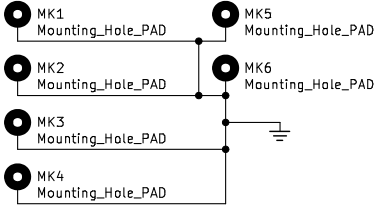


I2C Switchable 8 band 7th-order filter bank based on ARRL QST Article
"Second-Harmonic Optimized Low Pass Filters" by Ed Wetherhold, W3NQN
<https://www.arrl.org/files/file/Technology/tis/info/pdf/9902044.pdf>


Sheet605F7A0C



File: filters.kicad_sch



WA6ZFT

HWSTAR

Cover Sheet

Sheet: /

File: lp_filter_8_bands.kicad_sch

Title: 8 Band HF Low Pass Filter

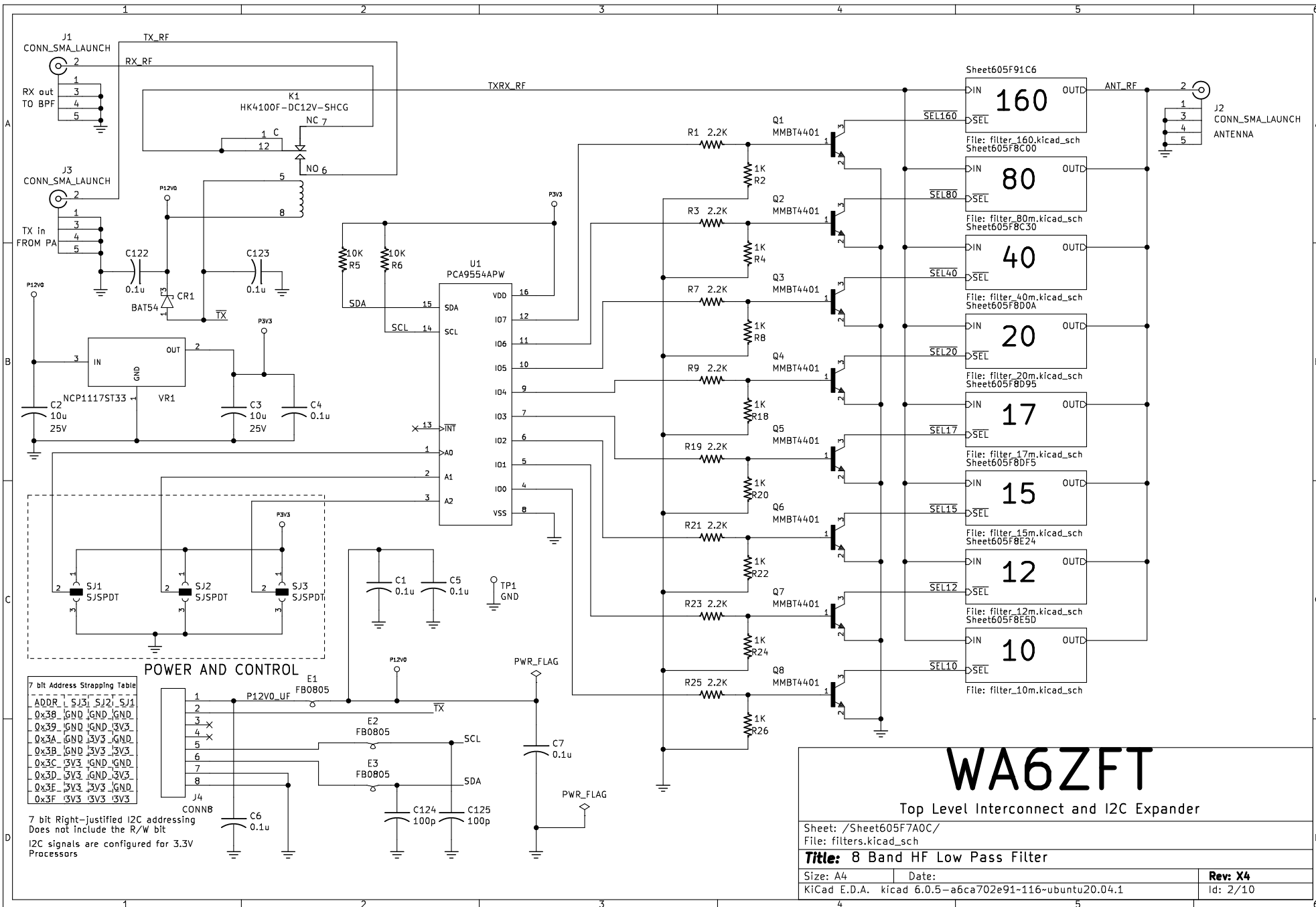
Size: A4

Date:

Rev: X4

KICad E.D.A. kicad 6.0.5-a6ca702e91-116-ubuntu20.04.1

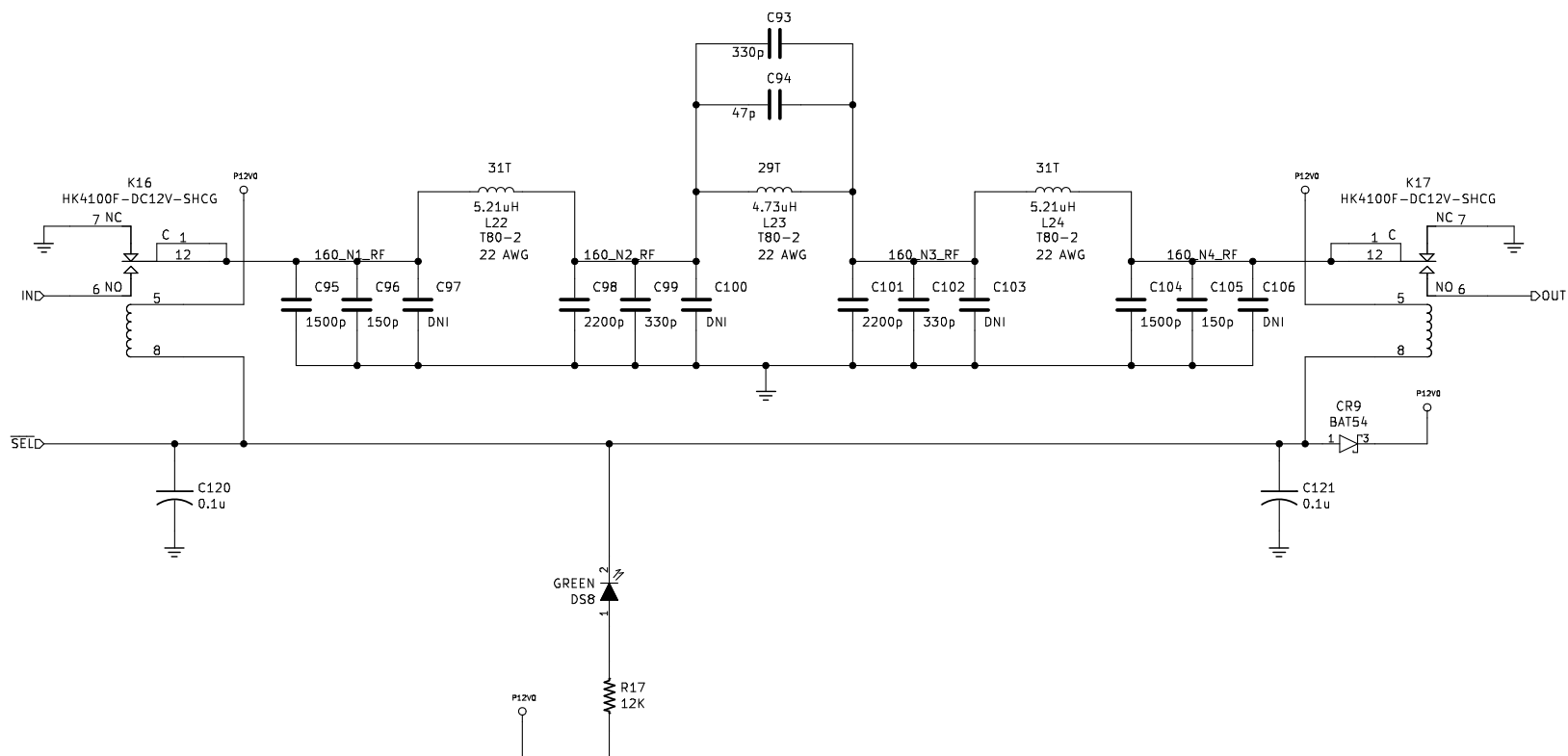
Id: 1/10



WA6ZFT

Top Level Interconnect and I2C Expander

Sheet: /Sheet605F7A0C/ File: filters.kicad_sch		
Title: 8 Band HF Low Pass Filter		
Size: A4	Date:	Rev: X4
KiCad E.D.A. kicad 6.0.5-a6ca702e91-116-ubuntu20.04.1		Id: 2/10



WA6ZFT

160M Low Pass Filter Section

Sheet: /Sheet605F7A0C/Sheet605F91C6/
File: filter_160.kicad_sch

Title: 8 Band HF Low Pass Filter

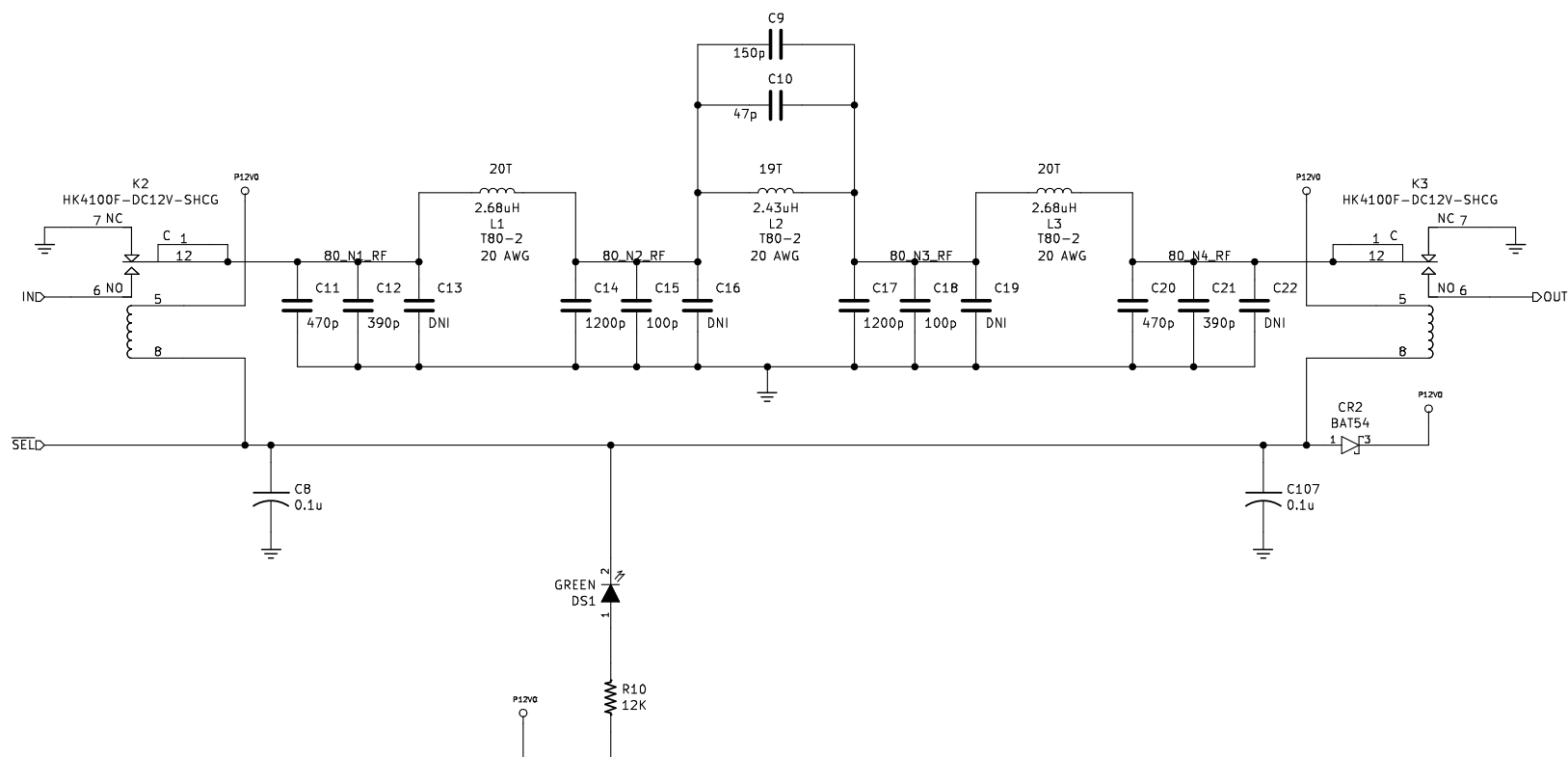
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Date:

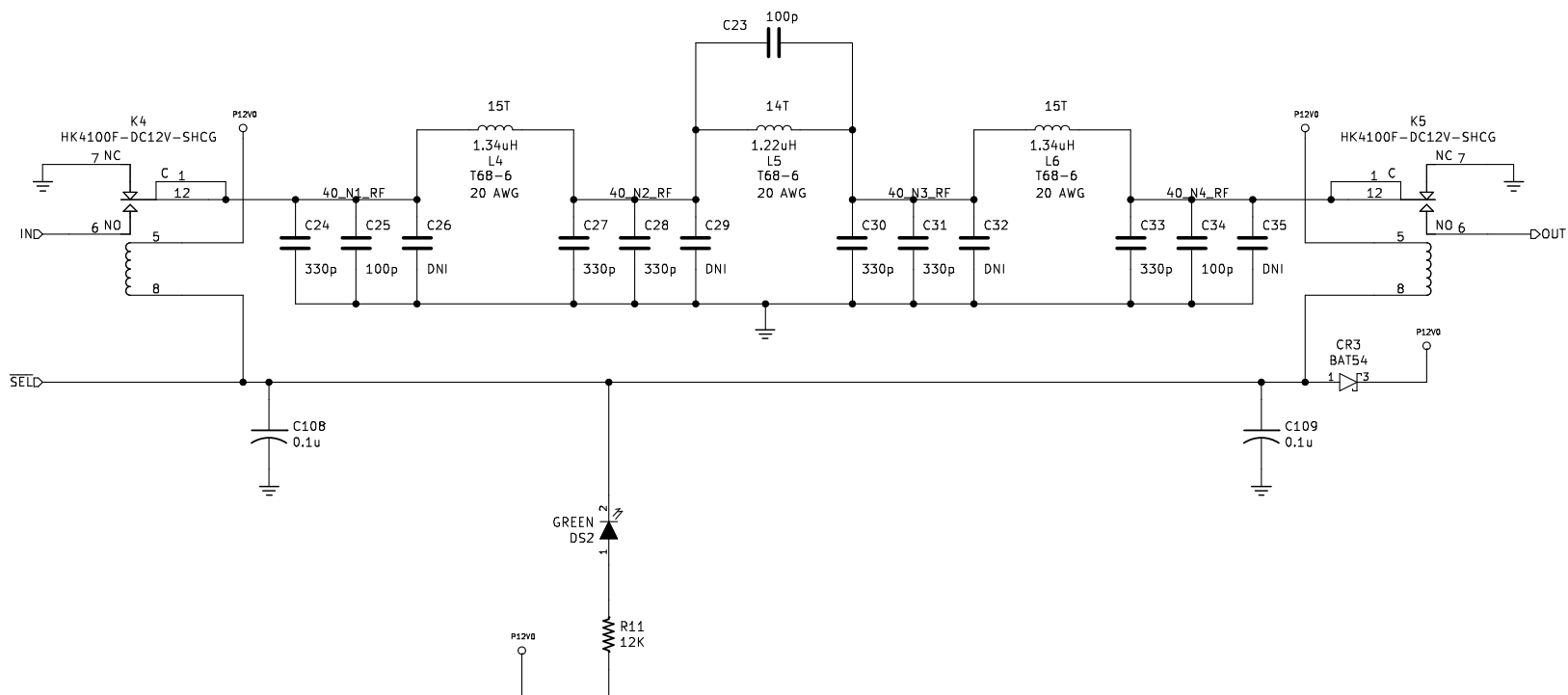
Rev: X4

KICad E.D.A. kicad 6.0.5-a6ca702e91-116-ubuntu20.04.1

Id: 3/10



<h1>WA6ZFT</h1> <h2>80M Low Pass Filter Section</h2>		
Sheet: /Sheet605F7A0C/Sheet605F8C00/ File: filter_80m.kicad_sch		
Title: 8 Band HF Low Pass Filter		
Size: A4	Date:	Rev: X4
KICad E.D.A. kicad 6.0.5-a6ca702e91-116-ubuntu20.04.1		Id: 4/10



WA6ZFT

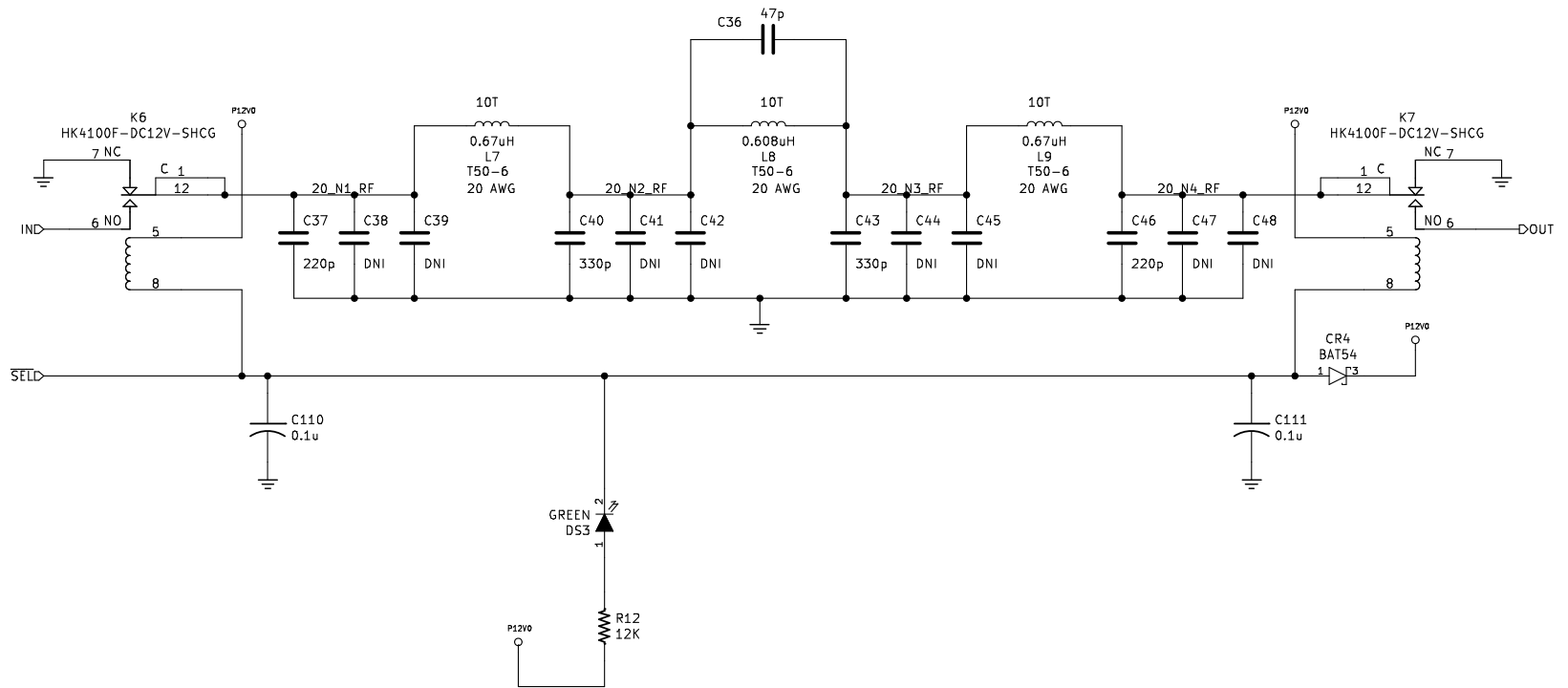
40M Low Pass Filter Section

Sheet: /Sheet605F7A0C/Sheet605F8C30/
File: filter_40m.kicad_sch

Title: 8 Band HF Low Pass Filter

Size: A4 Date: KICad E.D.A. kicad 6.0.5-a6ca702e91-116-ubuntu20.04.1

Rev: X4
Id: 5/10



WA6ZFT

20M Low Pass Filter Section

Sheet: /Sheet605F7A0C/Sheet605F8D0A/
File: filter_20m.kicad_sch

Title: 8 Band HF Low Pass Filter

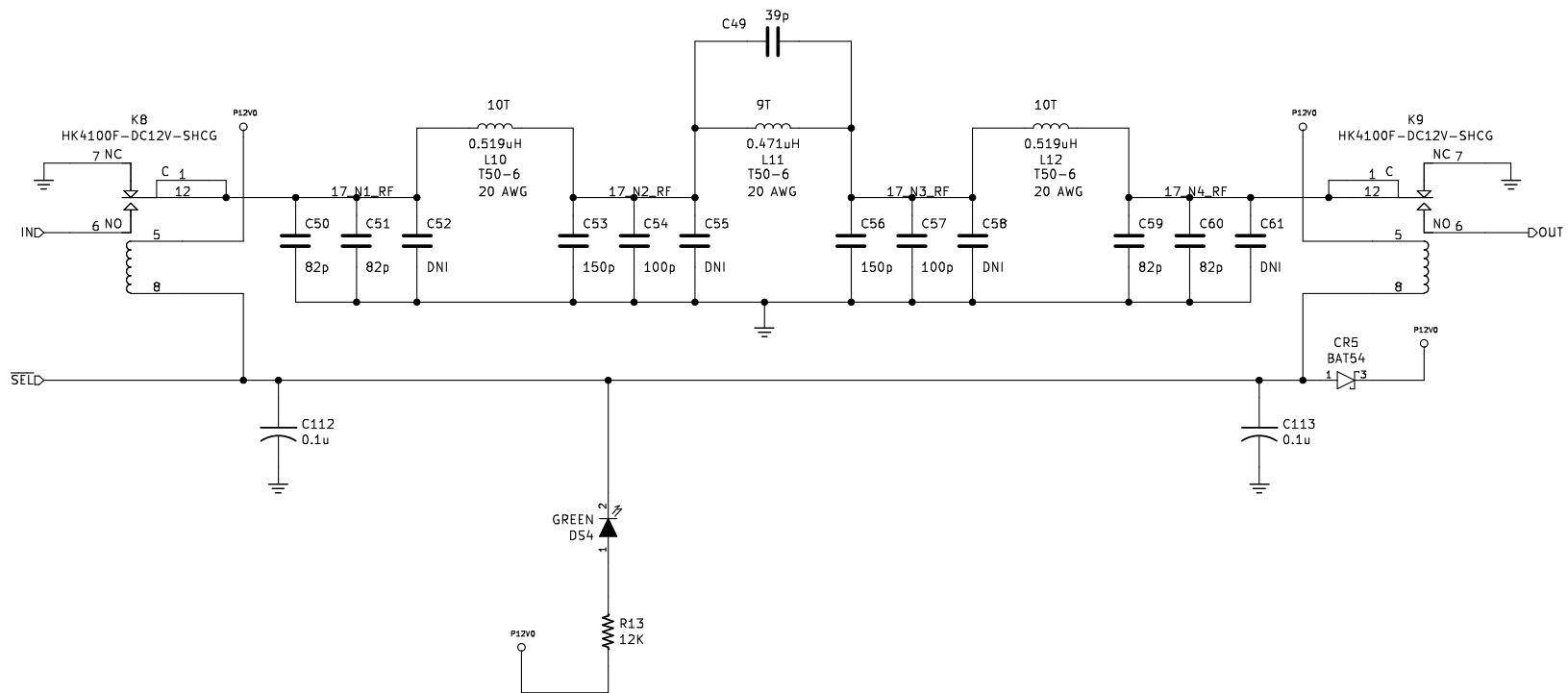
Size: A4

Date:

Rev: X4

KICad E.D.A. kicad 6.0.5-a6ca702e91-116-ubuntu20.04.1

Id: 6/10



WA6ZFT

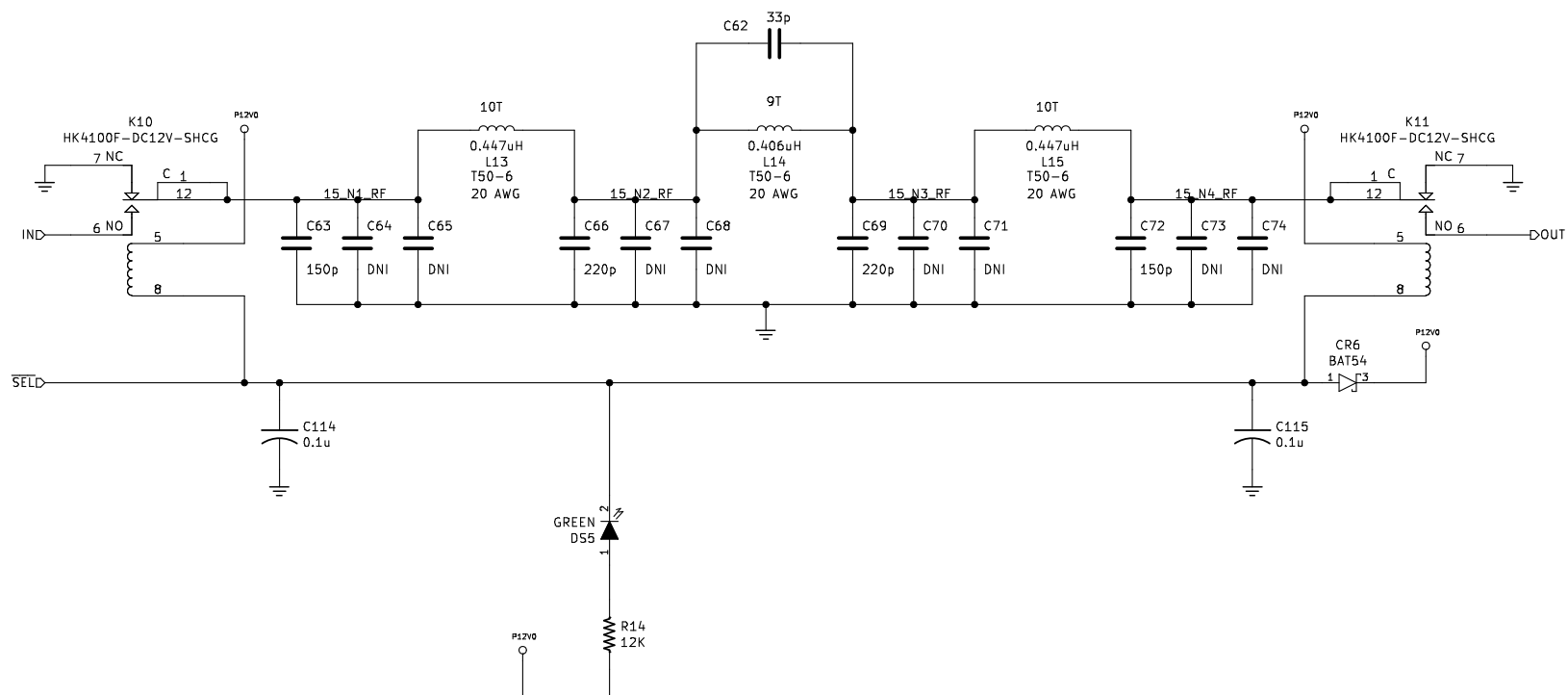
17M Low Pass Filter Section

Sheet: /Sheet605F7A0C/Sheet605F8D95/
File: filter_17m.kicad_sch

Title: 8 Band HF Low Pass Filter

Size: A4	Date:	Rev: X4
KICad E.D.A. kicad 6.0.5-a6ca702e91-116-ubuntu20.04.1		Id: 7/10

15M



WA6ZFT

15M Low Pass Filter Section

Sheet: /Sheet605F7A0C/Sheet605F8DF5/
File: filter_15m.kicad_sch

Title: 8 Band HF Low Pass Filter

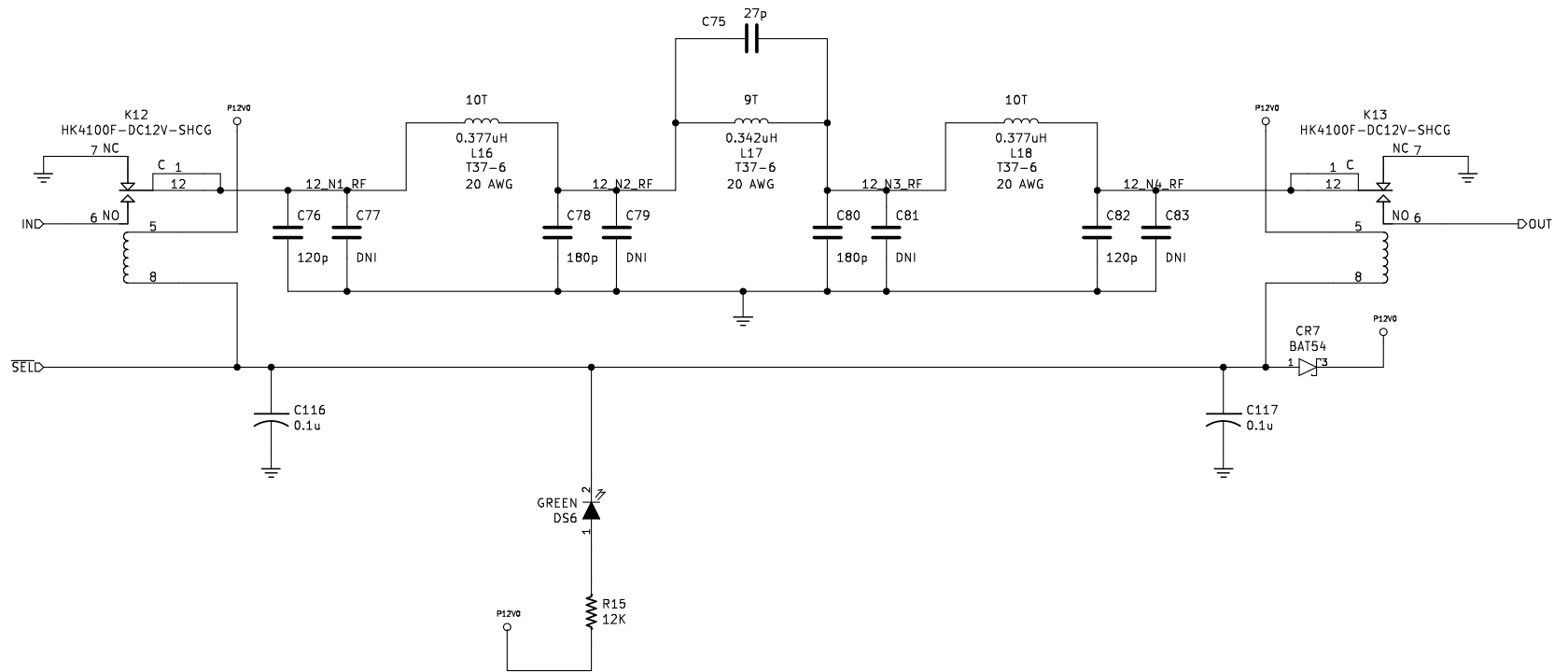
Size: A4

Date:

Rev: X4

KICad E.D.A. kicad 6.0.5-a6ca702e91-116-ubuntu20.04.1

Id: 8/10



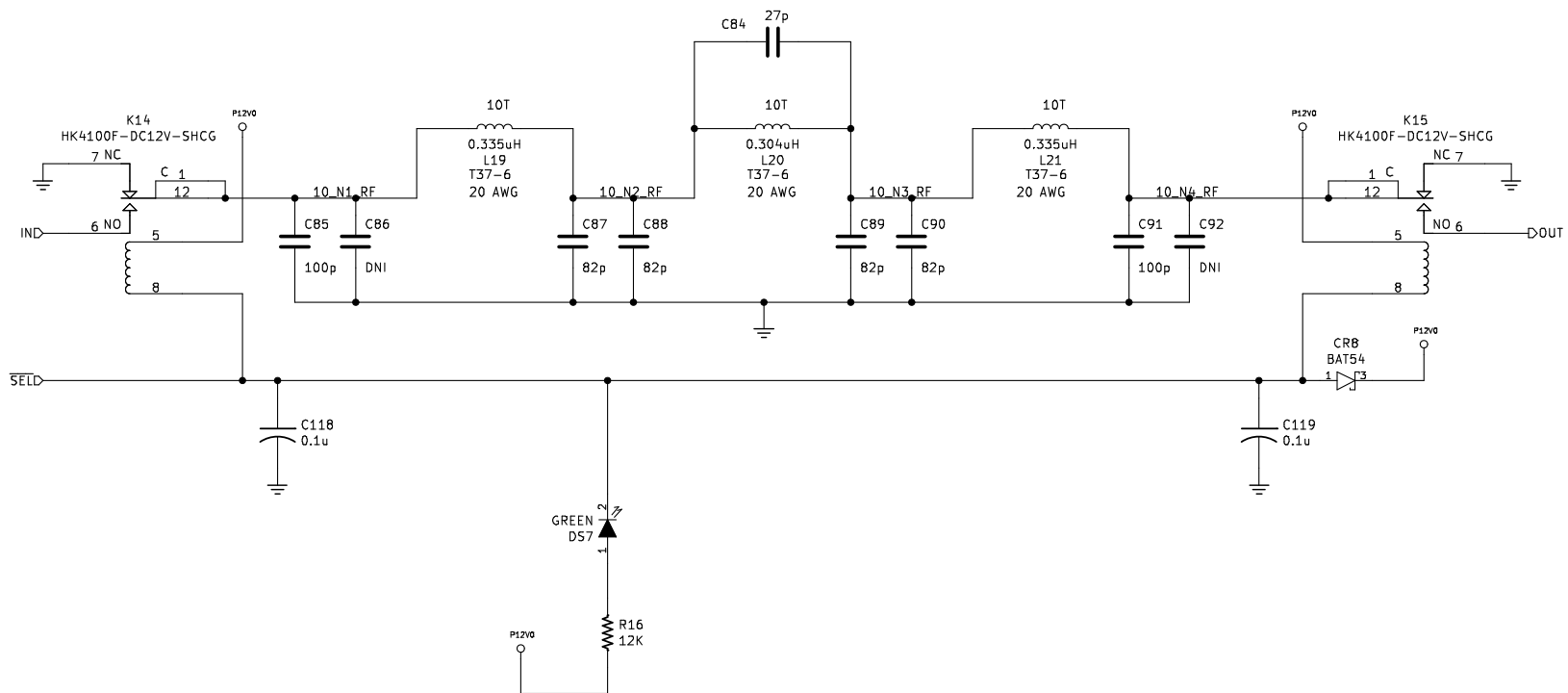
WA6ZFT

12M Low Pass Filter Section

Sheet: /Sheet605F7A0C/Sheet605F8E24/
File: filter_12m.kicad_sch

Title: 8 Band HF Low Pass Filter

Size: A4	Date:	Rev: X4
KICad E.D.A. kicad 6.0.5-a6ca702e91-116-ubuntu20.04.1		Id: 9/10



WA6ZFT

10M Low Pass Filter Section

Sheet: /Sheet605F7A0C/Sheet605F8E5D/
File: filter_10m.kicad_sch

Title: 8 Band HF Low Pass Filter

Size: A4

Date:

Rev: X4

KICad E.D.A. kicad 6.0.5-a6ca702e91-116-ubuntu20.04.1

Id: 10/10