

Note:  
All resistors 1% tolerance.  
All capacitors 10% tolerance.  
Unless otherwise noted

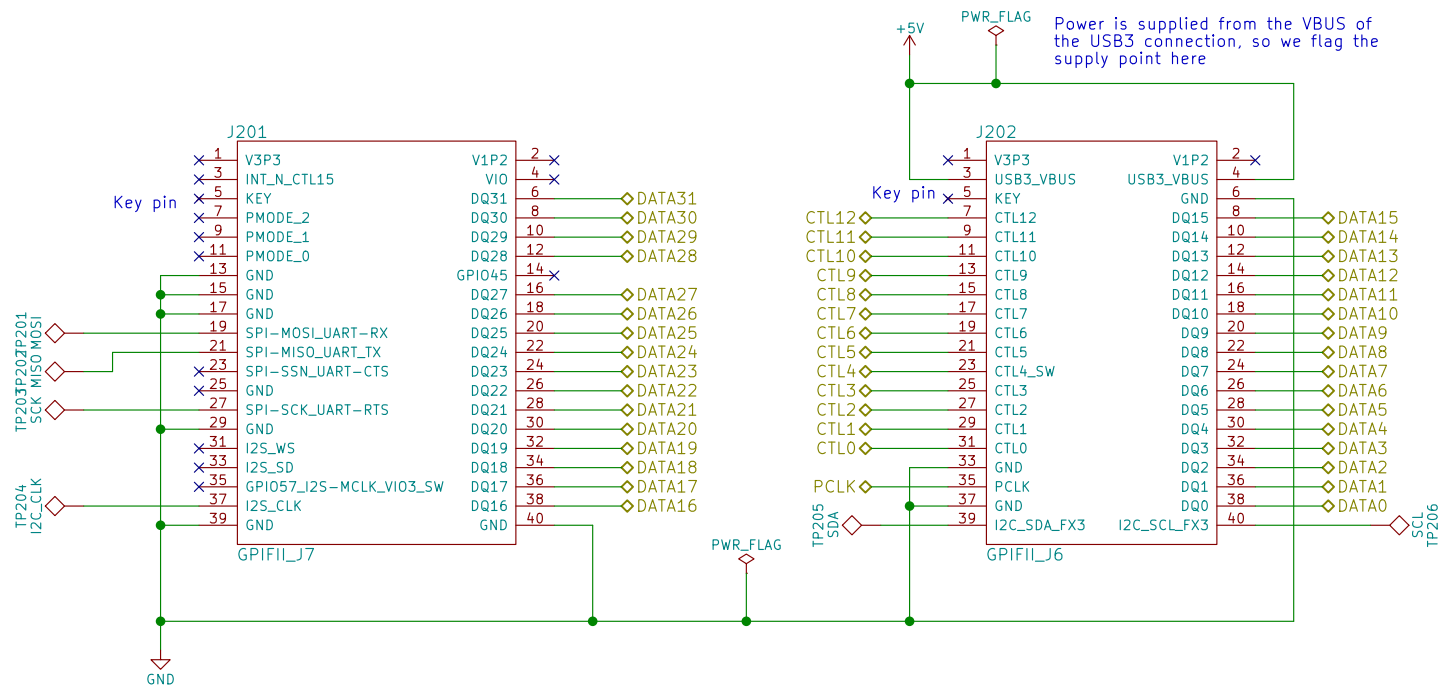
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Sheet: /  
File: Domesday Duplicator.sch

**Title: Domesday Duplicator**

Size: A4 Date: 2018-06-10  
KiCad E.D.A. kicad 4.0.7

**Rev: 2.3**  
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Sheet: /Cypress Superspeed Interface/

File: superspeedinf.sch

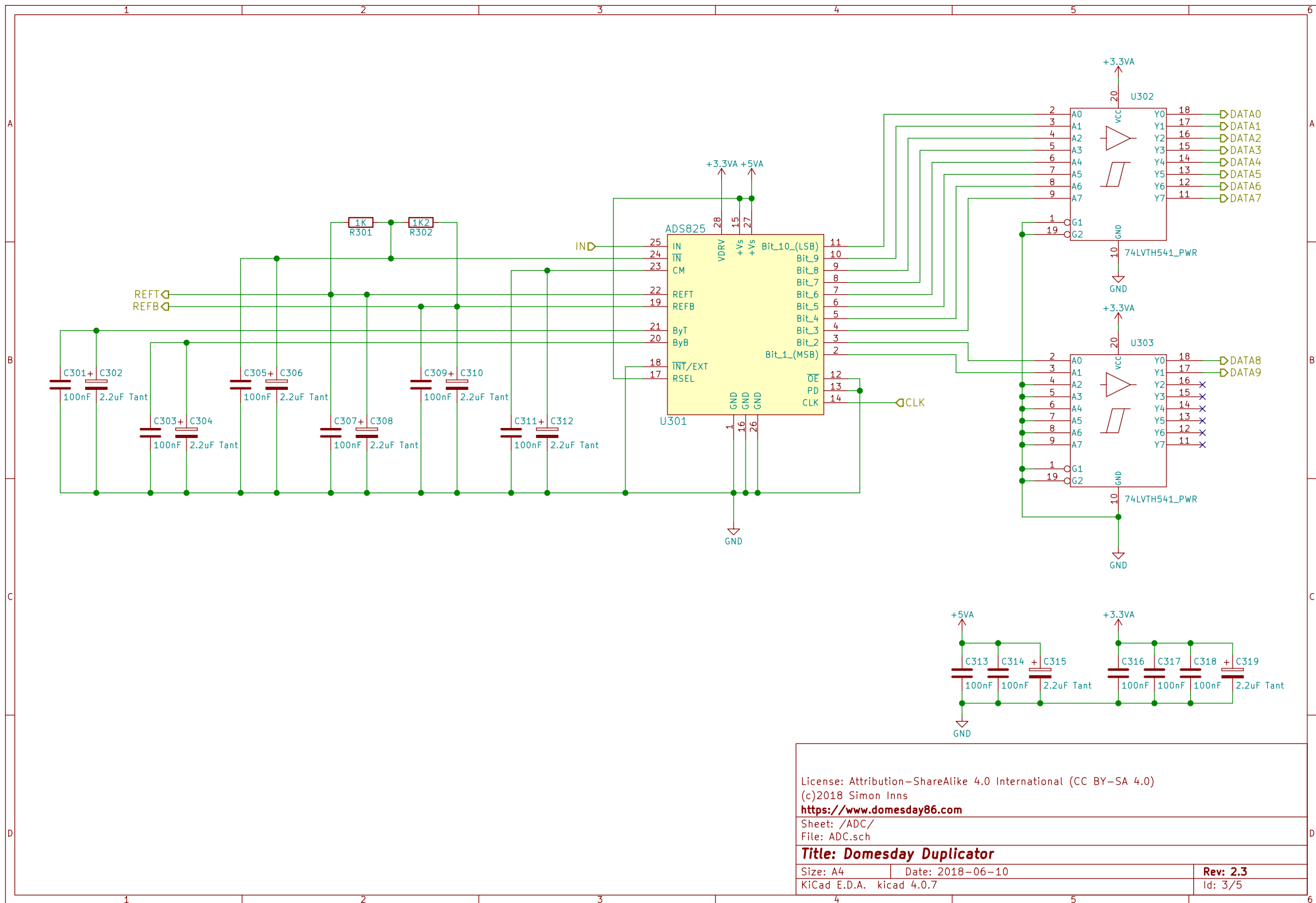
**Title: Domesday Duplicator**

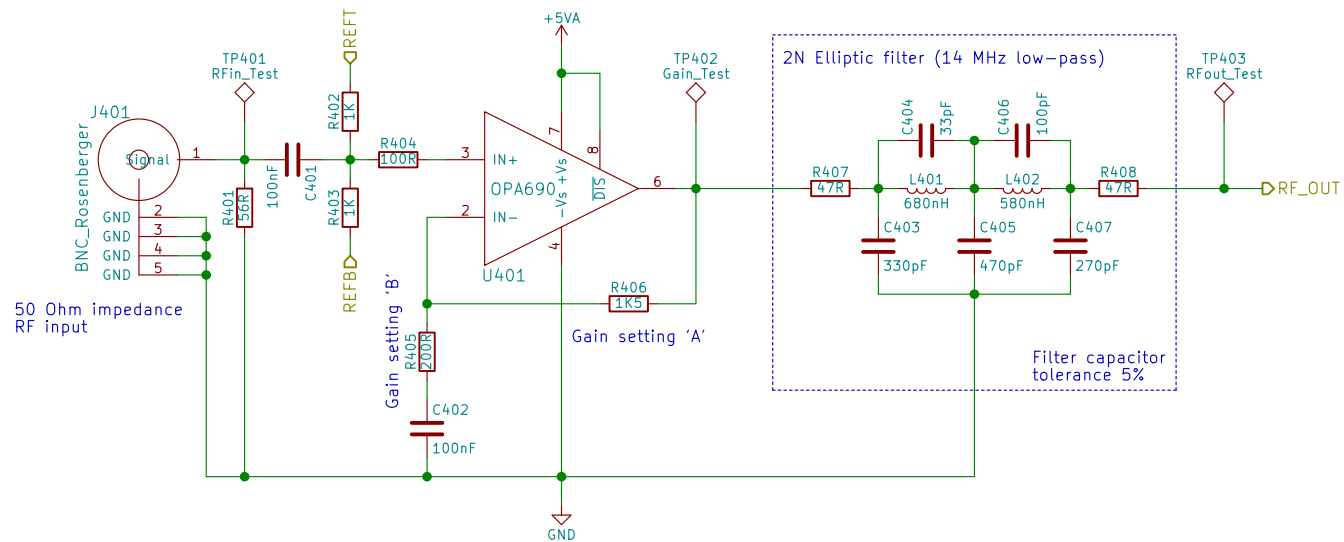
Size: A4 Date: 2018-06-10

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Id: 2/5





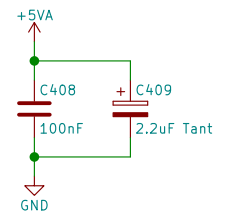
Note:  
The cable terminating resistor should take into account the parallel resistance of the dividing network:

$$1000 / 2 = 500 \text{ Ohms}$$

$$R_{total} = R1 \times R2 / (R1 + R2)$$

$$(500 \times 56) / (500 + 56) = 50.36 \text{ Ohms}$$

Note:  
There are two gain setting resistors A and B. These must be 200–1500R. Please see project notes for details about value selection



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Sheet: /RF Amplifier/

File: RF Amplifier.sch

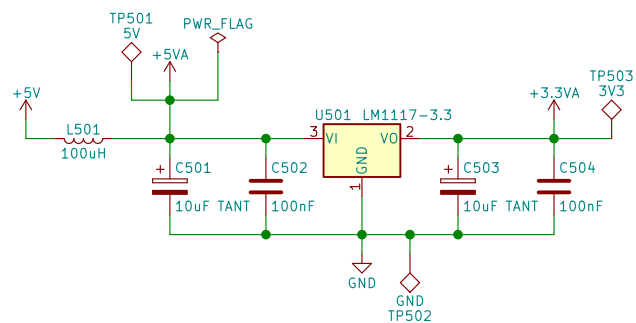
**Title: Domesday Duplicator**

Size: A4 Date: 2018–06–10

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Id: 4/5



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Sheet: /Power Supply/

File: Power Supply.sch

**Title: Domesday Duplicator – Power Supply**

Size: A4 Date: 2018-06-10

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**Rev: 2.3**

Id: 5/5