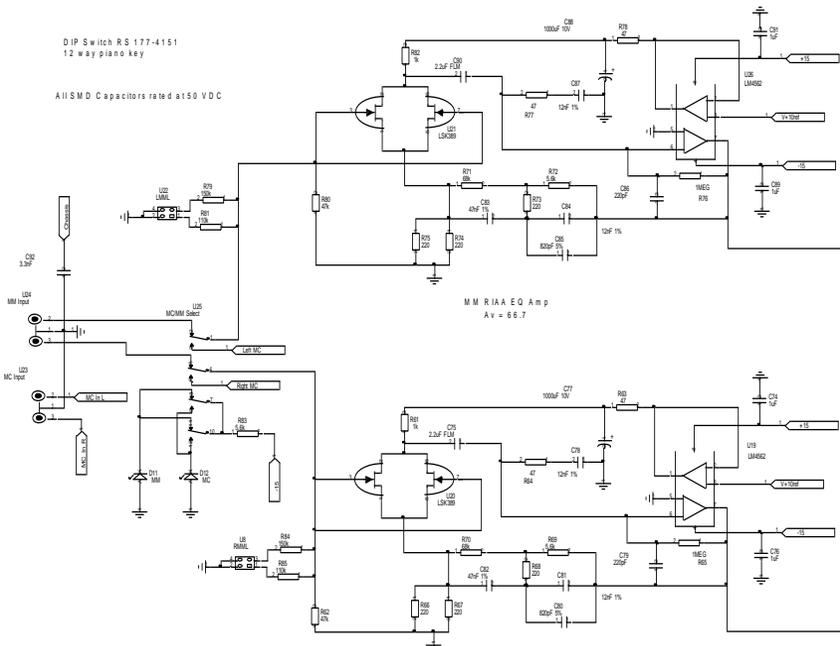
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Strictly for DIY

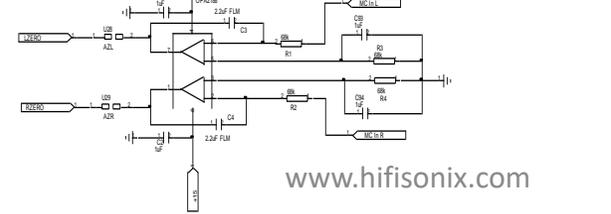
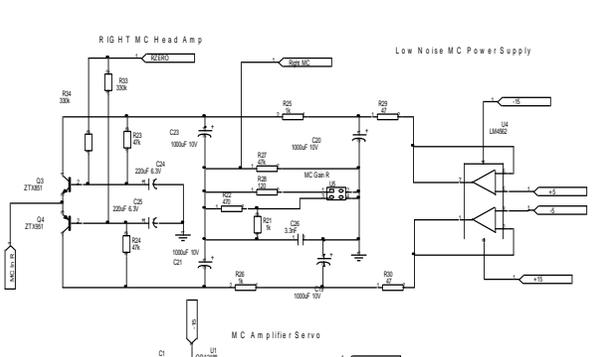
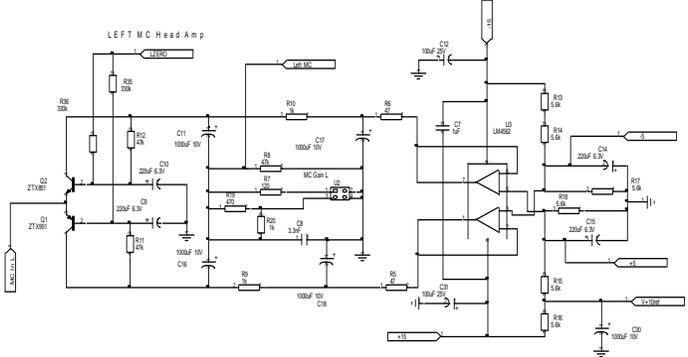
No part of this circuit may be used for commercial purposes
whatsoever without express written permission from the designer

DIP Switch RS 177-4151
12 way piano key

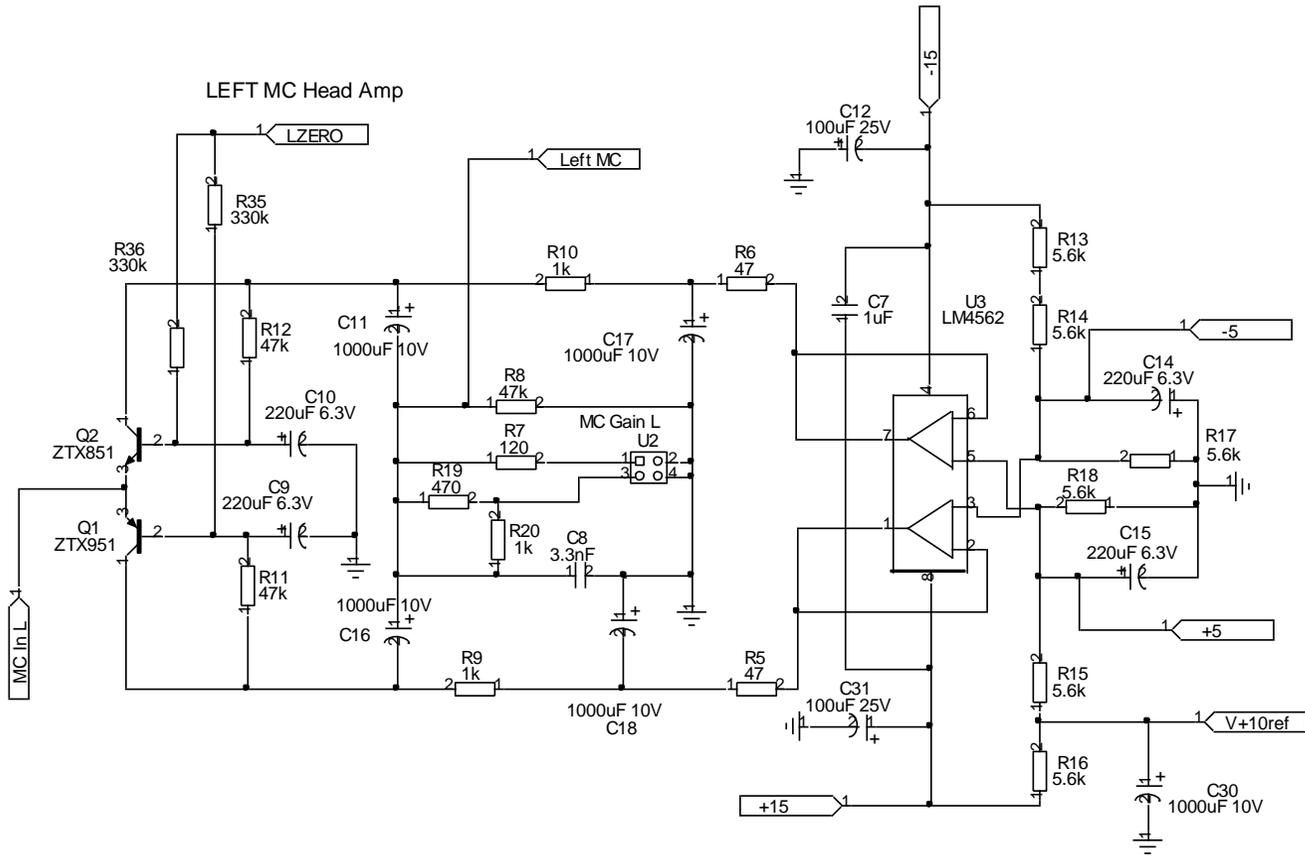
All SMD Capacitors rated at 50 VDC



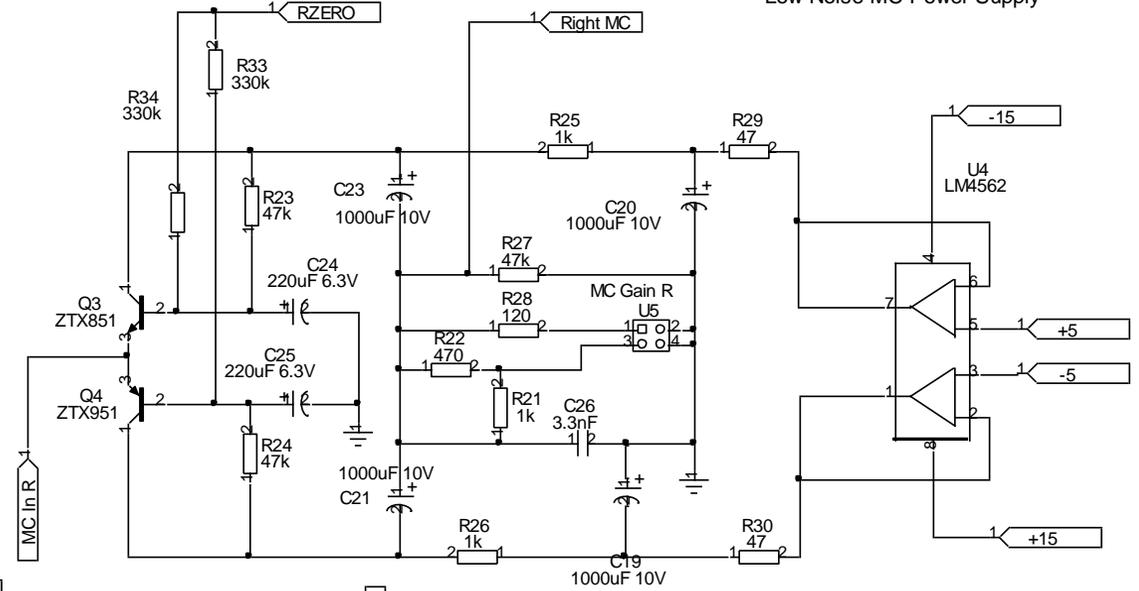
Low Noise MC Power Supply



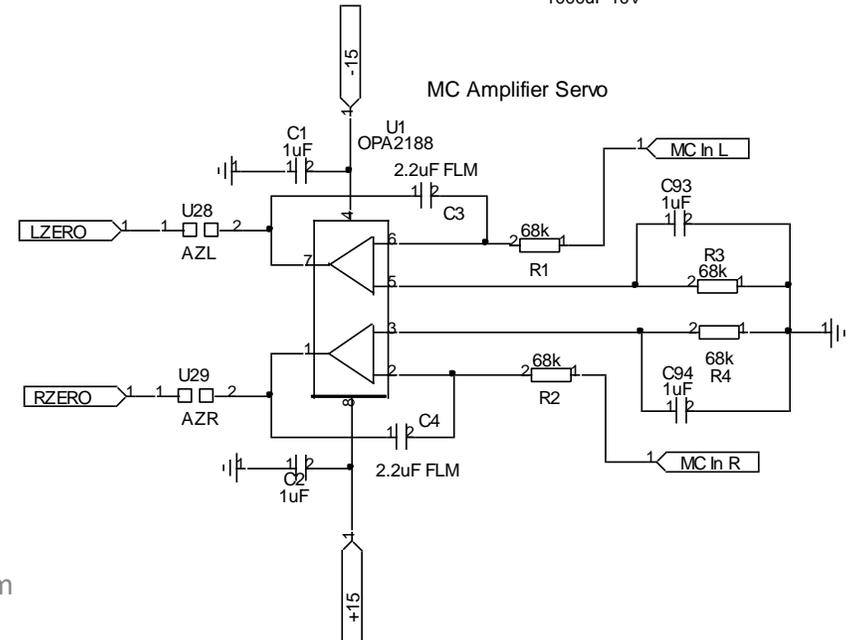
Low Noise MC Power Supply



RIGHT MC Head Amp

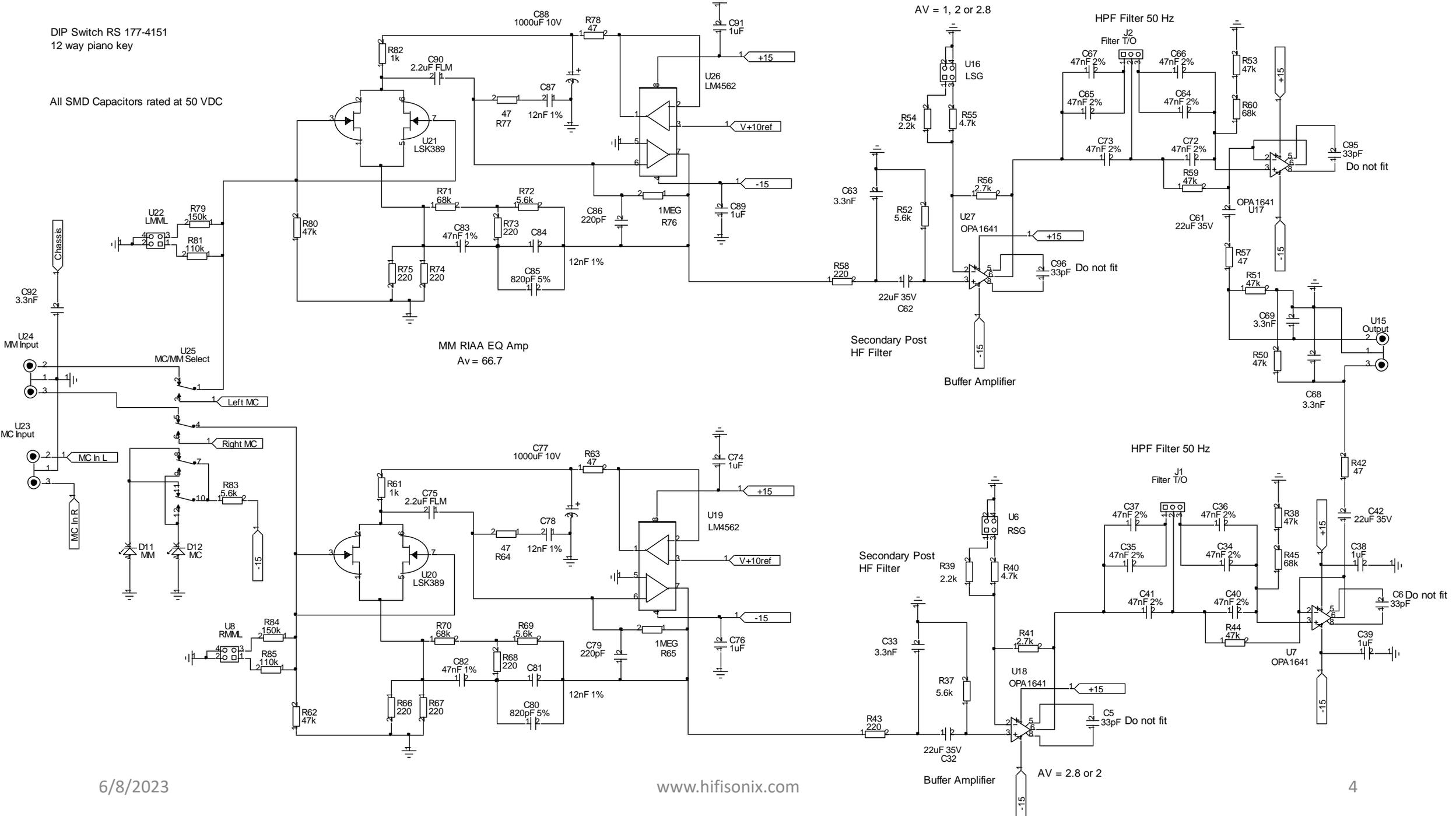


Low Noise MC Power Supply



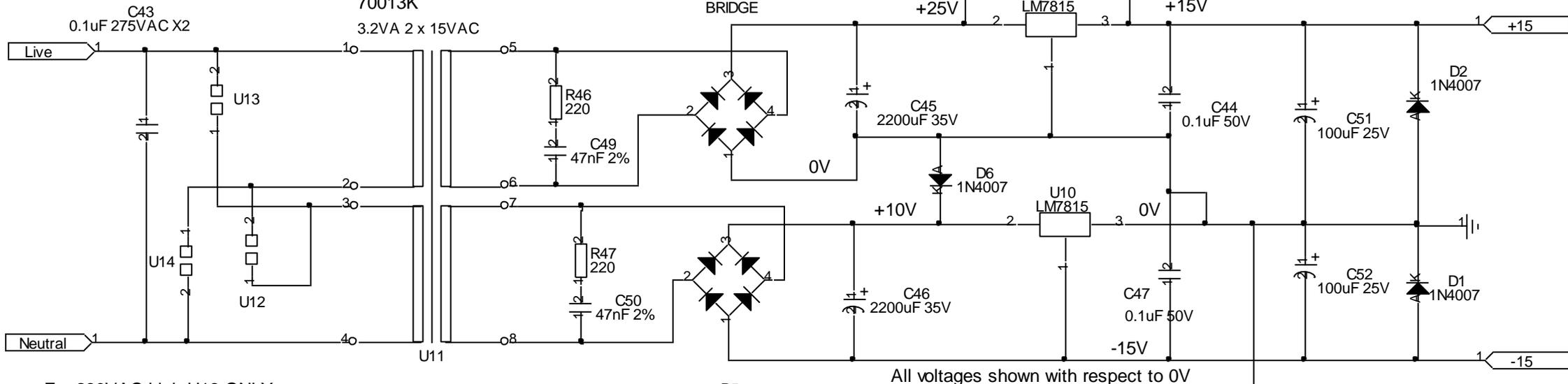
DIP Switch RS 177-4151
12 way piano key

All SMD Capacitors rated at 50 VDC



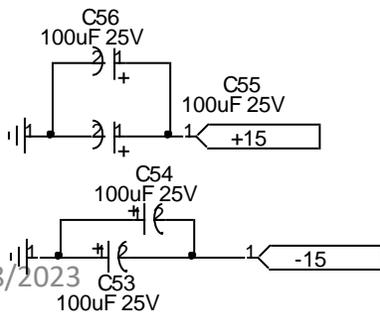
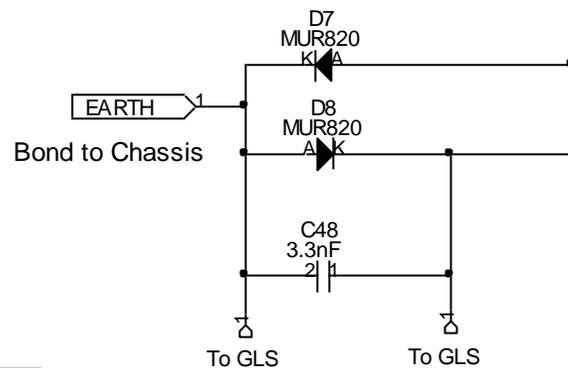
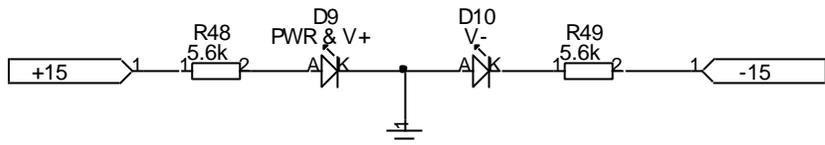
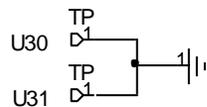
Nuvotem Talema
Part Number
70013K

3.2VA 2 x 15VAC

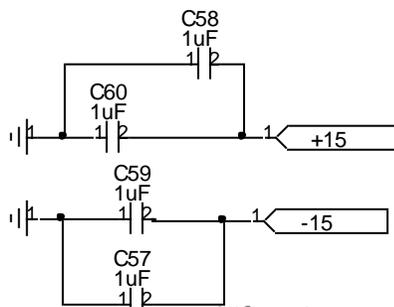


All voltages shown with respect to 0V

For 230VAC Link U12 ONLY
For 115VAC Link U13 & U14 ONLY



Bulk Decoupling for RIAA
EQ Preamp



6/8/2023
C53
100µF 25V

X-Altra MC/MM RIAA Front Panel Drilling

View From Front of Unit

Front Panel is 10mm Thick

