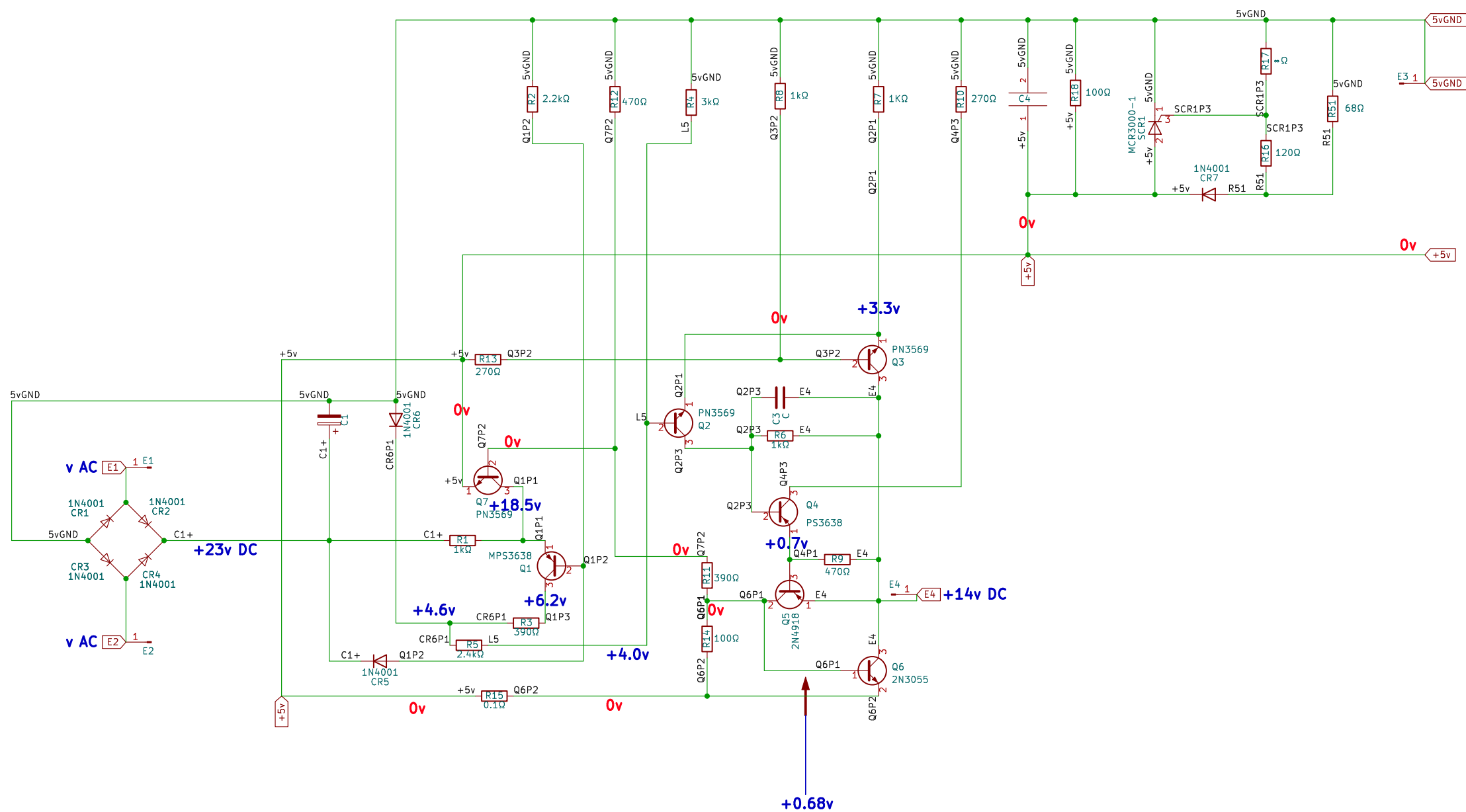Addtional Pictures found at
https://github.com/ForgottenMachines/Entrex/tree/main/DataScope/Power%20Supply/Images

5vGND

R2 2.2kΩ
R12 470Ω
R4 3kΩ
R8 1kΩ
R7 1KΩ
R10 270Ω
C4
R18 100Ω
R17 ∞Ω
R51 68Ω

Q1P2 5vGND
Q7P2 5vGND
L5 5vGND
Q3P2 5vGND
Q2P1 5vGND
Q4P3 5vGND
+5v 5vGND
+5v 5vGND

MCR3000-1 SCR1
SCR1P3
SCR1P3
SCR1P3
R16 120Ω
R51

1N4001 CR7
+5v R51

Q2P1
0v

5vGND
E3 1 5vGND

+5v
0v
+5v

+3.3v
0v
PN3569 Q3
R13 270Ω
Q3P2

5vGND
Q2P1
Q3P2
L5 PN3569 Q2
C3 E4
R6 1kΩ
E4

+5v
5vGND
CR6P1
1N4001 CR6

v AC E1 1 E1

1N4001 CR1
1N4001 CR2
5vGND
CR3 1N4001
CR4 1N4001

+23v DC
C1+

Q7P2
0v
+5v Q1P1
Q7 PN3569
+18.5v
Q1P1

Q2P3
Q4P3
Q2P3 Q4
PS3638
+0.7v

C1+ R1 1kΩ
MPS3638 Q1
Q1P2
0v Q7P2
R11 390Ω
Q6P1
Q5 2N4918 E4
R9 470Ω E4
E4 E4
+14v DC

+4.6v
CR6P1
R3 390Ω Q1P3
CR6P1
R5 2.4kΩ L5
+6.2v
+4.0v

v AC E2 1 E2

C1+ Q1P2
1N4001 CR5

+5v R15 0.1Ω Q6P2
0v
0v
+5v

Q6P2
R14 100Ω
0v
Q6P1
Q6P1
Q6 2N3055
Q6P2

+0.68v

Sheet: /
File: Power Supply — Entrex DataScope — 5v Only.kicad_sch
Title:
Size: User   Date: Rev:
KiCad E.D.A. eeschema (7.0.0)   Id: 1/1