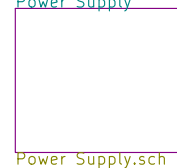


Power Supply



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

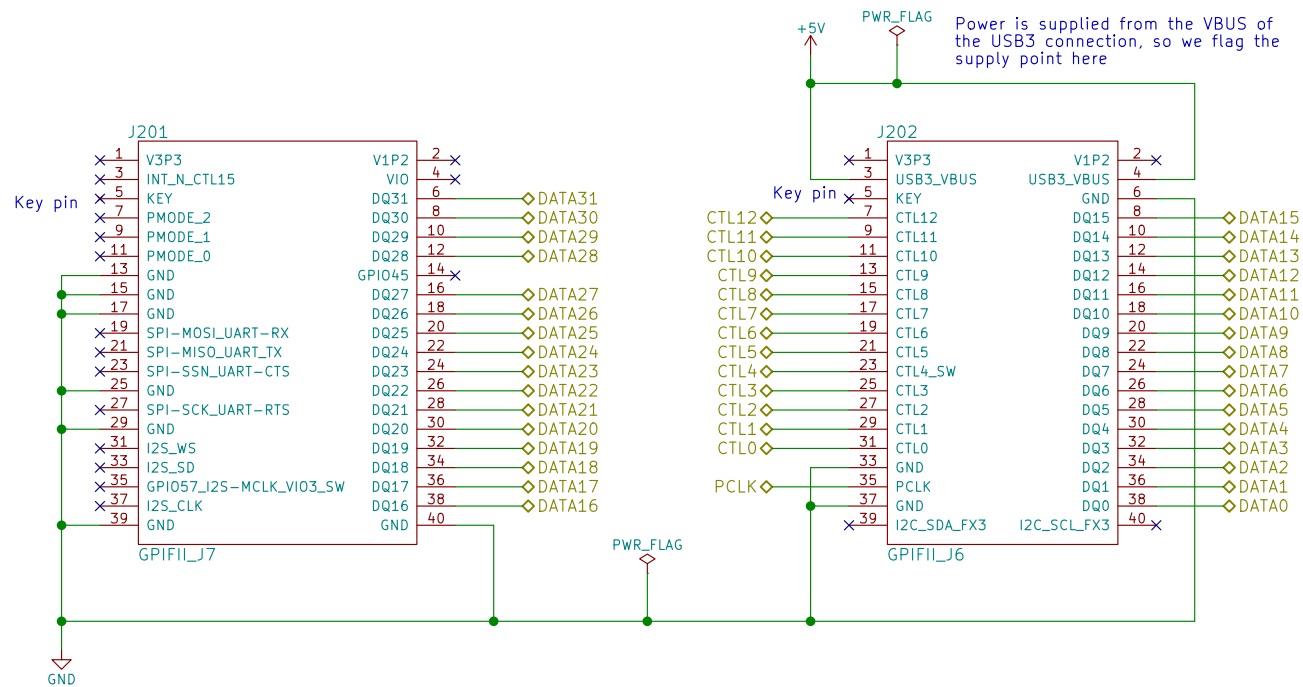
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Sheet: /  
File: Domesday Duplicator.sch

**Title: Domesday Duplicator**

Size: A4 Date: 2018-06-19  
KiCad E.D.A. kicad 4.0.7

**Rev: 3.0.1**  
Id: 1/5



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Sheet: /Cypress Superspeed Interface/

File: superspeedinf.sch

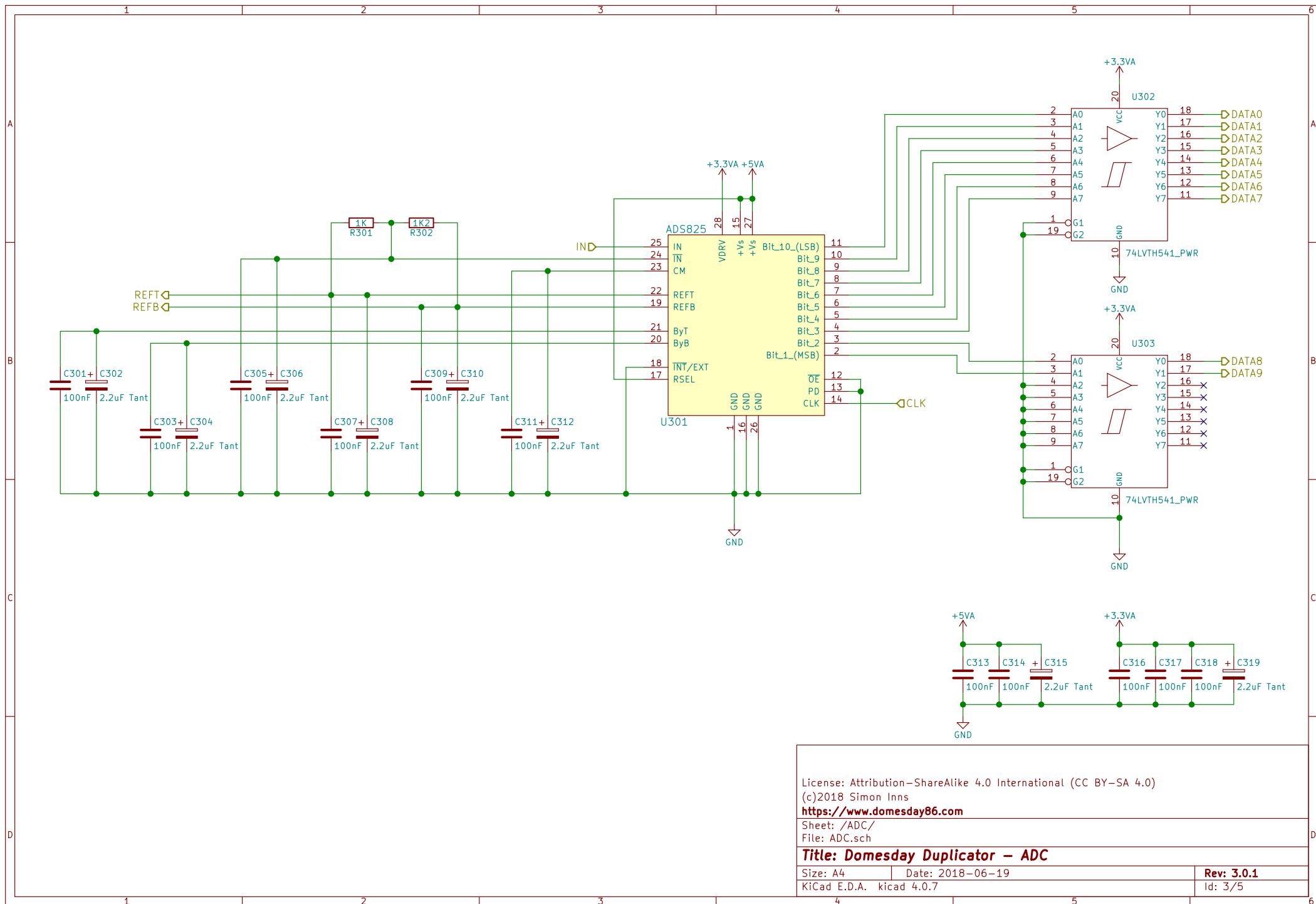
**Title: Domesday Duplicator – Cypress Superspeed Interface**

Size: A4 Date: 2018-06-19

KiCad E.D.A. kicad 4.0.7

Rev: 3.0.1

Id: 2/5



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Sheet: /ADC/

File: ADC.sch

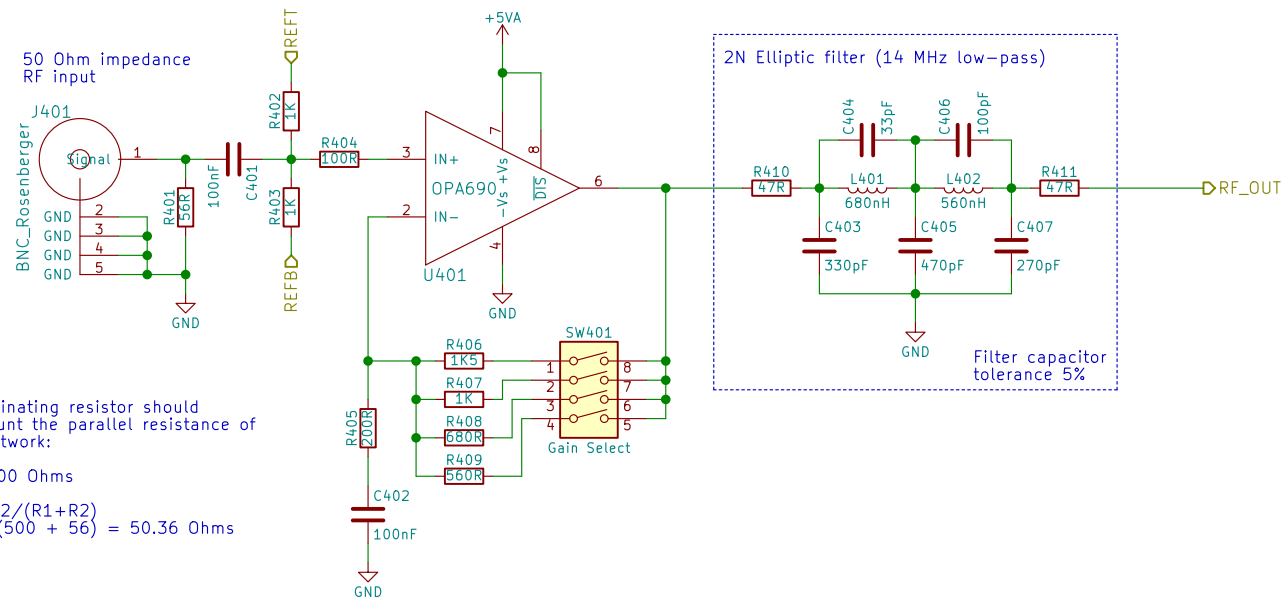
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Size: A4 Date: 2018-06-19

KiCad E.D.A. kicad 4.0.7

Rev: 3.0.1

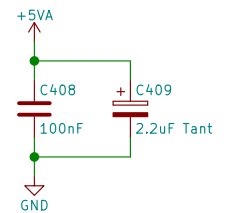
Id: 3/5



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

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

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

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


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Sheet: /RF Amplifier/  
File: RF Amplifier.sch

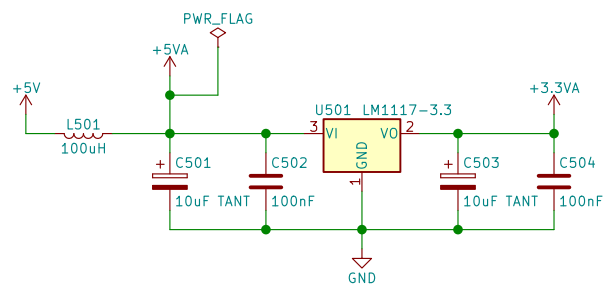
**Title: Domesday Duplicator - RF Amplifier**

Size: A4 Date: 2018-06-19

KiCad E.D.A. kicad 4.0.7

Rev: 3.0.1

Id: 4/5



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Sheet: /Power Supply/  
File: Power Supply.sch

**Title: Domesday Duplicator – Power Supply**

Size: A4 Date: 2018-06-19  
KiCad E.D.A. kicad 4.0.7

**Rev: 3.0.1**  
Id: 5/5