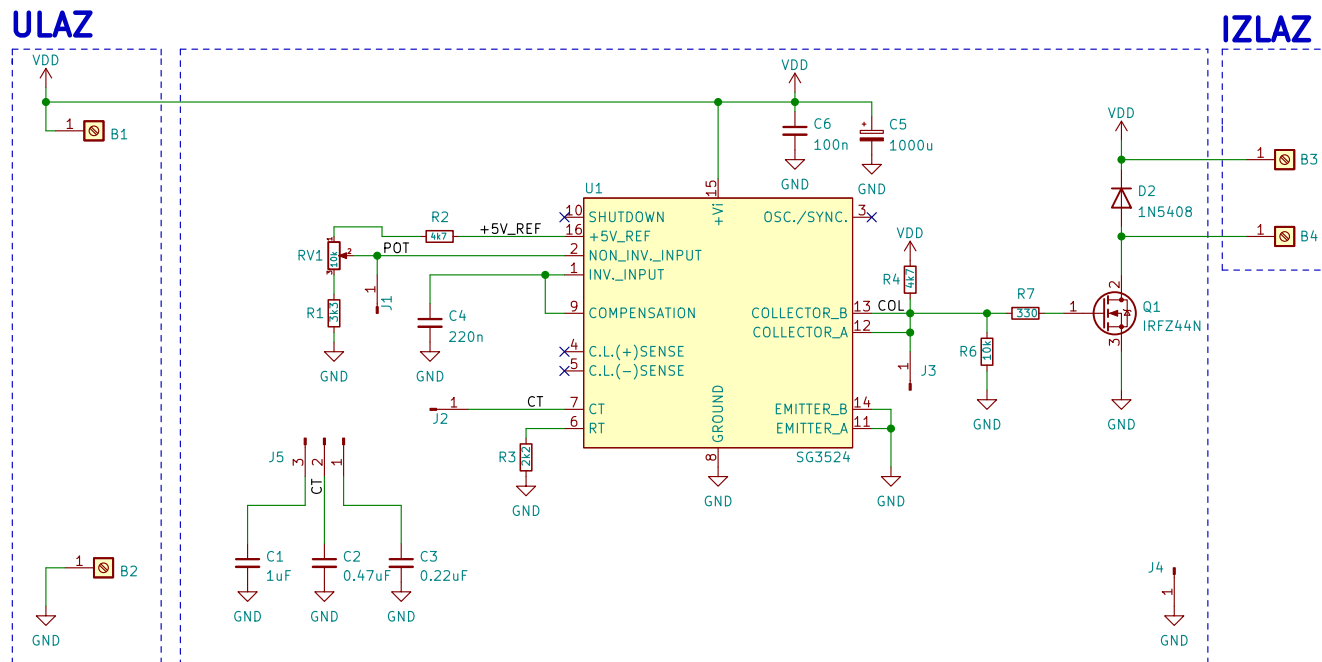


– zamijeniti IRLZ44N sa IRFZ44N jer ima viši napon U_{gs} (20V umjesto 16V)



$RT (R_3) = 2k$
 $C_1 = 1\mu F$
 $C_2 = 0.47\mu F$
 $C_3 = 0.22\mu F$

$f = 1.3/RT \cdot C$

bez jumpera: $f_1 = 1.3/RT \cdot C_2 = 1.3/2.2 \cdot 0.47 = 1257 \text{ Hz}$

jumper lijevo: $f_2 = 1.3/RT \cdot (C_1 || C_2) = 1.3/2.2 \cdot (1 + 0.47) = 401 \text{ Hz}$

jumper desno: $f_3 = 1.3/RT \cdot (C_2 || C_3) = 1.3/2.2 \cdot (0.47 + 0.22) = 856 \text{ Hz}$

RUPE

- H1 MountingHole
- H2 MountingHole
- H3 MountingHole
- H4 MountingHole

TVZ

Sheet: /
File: Tranzistorski_pretvarač.kicad_sch

Title: Tranzistorski chopper

Size: A4 Date: 2022-04-07

KiCad E.D.A. kicad (6.0.4)



Rev: 3
Id: 1/1