

Licensed under CC BY 4.0.

All capacitors 50V unless otherwise specified.

Created by Ariamelon (<https://github.com/Ariamelon/Honeydew/>)

Sheet:

File: Honeydew.kicad_sch

Title: Honeydew unified split ergonomic keyboard

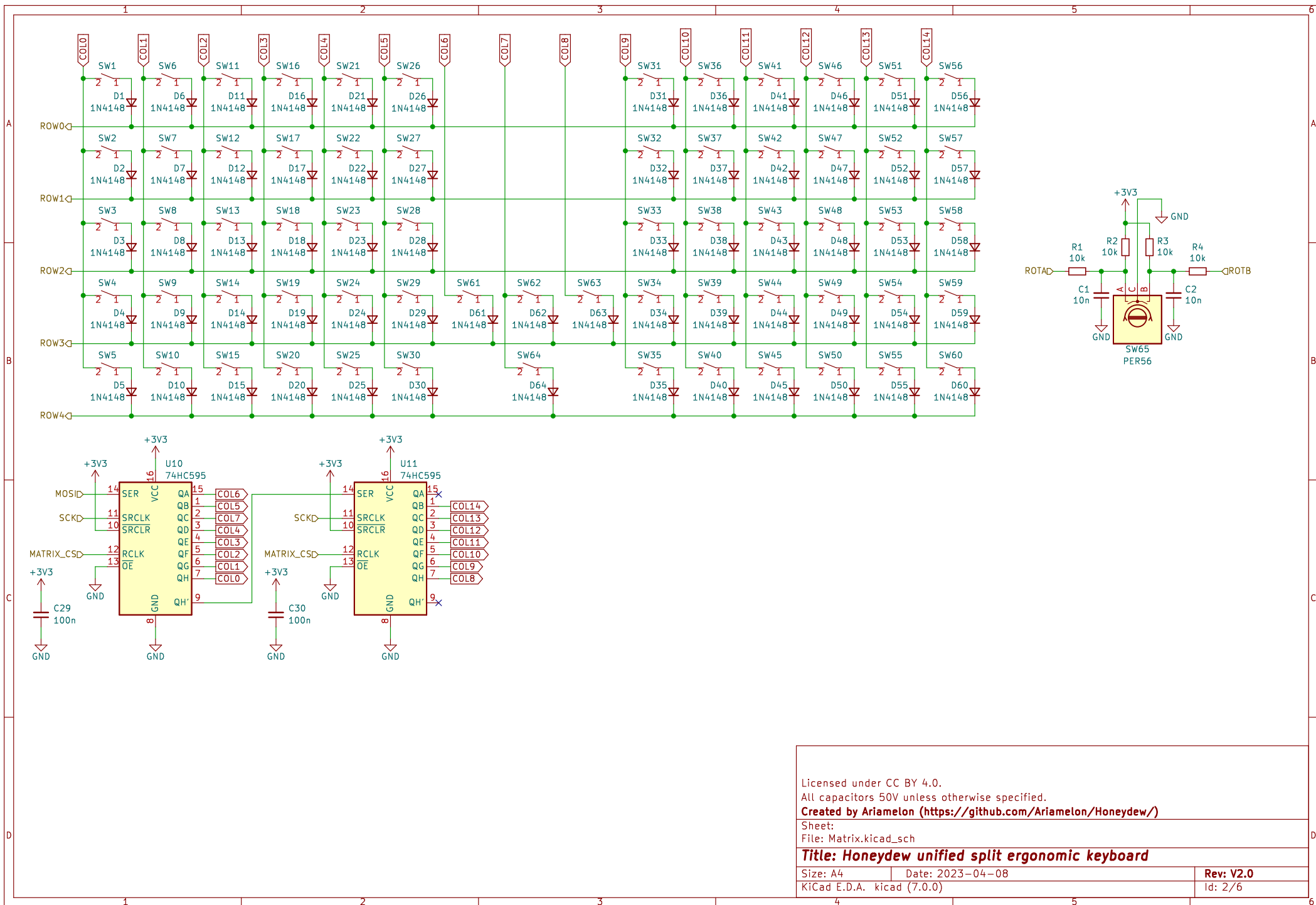
Size: A4

Date: 2023-04-08

Rev: V2.0

KiCad E.D.A. kicad (7.0.0)

Id: 1/6

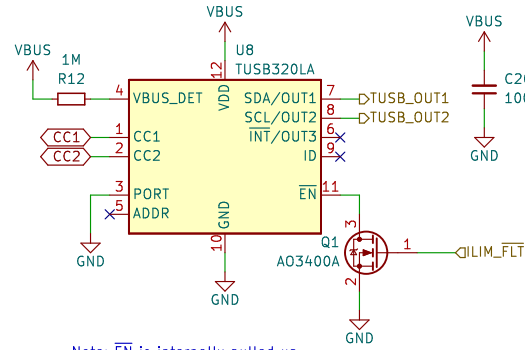
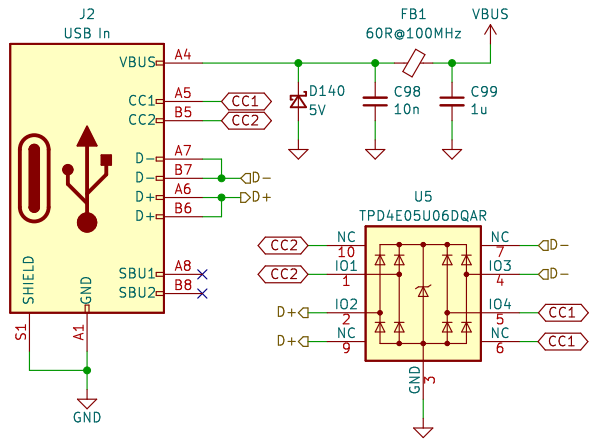


Licensed under CC BY 4.0.
All capacitors 50V unless otherwise specified.
Created by Ariamelon (<https://github.com/Ariamelon/Honeydew/>)

Sheet:
File: Matrix.kicad_sch

Title: Honeydew unified split ergonomic keyboard

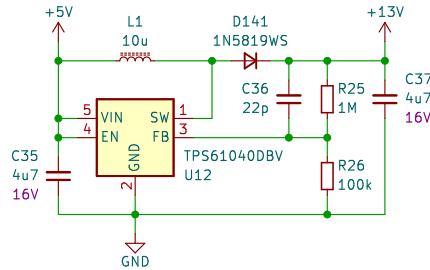
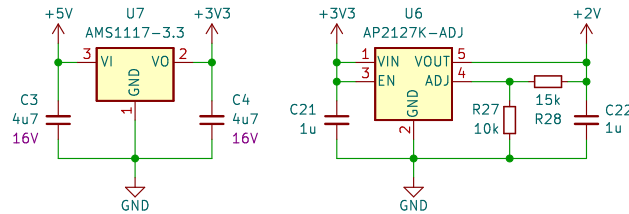
Size: A4	Date: 2023-04-08	Rev: V2.0
KiCad E.D.A. kicad (7.0.0)		Id: 2/6



Note: \overline{EN} is internally pulled up.

OUT1	OUT2	ADVERTISEMENT
H	H	Default current, unattached
H	L	Default current, attached
L	H	Med current (1.5A), attached
L	L	High current (3A), attached

Default power (500mA): $R(ILIM) = 4.7k @ 1\% \approx 465mA$
 Med power (1500mA): $R(ILIM) = 4.7k || 4.7k || 3.3k @ 1\% = 1.37k \approx 1497mA$
 High power (3000mA): $R(ILIM) = 4.7k || 4.7k || 4.7k || 3.3k || 2k @ 1\% = 693.8 \approx 2923mA$



Licensed under CC BY 4.0.
 All capacitors 50V unless otherwise specified.

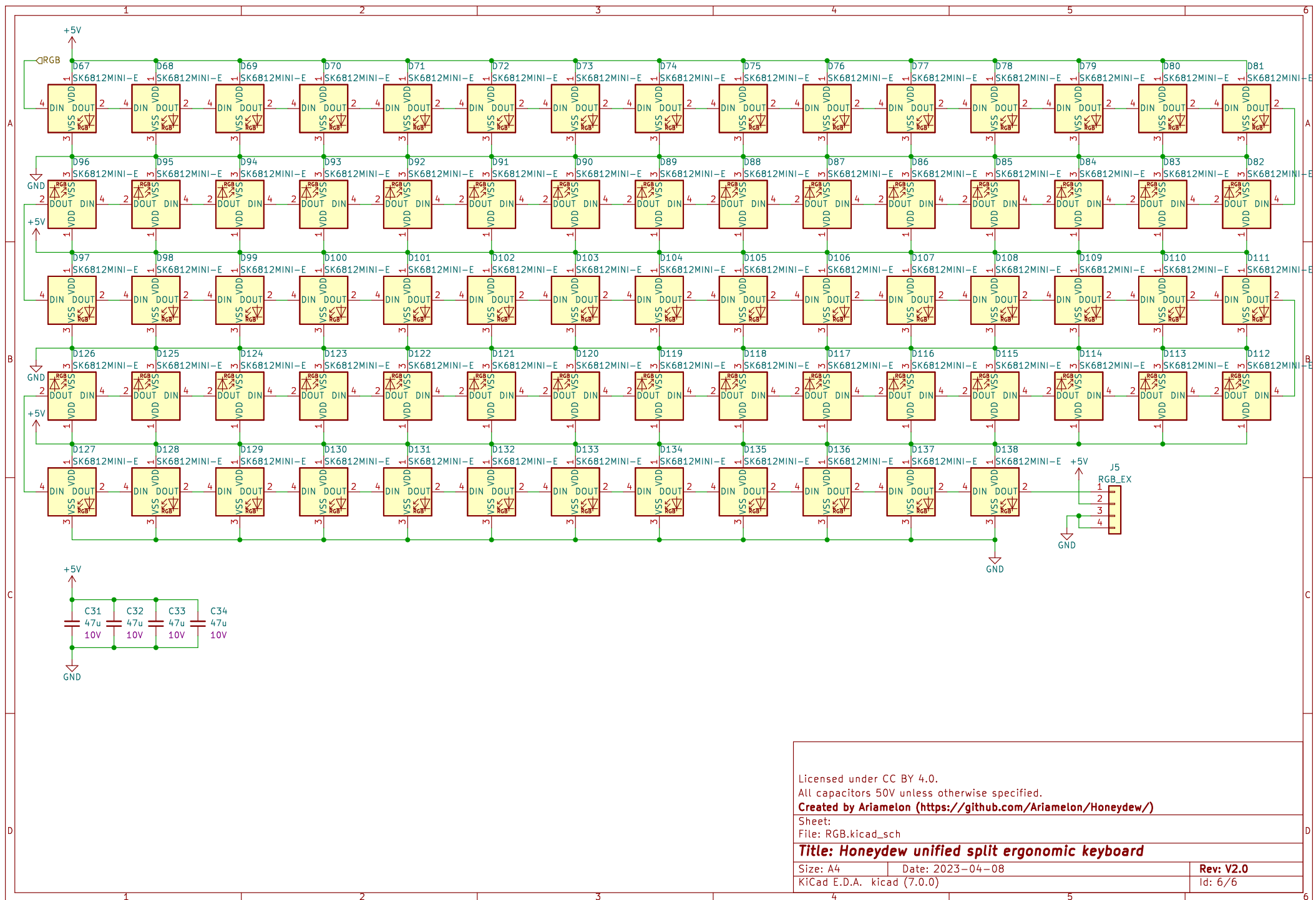
Created by Ariamelon (<https://github.com/Ariamelon/Honeydew/>)

Sheet:
 File: PSU.kicad_sch

Title: Honeydew unified split ergonomic keyboard

Size: A4 Date: 2023-04-08
 KiCad E.D.A. kicad (7.0.0)

Rev: V2.0
 Id: 3/6



Size: A4	Date: 2023-04-08	Rev: V2.0
KiCad E.D.A. kicad (7.0.0)		Id: 9/6