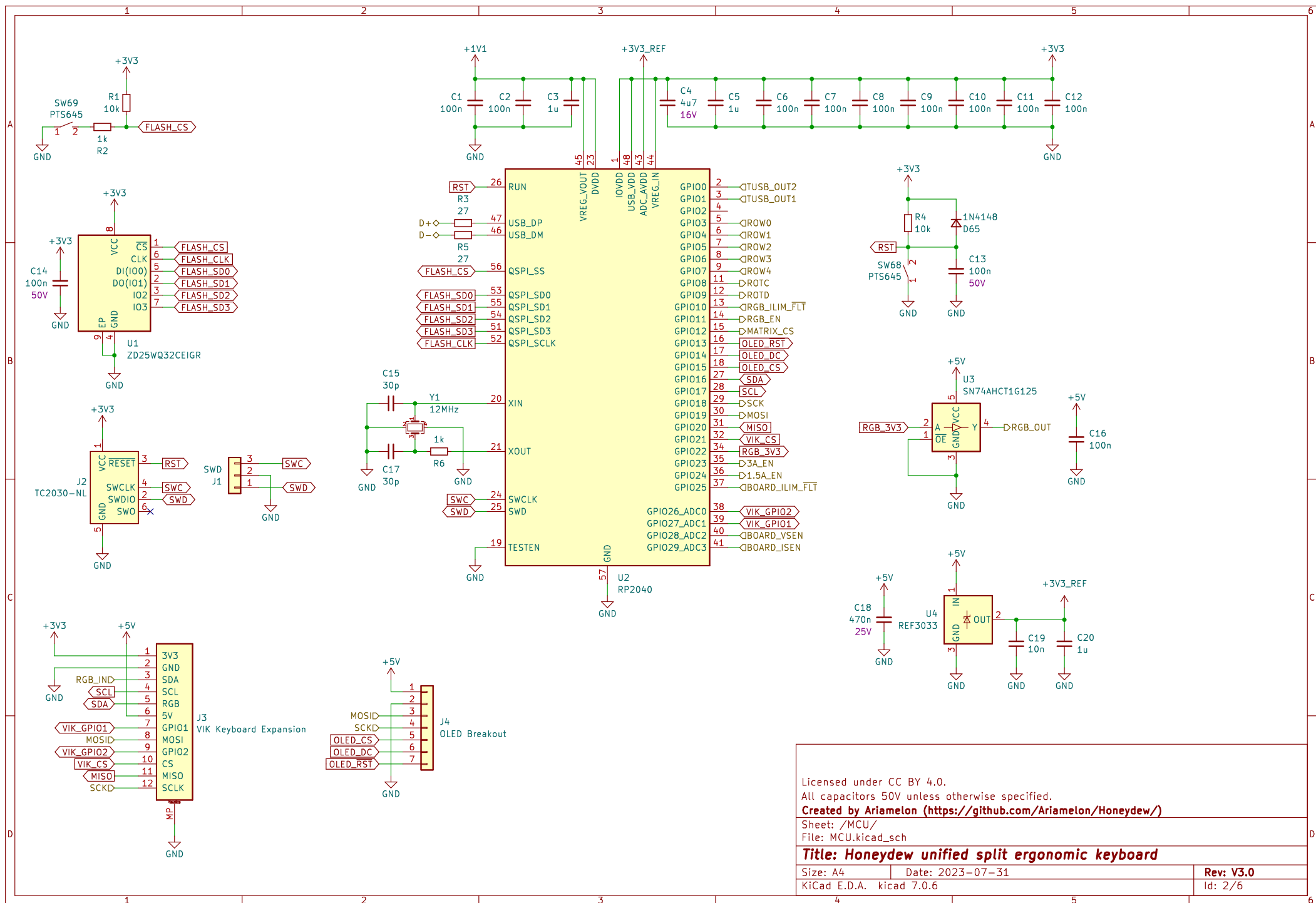


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All capacitors 50V unless otherwise specified.  
**Created by Ariamelon** (<https://github.com/Ariamelon/Honeydew/>)

Sheet: /  
File: Honeydew.kicad\_sch

**Title: Honeydew unified split ergonomic keyboard**

Size: A4	Date: 2023-07-31	Rev: V3.0
KiCad E.D.A. kicad 7.0.6		Id: 1/6



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Sheet: /MCU/

File: MCU.kicad\_sch

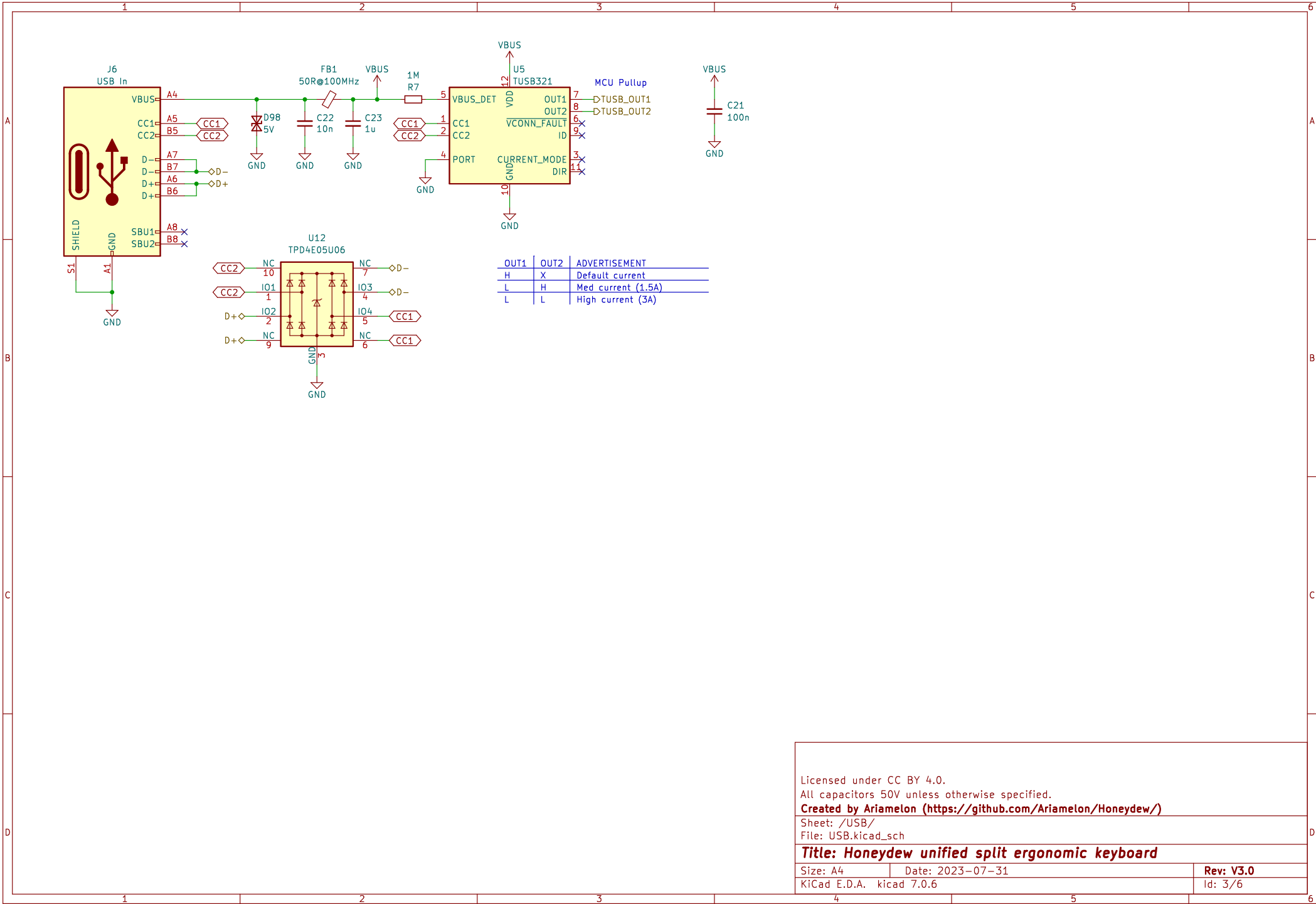
**Title: Honeydew unified split ergonomic keyboard**

Size: A4 Date: 2023-07-31

KiCad E.D.A. kicad 7.0.6

Rev: V3.0

Id: 2/6

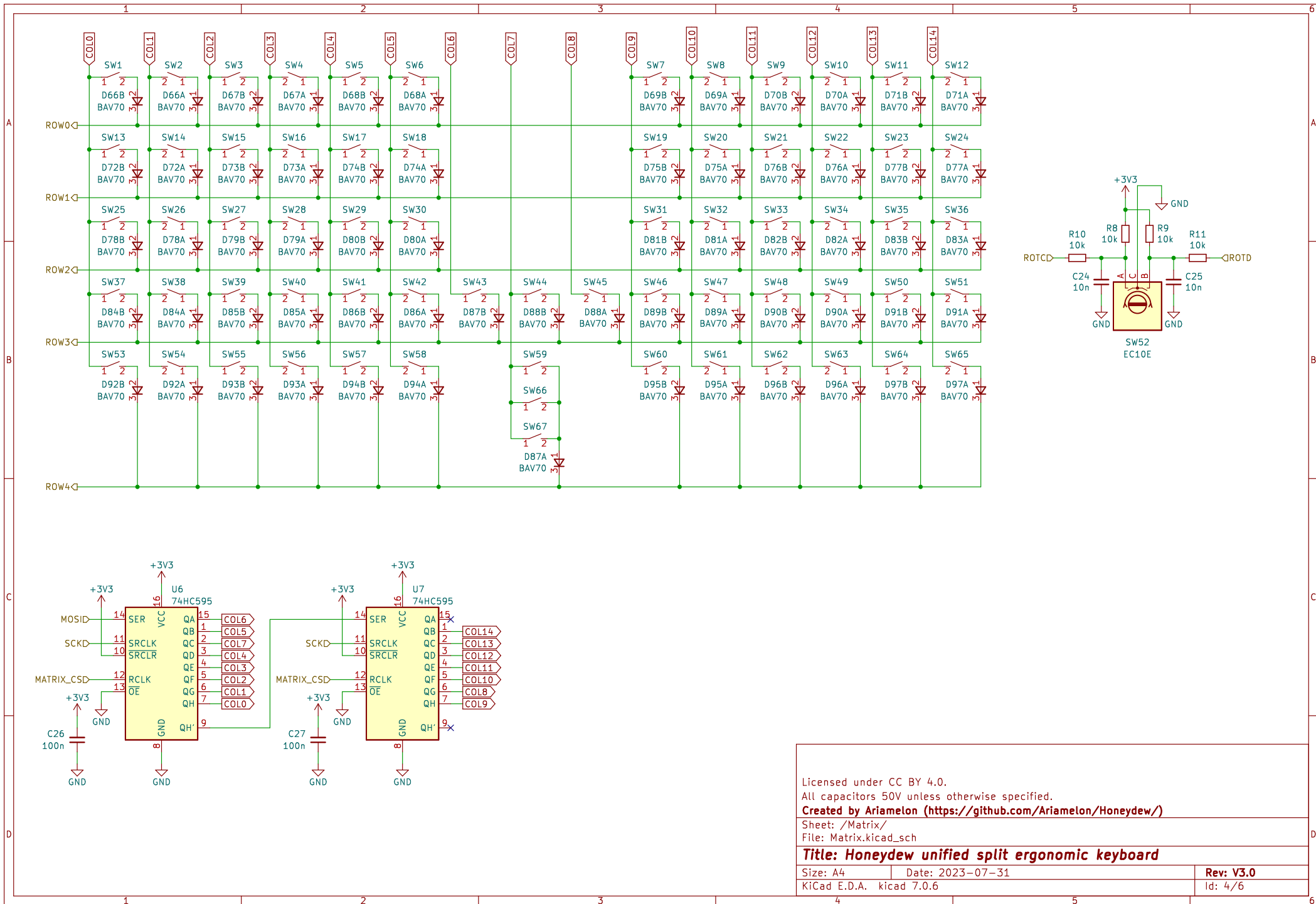


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Sheet: /USB/  
File: USB.kicad\_sch

**Title: Honeydew unified split ergonomic keyboard**

Size: A4	Date: 2023-07-31	Rev: V3.0
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Sheet: /Matrix/

File: Matrix.kicad\_sch

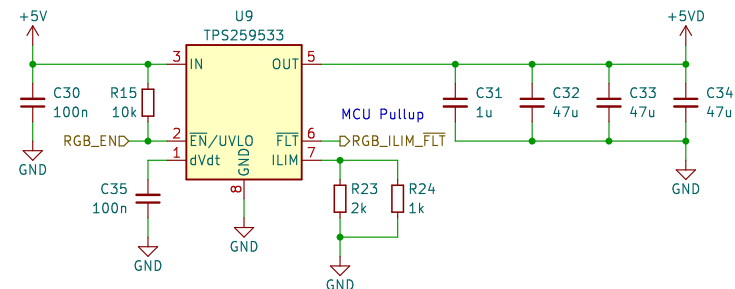
**Title: Honeydew unified split ergonomic keyboard**

Size: A4 Date: 2023-07-31

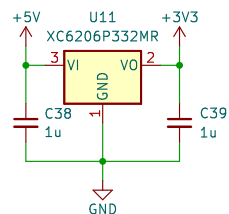
KiCad E.D.A. kicad 7.0.6

Rev: V3.0

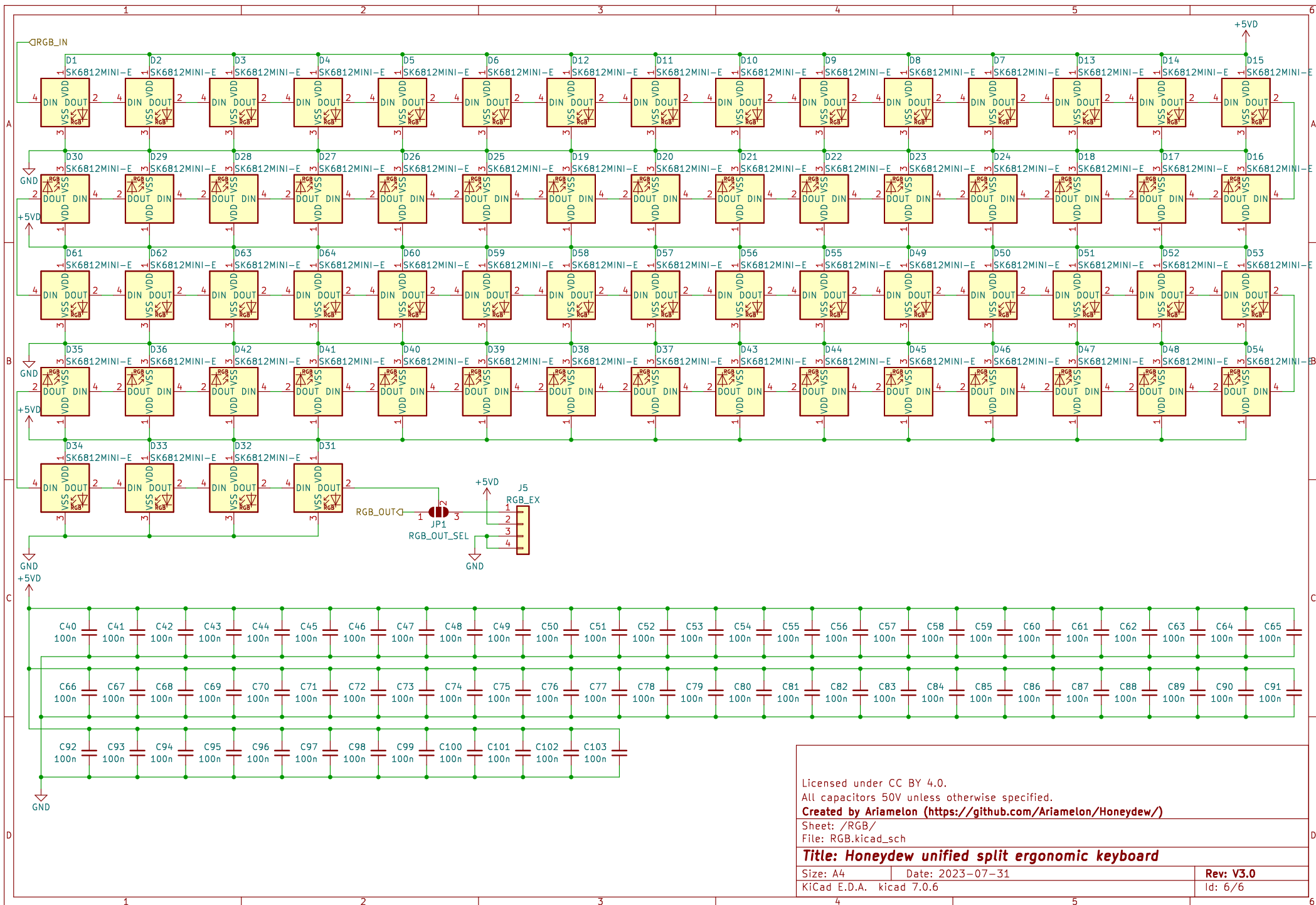
Id: 4/6



Default power (500mA):  $R(ILIM) = 12k \parallel 6k8 = 4k34 @ 1\% \approx 501mA$   
 Med power (1500mA):  $R(ILIM) = 12k \parallel 6k8 \parallel 2k @ 1\% = 1k37 \approx 1501mA$   
 High power (3000mA):  $R(ILIM) = 12k \parallel 6k8 \parallel 2k \parallel 4k7 \parallel 2k @ 1\% = 693 \approx 2926mA$



Id: 5/6



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All capacitors 50V unless otherwise specified.

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Sheet: /RGB/

File: RGB.kicad\_sch

**Title: Honeydew unified split ergonomic keyboard**

Size: A4 Date: 2023-07-31

KiCad E.D.A. kicad 7.0.6

Rev: V3.0

Id: 6/6