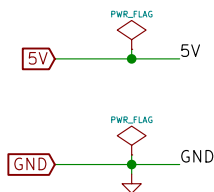
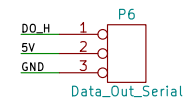
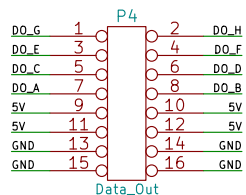
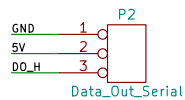
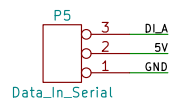
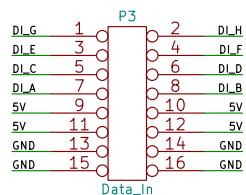
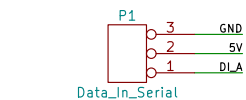
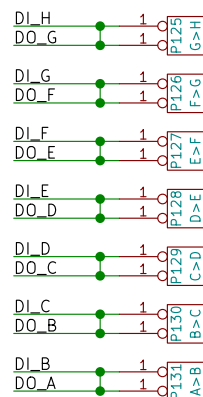


## Stacking Expansion Connectors for creating TinyTIM matrices



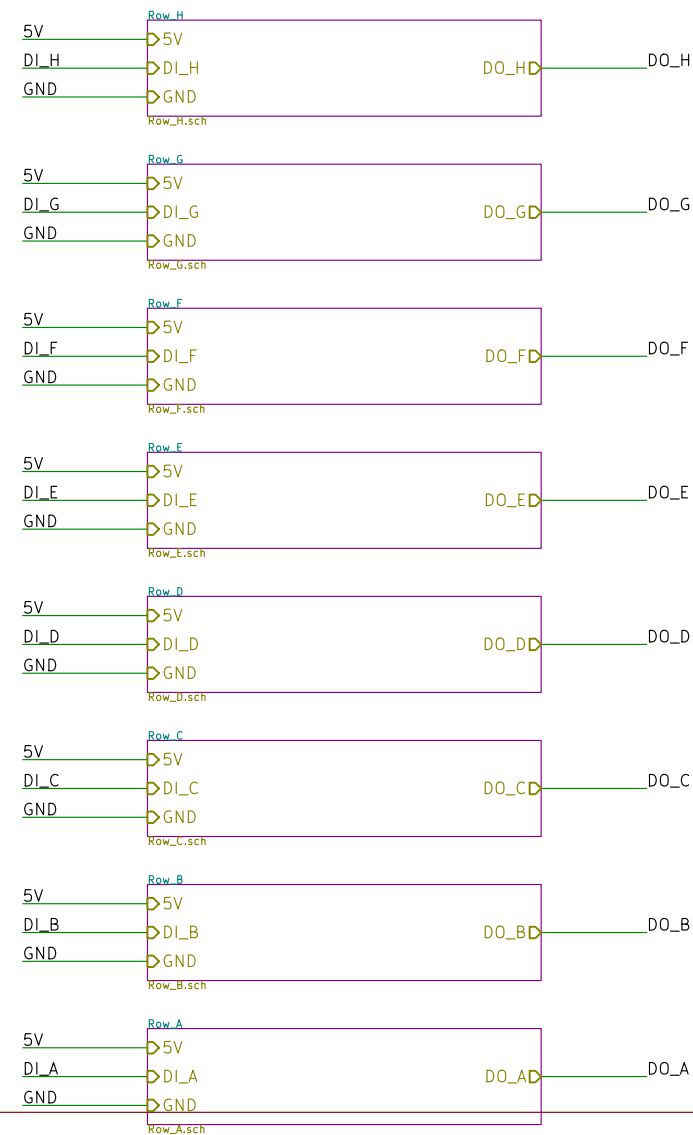
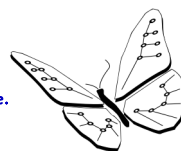
## Jumpers to create a Series connected TIM



CHANGES:  
Replaced 2 pin PWR IN connectors P1 , P2  
with 3 pin SERIAL\_DATA\_IN connectors

This allows shorter wiring when boards are stacked up  
as 2.5D Cube or 3D (transparent PCB) cube

Serial Shorting Links are permanently linked for Serial Mode.  
Cut the links for Parallel Mode



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Project: /

File: TinyTIM.sch

File: **TiM - The Intelligent Matrix (rev3 using WS2811B)**

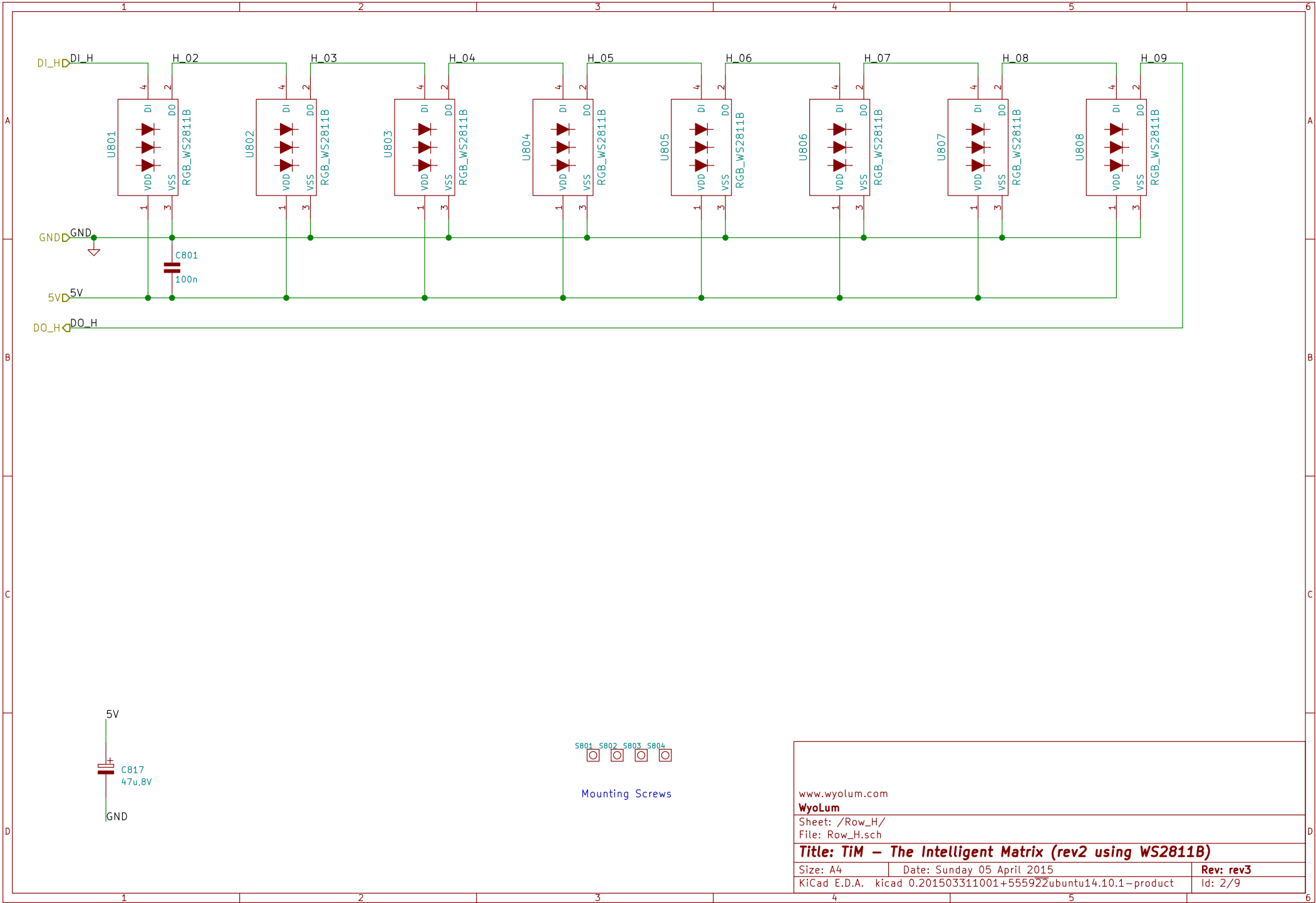
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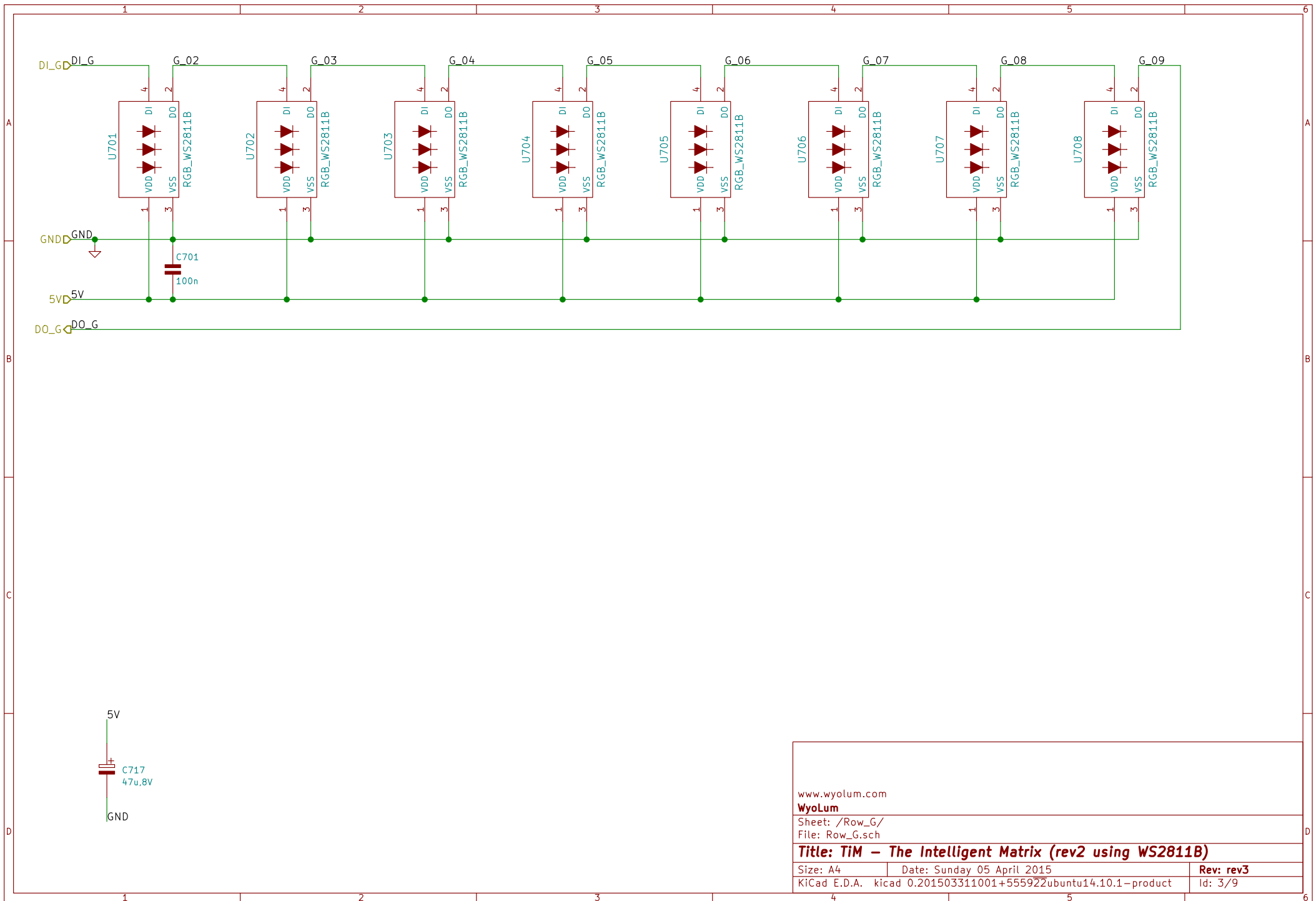
Author: E.D.A. kicad 0.201503311001+555922ubuntu14.10.1-product

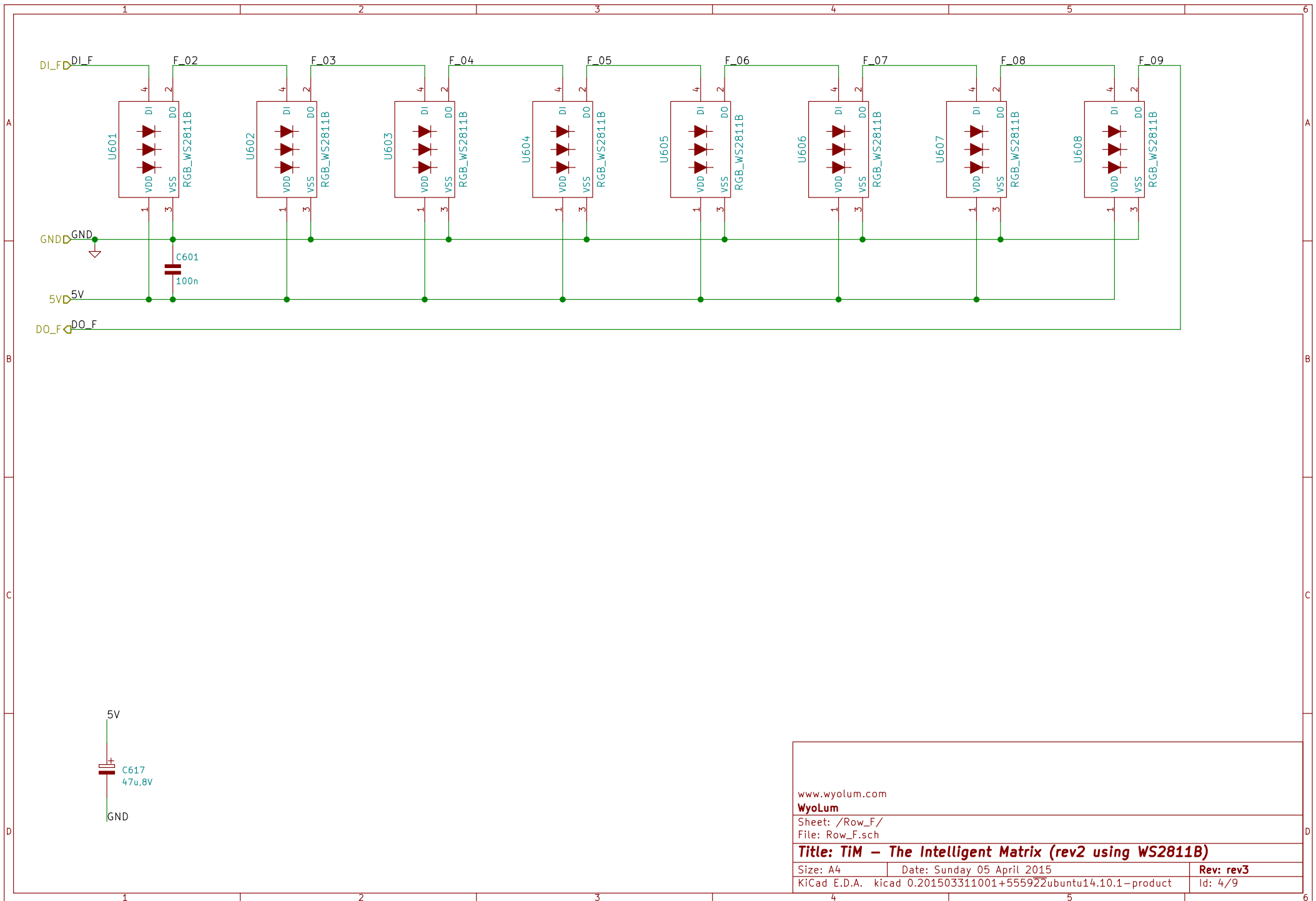
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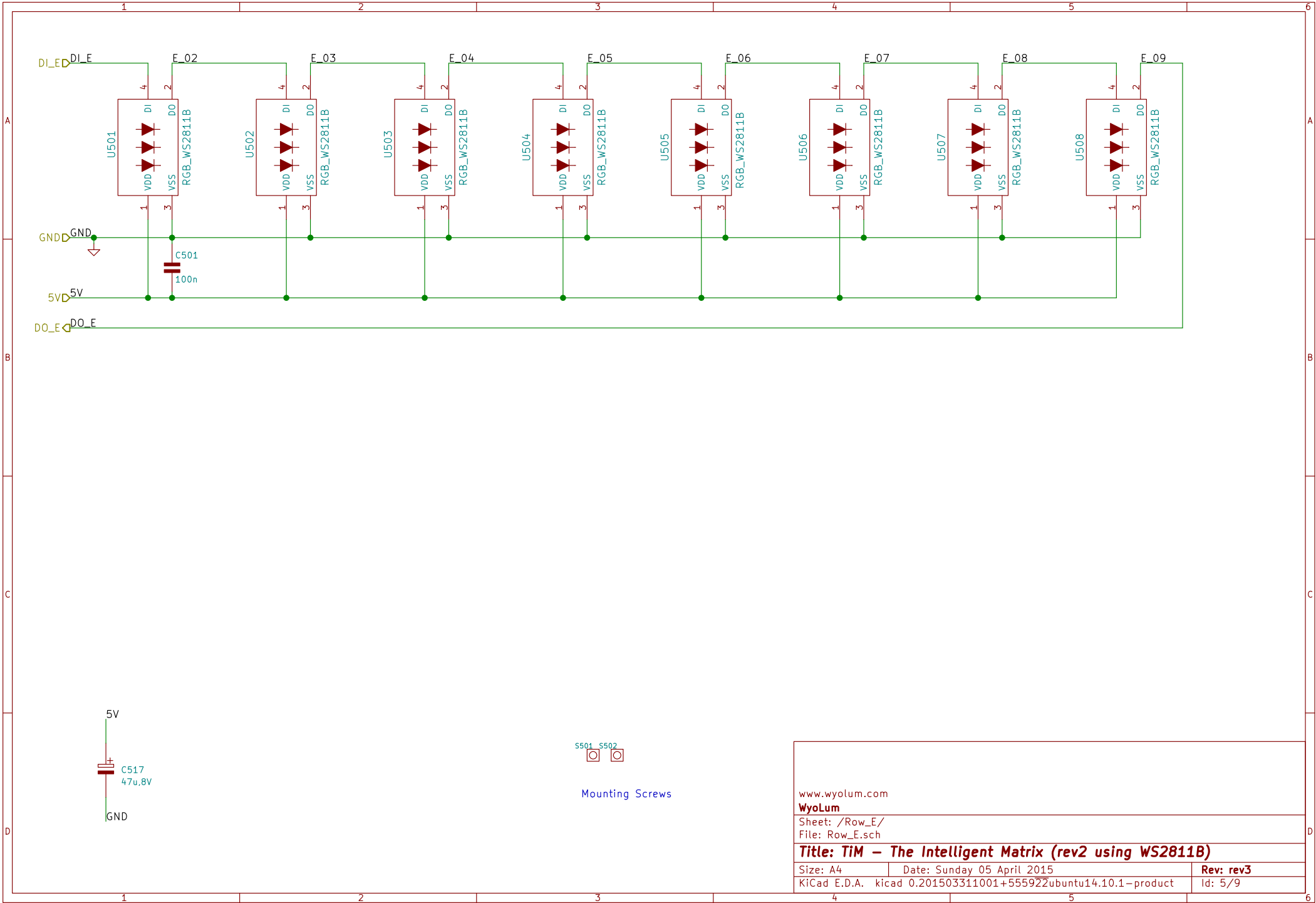
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Size: A4 Date: Sunday 05 April 2015

KiCad E.D.A. kicad 0.201503311001+555922ubuntu14.10.1–product

Rev: rev3

Id: 4/9



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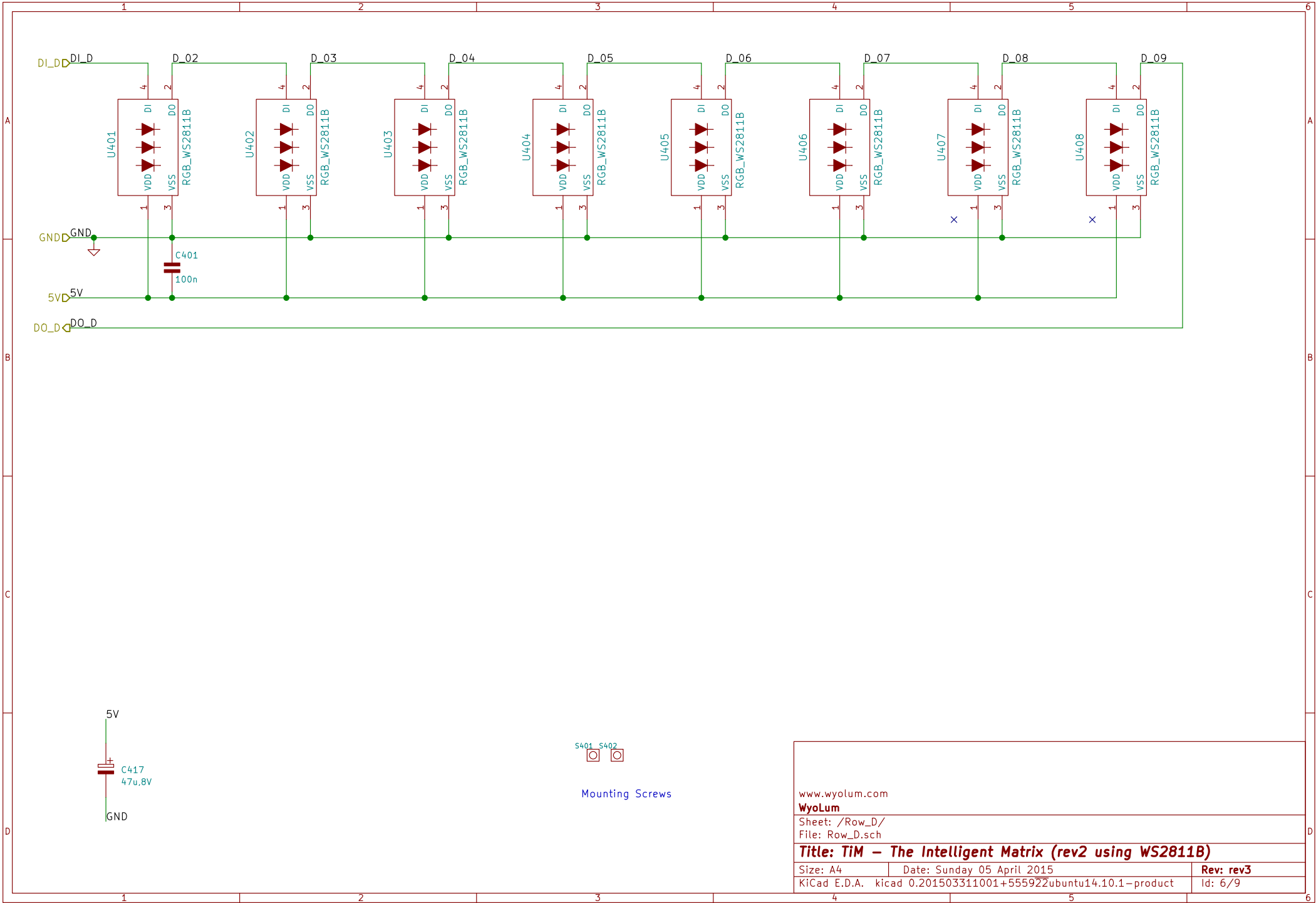
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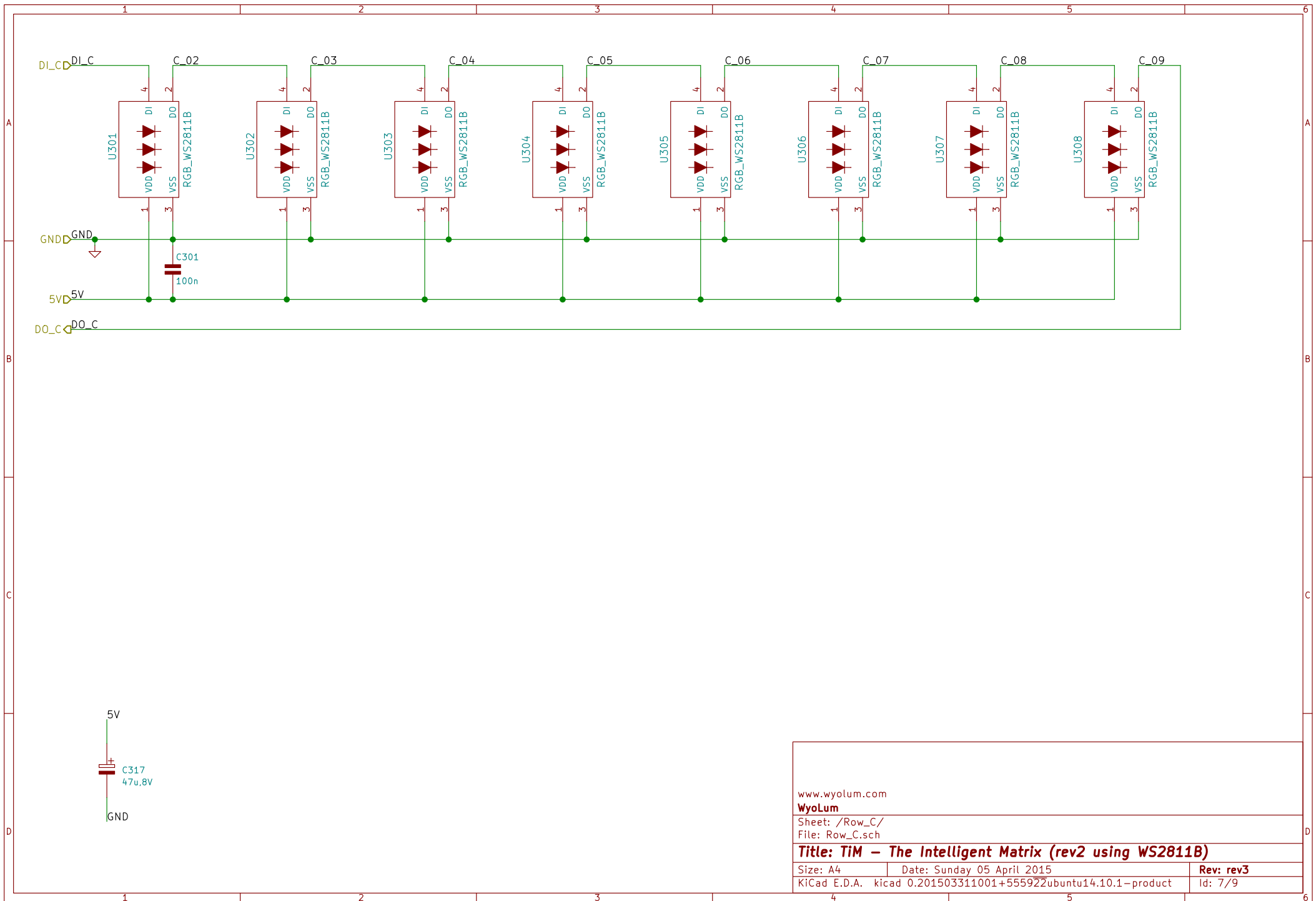
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Rev: rev3

Id: 5/9



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Size: A4	Date: Sunday 05 April 2015	Rev: rev3
KiCad E.D.A. kicad 0.201503311001+555922ubuntu14.10.1–product		Id: 6/9



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Sheet: /Row\_C/

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Size: A4 Date: Sunday 05 April 2015

KiCad E.D.A. kicad 0.201503311001+555922ubuntu14.10.1–product

Rev: rev3

Id: 7/9

