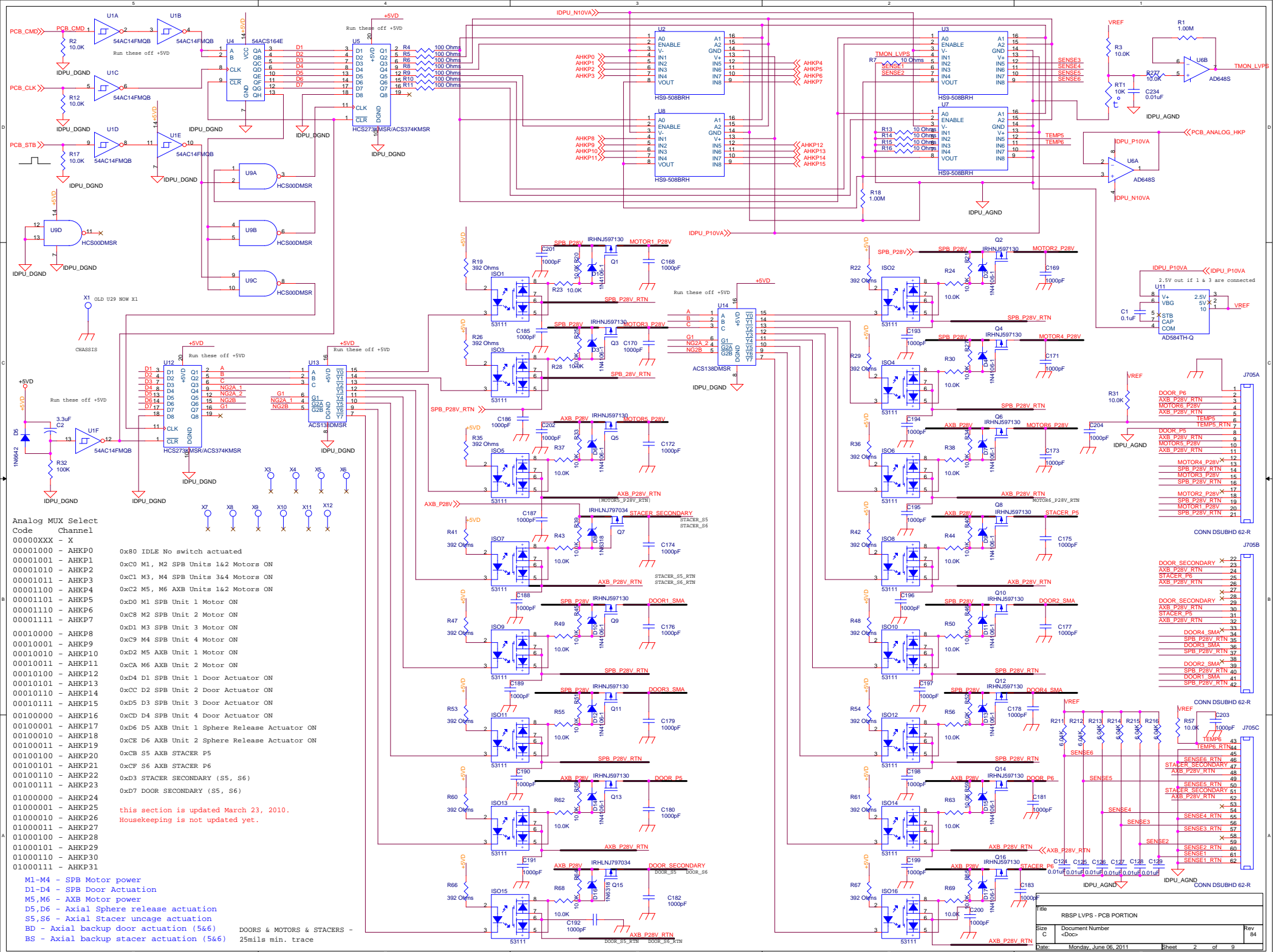


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RBSP LVPS - SUPPLY PORTION_3.9UF CAPS		
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Analog MUX Select Code Channel

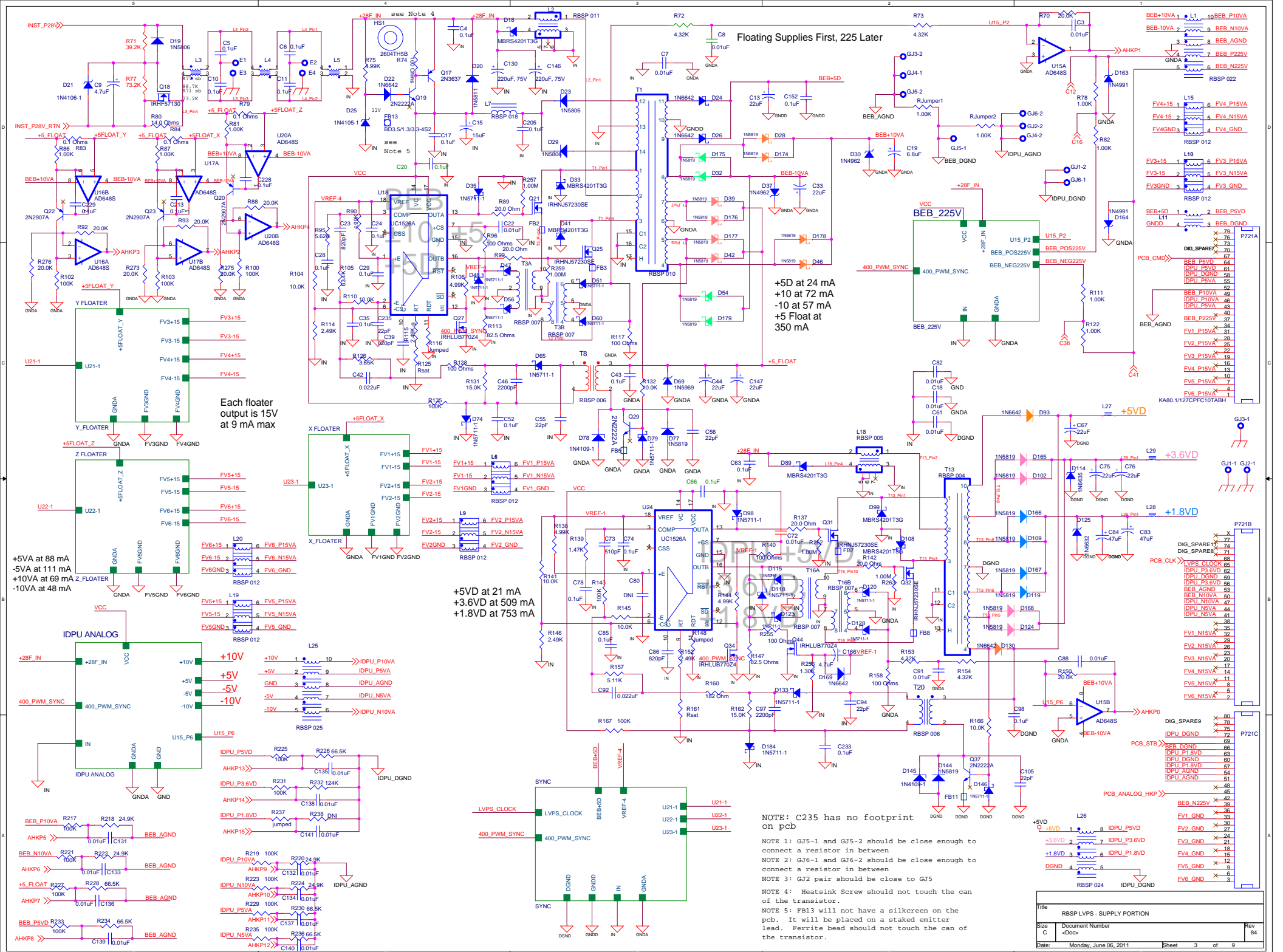
00000XXX	X
00001000	AHKP0 0x80 IDLE No switch actuated
00001001	AHKP1 0x00 M1, M2 SPB Units 1&2 Motors ON
00001010	AHKP2 0x01 M3, M4 SPB Units 3&4 Motors ON
00001011	AHKP3 0x02 M5, M6 AXB Units 1&2 Motors ON
00001100	AHKP4 0x00 M1 SPB Unit 1 Motor ON
00001101	AHKP5 0x08 M2 SPB Unit 2 Motor ON
00001110	AHKP6 0x01 M3 SPB Unit 3 Motor ON
00001111	AHKP7 0x09 M4 SPB Unit 4 Motor ON
00010000	AHKP8 0x02 M5 AXB Unit 1 Motor ON
00010001	AHKP9 0x0A M6 AXB Unit 2 Motor ON
00010010	AHKP10 0x04 D1 SPB Unit 1 Door Actuator ON
00010011	AHKP11 0x0C D2 SPB Unit 2 Door Actuator ON
00010100	AHKP12 0x05 D3 SPB Unit 3 Door Actuator ON
00010101	AHKP13 0x0D D4 SPB Unit 4 Door Actuator ON
00010110	AHKP14 0x06 D5 AXB Unit 1 Sphere Release Actuator ON
00010111	AHKP15 0x0E D6 AXB Unit 2 Sphere Release Actuator ON
00100000	AHKP16 0x0B S5 AXB STACER P5
00100001	AHKP17 0x0F S6 AXB STACER P6
00100010	AHKP18 0x03 STACER SECONDARY (S5, S6)
00100011	AHKP19 0x07 DOOR SECONDARY (S5, S6)
01000000	AHKP20
01000001	AHKP21
01000010	AHKP22
01000011	AHKP23
01000000	AHKP24
01000001	AHKP25
01000010	AHKP26
01000011	AHKP27
01000100	AHKP28
01000101	AHKP29
01000110	AHKP30
01000111	AHKP31

M1-M4 - SPB Motor power
D1-D4 - SPB Door Actuation
M5, M6 - AXB Motor power
D5, D6 - Axial Sphere release actuation
S5, S6 - Axial Stacer uncage actuation
BD - Axial backup door actuation (5&6)
BS - Axial backup stacer actuation (5&6)

DOORS & MOTORS & STACERS - 25mils min. trace

this section is updated March 23, 2010.
Housekeeping is not updated yet.

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Floating Supplies First, 225 Later

+5D at 24 mA
 +10 at 72 mA
 -10 at 57 mA
 +5 Float at 350 mA

+5VD at 21 mA
 +3.6VD at 509 mA
 +1.8VD at 753 mA

Each floater output is 15V at 9 mA max

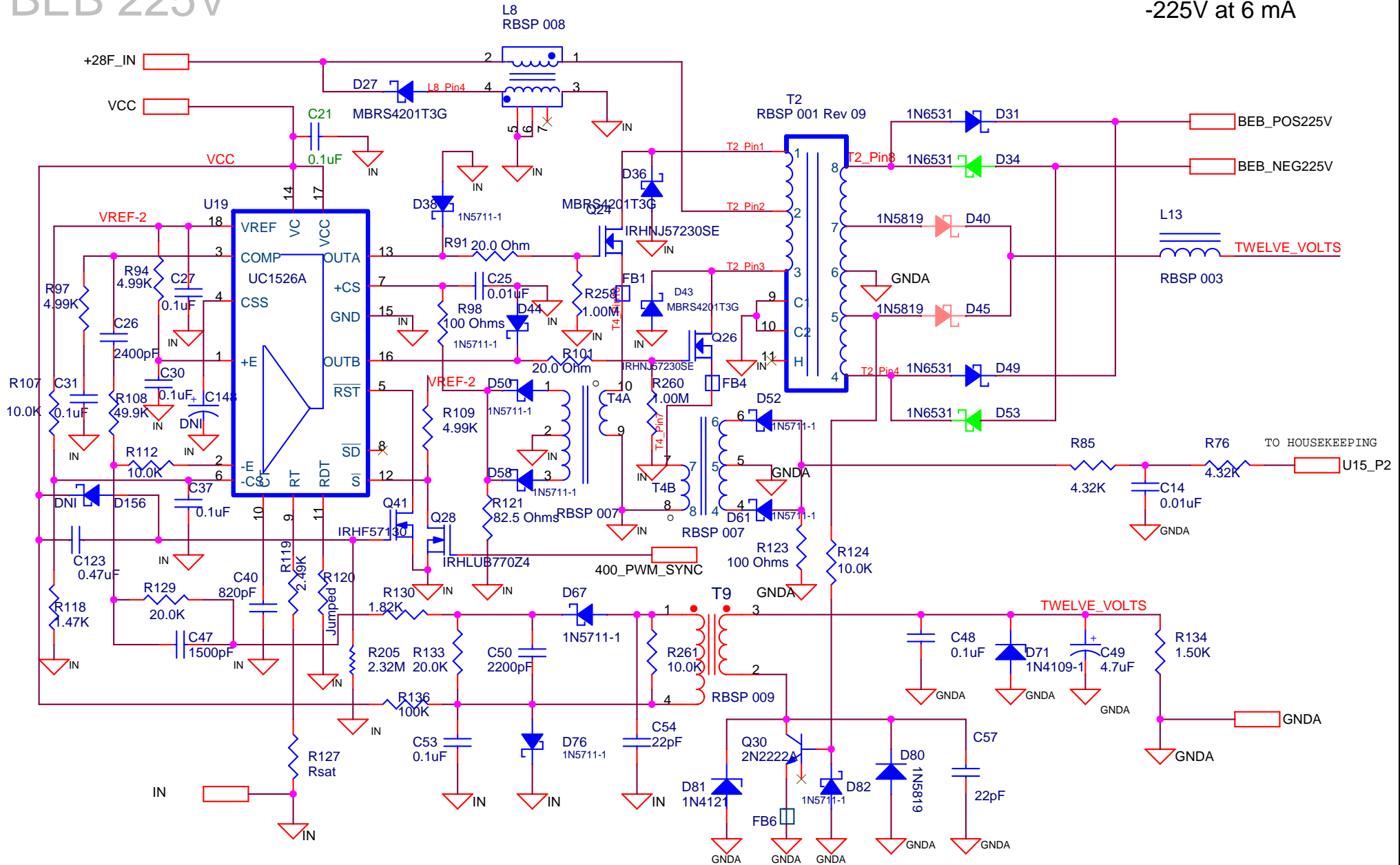
NOTE: C235 has no footprint on pcb

- NOTE 1: GJ5-1 and GJ5-2 should be close enough to connect a resistor in between
- NOTE 2: GJ6-1 and GJ6-2 should be close enough to connect a resistor in between
- NOTE 3: GJ2 pair should be close to GJ5
- NOTE 4: Heatsink Screw should not touch the can of the transistor.
- NOTE 5: FB13 will not have a silkscreen on the pcb. It will be placed on a staked emitter lead. Ferrite bead should not touch the can of the transistor.

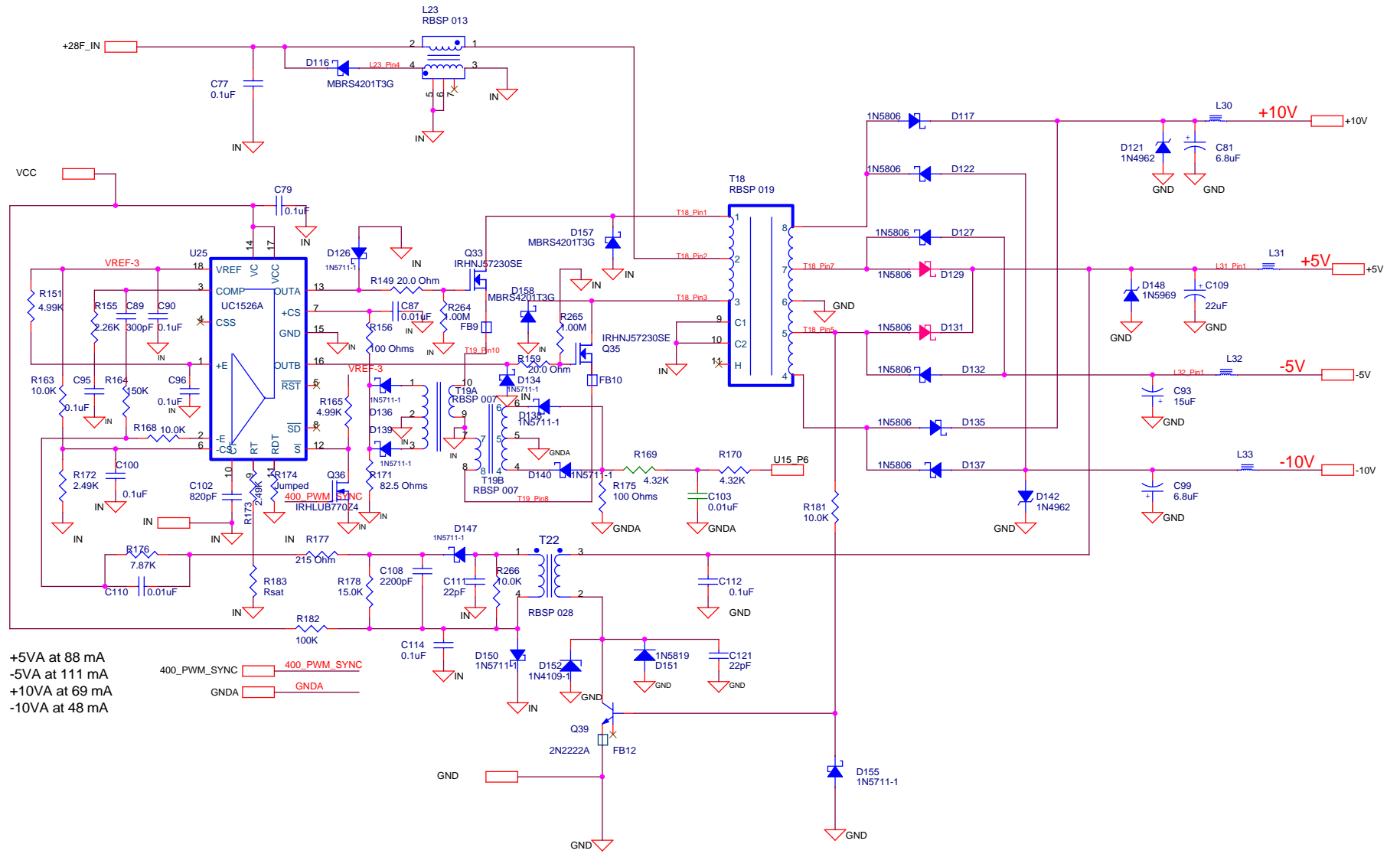
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BEB 225V

+225V at 6 mA
-225V at 6 mA

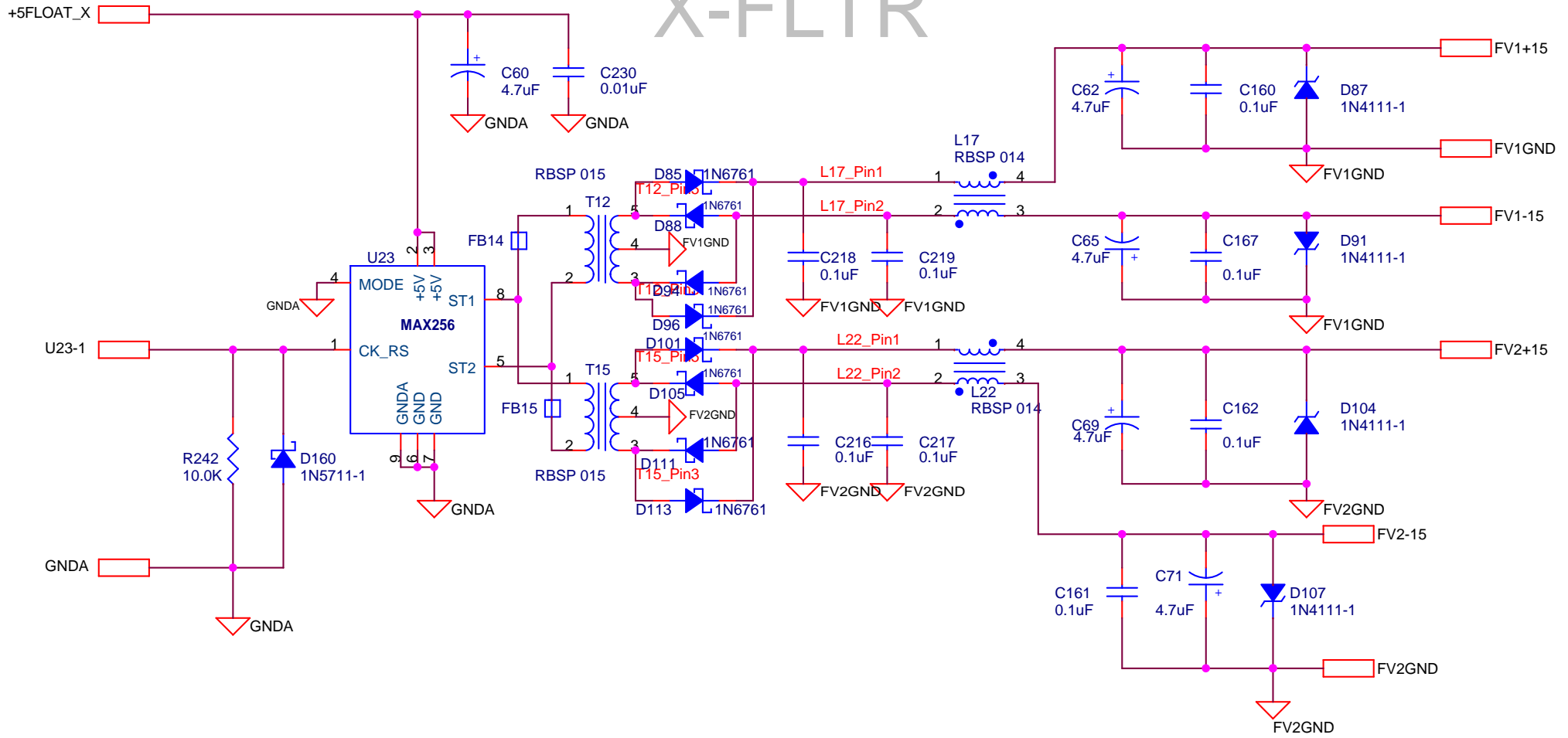


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BEB 225V		
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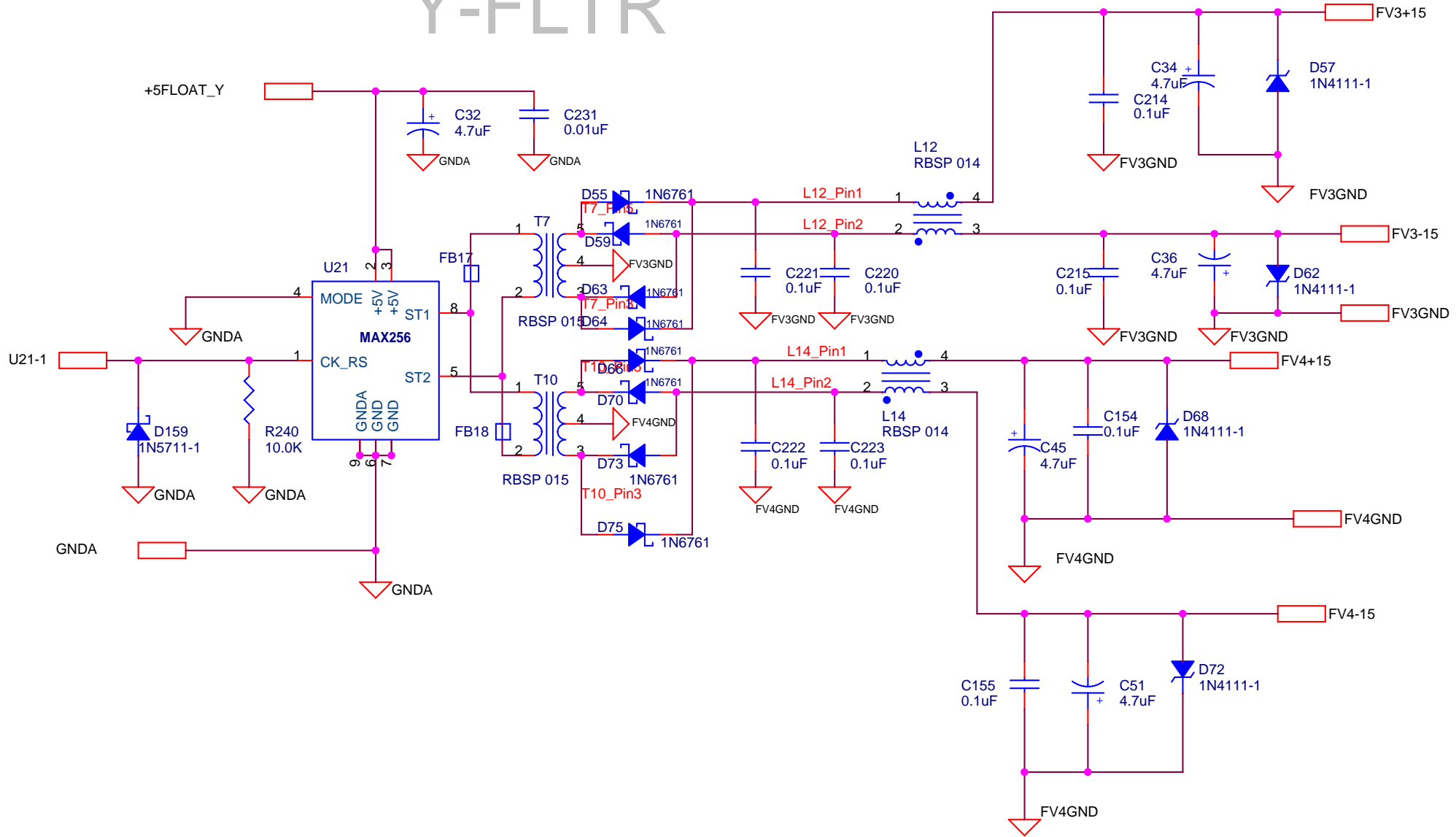
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X-FLTR



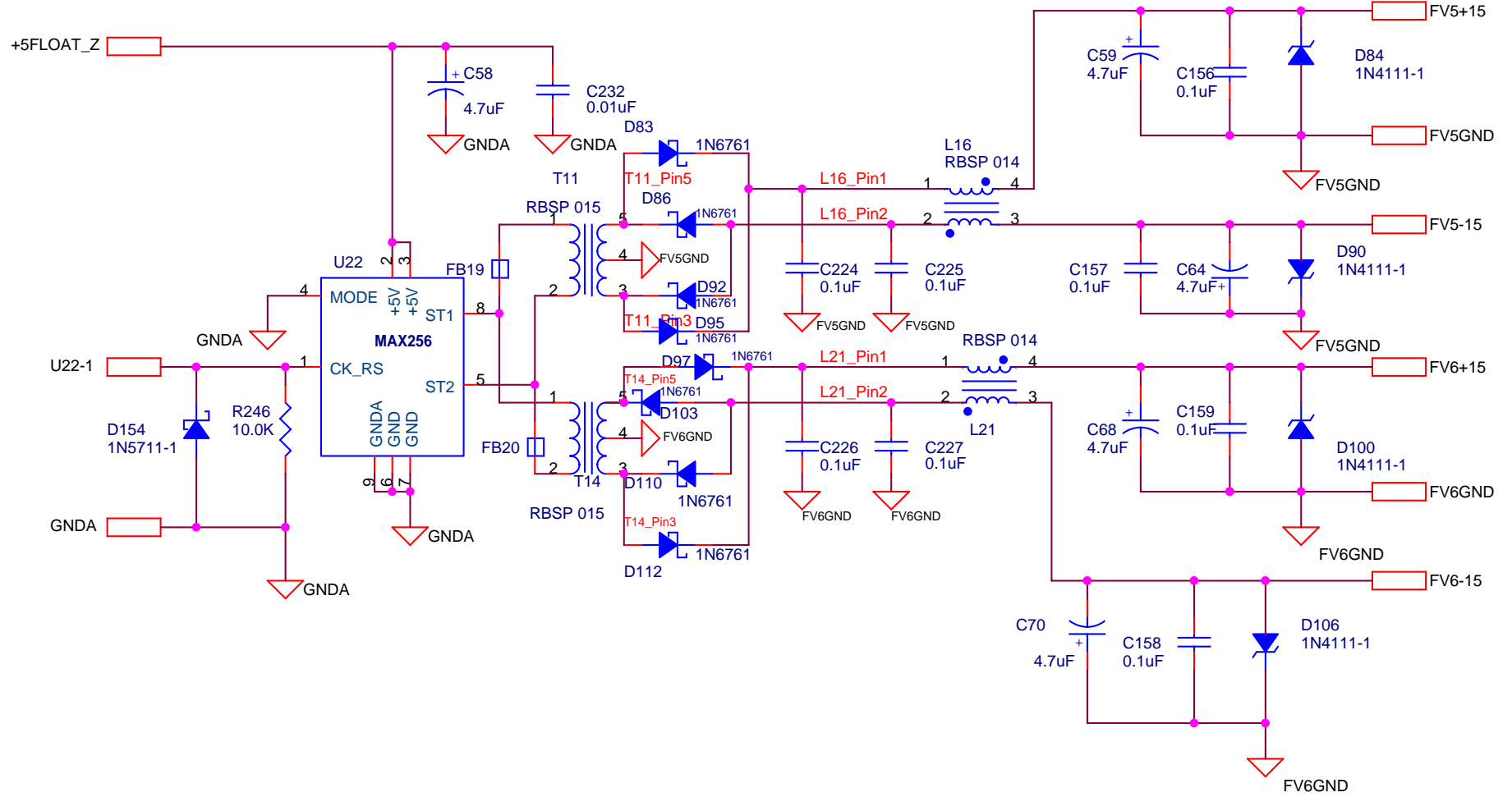
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Y-FLTR



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Z-FLTR



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Z FLOATER		
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