

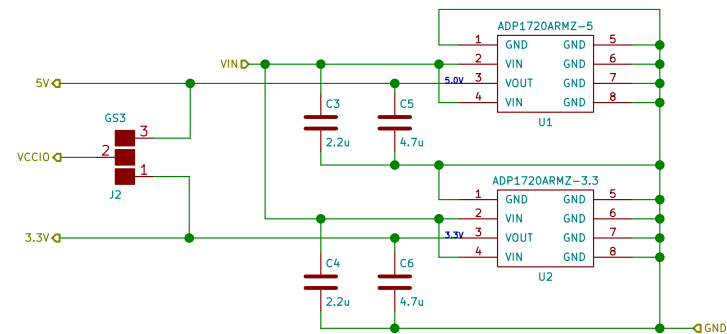
Sheet: /External Power/  
File: ExternalPower.sch

**Title: FOSSASIA – NeuroLab**

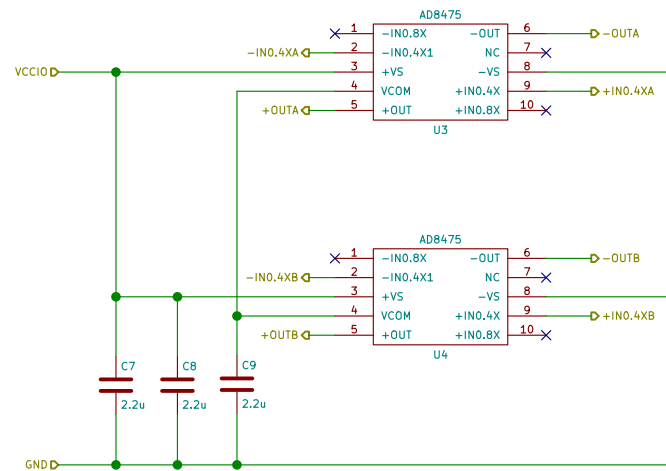
Size: A4  
KiCad E.D.A. kicad 4.0.7-e2-637658ubuntu16.04.1

Date: 2018-11-17

Rev: 2  
Id: 2/14



Sheet: /Power Regulator/		
File: PowerRegulator.sch		
<b>Title: FOSSASIA – NeuroLab</b>		
Size: A4	Date: 2018-11-17	Rev: 2
KiCad E.D.A. kicad 4.0.7-e2-637658ubuntu16.04.1		Id: 3/14



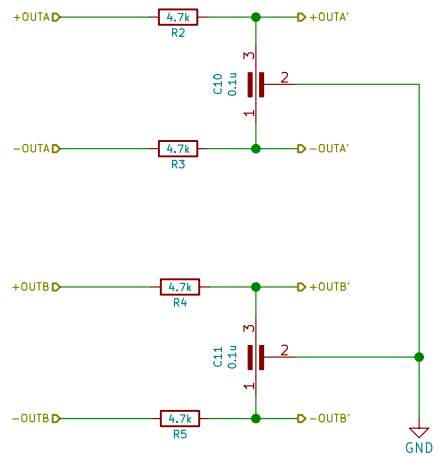
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File: Attenuator.sch

**Title: FOSSASIA – NeuroLab**

Size: A4  
KiCad E.D.A. kicad 4.0.7-e2-637658ubuntu16.04.1

Date: 2018-11-17

Rev: 2  
Id: 4/14



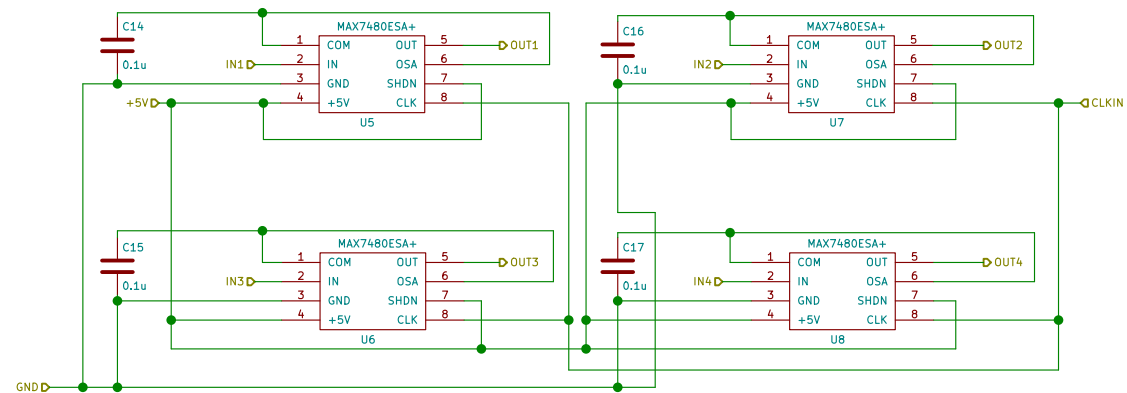
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File: RCFilterBlock1.sch

**Title: FOSSASIA – NeuroLab**

Size: A4  
KiCad E.D.A. kicad 4.0.7-e2-637658ubuntu16.04.1

Date: 2018-11-17

Rev: 2  
Id: 5/14

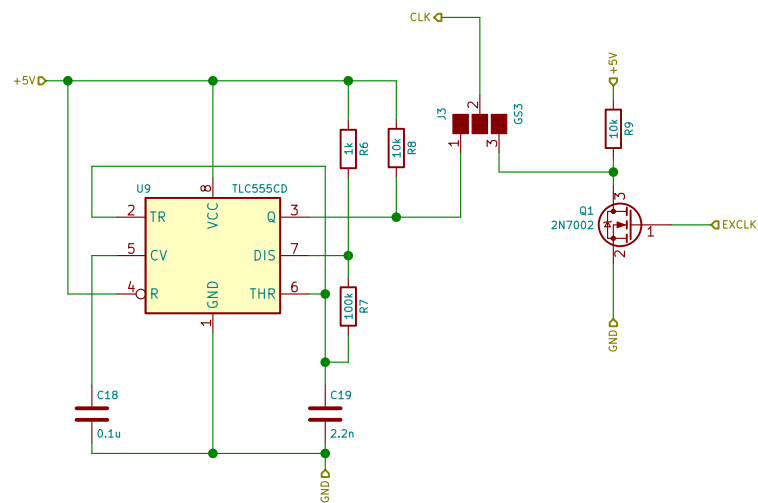


Sheet: /MAX7480 Block/  
File: MAX7480Block.sch

**Title: FOSSASIA – NeuroLab**

Size: A4 Date: 2018-11-17  
KiCad E.D.A. kicad 4.0.7-e2-637658ubuntu16.04.1

**Rev: 1**  
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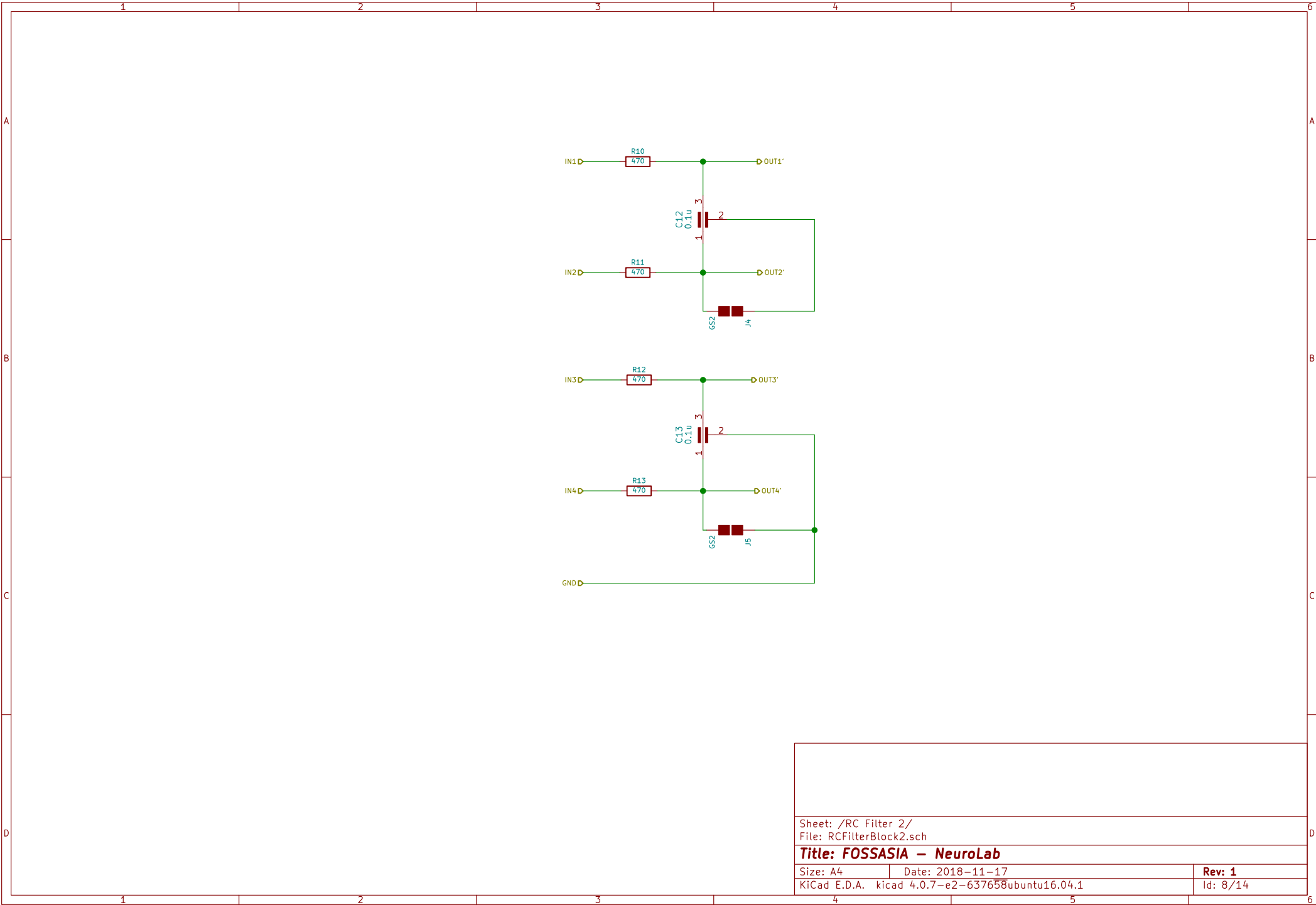
Sheet: /Clock Block/  
File: ClockBlock.sch

**Title: FOSSASIA – NeuroLab**

Size: A4  
KiCad E.D.A. kicad 4.0.7-e2-637658ubuntu16.04.1

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RFI, EMI Filter  
 $F = 1/2\pi RC$   
 Source = 4.7k : 1nF : 33.8 kHz  
 Source = 15k : 1nF : 10.6 kHz  
 Source = 100k : 1nF : 1.59 kHz  
 Source = 1M : 1nF : 0.16 kHz

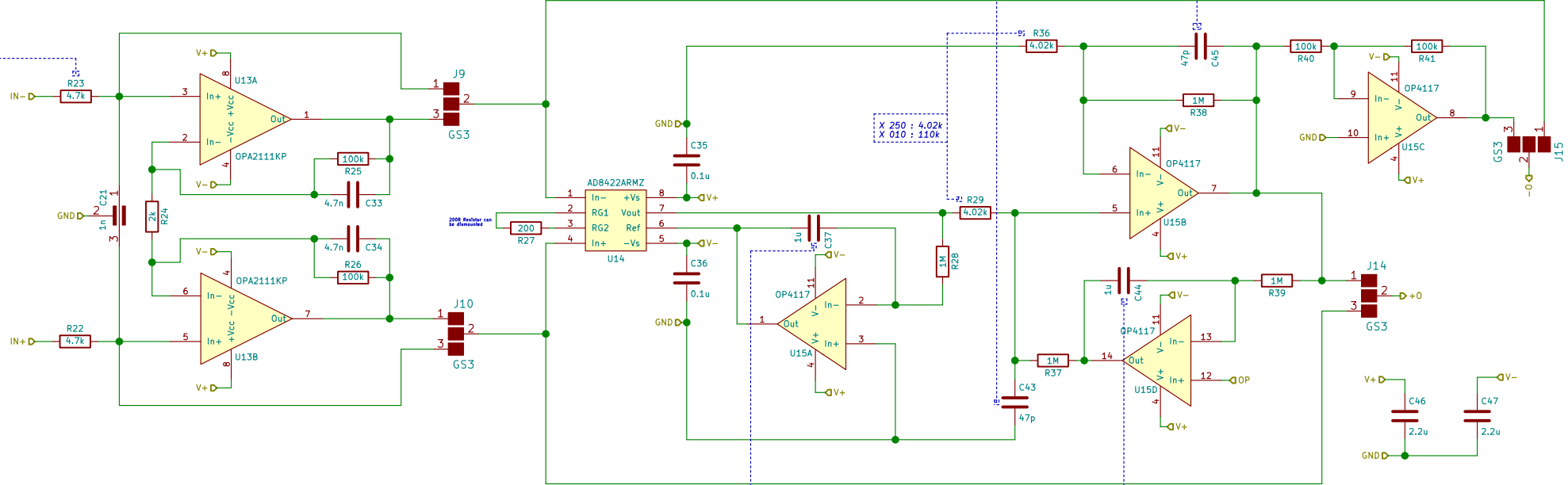
High Cut  
 47 pF --> 3390 Hz  
 470 pF --> 339 Hz

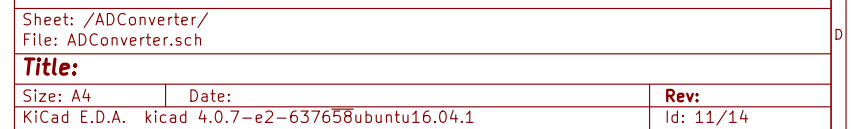
X 250 : 4.02k  
 X 010 : 110k

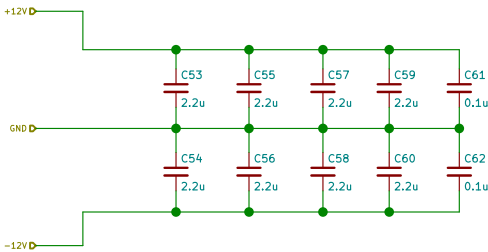
Low Cut  
 0.159 Hz --> 1.0 uF  
 1.590 Hz --> 0.1 uF

200R Resistor can  
 be discontinued

Sheet: /Amplifier Block 2/ File: Amplifier.sch	
<b>Title: FOSSASIA – NeuroLab</b>	
Size: A4	Date: 2018-11-17
KiCad E.D.A. kicad 4.0.7-e2-637658ubuntu16.04.1	Rev: 2 Id: 10/14





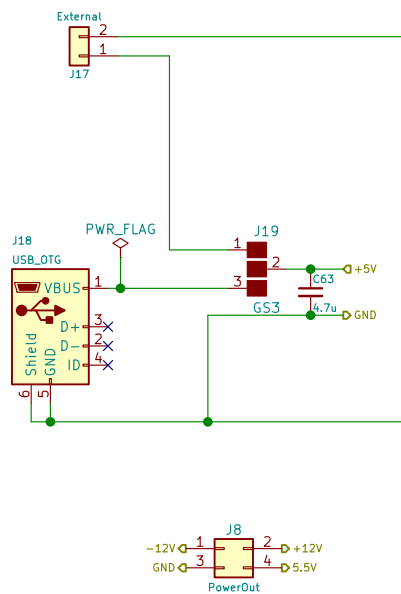


Sheet: /Cap Bank/  
File: CapBank.sch

**Title:**

Size: A4      Date:      KiCad E.D.A.   kicad 4.0.7-e2-637658ubuntu16.04.1

**Rev:**  
Id: 12/14



Sheet: /USB Power/  
File: USBPower.sch

**Title:**

Size: A4

Date:

Rev:

KiCad E.D.A. kicad 4.0.7-e2-637658ubuntu16.04.1

Id: 13/14

