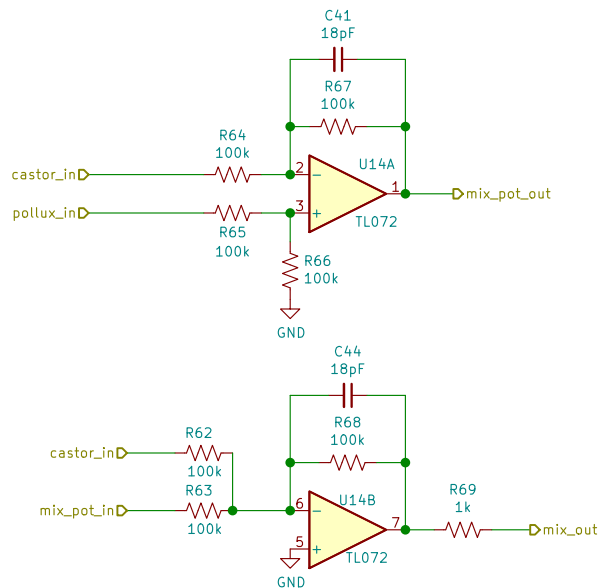
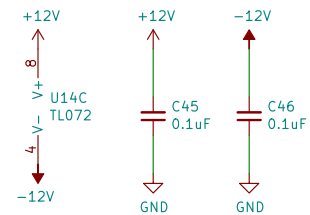


Power consumption: 65–100mA, 0.7–1.2W  
Power dissipated: 0.8W  
Heatsink area: 1.15in<sup>2</sup>  
Thermal resistance: 66 C/W (estimated)  
Maximum thermal resistance: 118 C/W  
Alternatives considered:  
– LD2981 (< 100mA)  
– TPS62135 (> 100mA)

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mix gain may need to be adjusted, test prototype for clipping



Alethea Flowers  
CERN-OHL-P v2

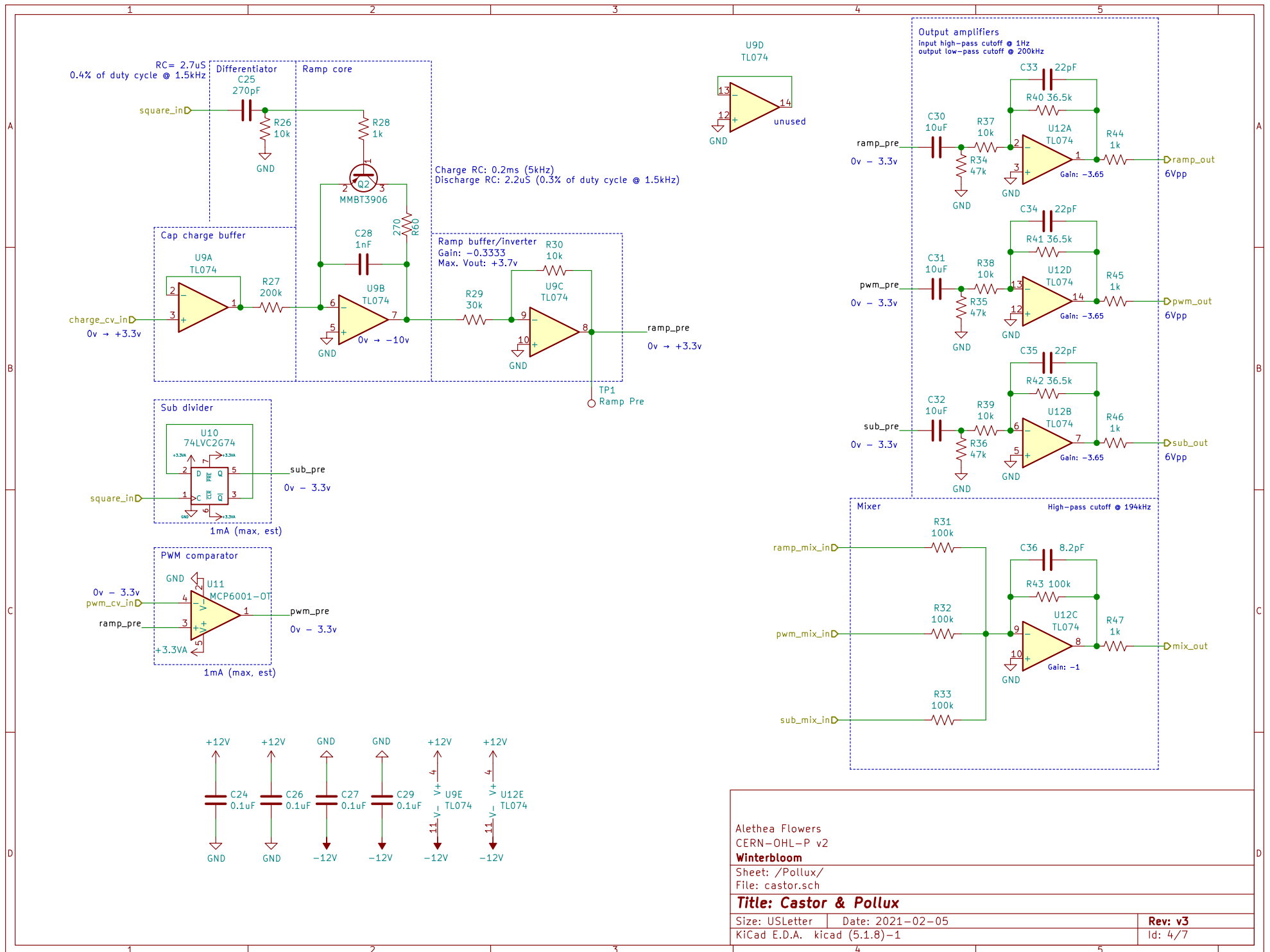
**Winterbloom**

Sheet: /Output Mixer/  
File: outputmixer.sch

**Title: Castor & Pollux**

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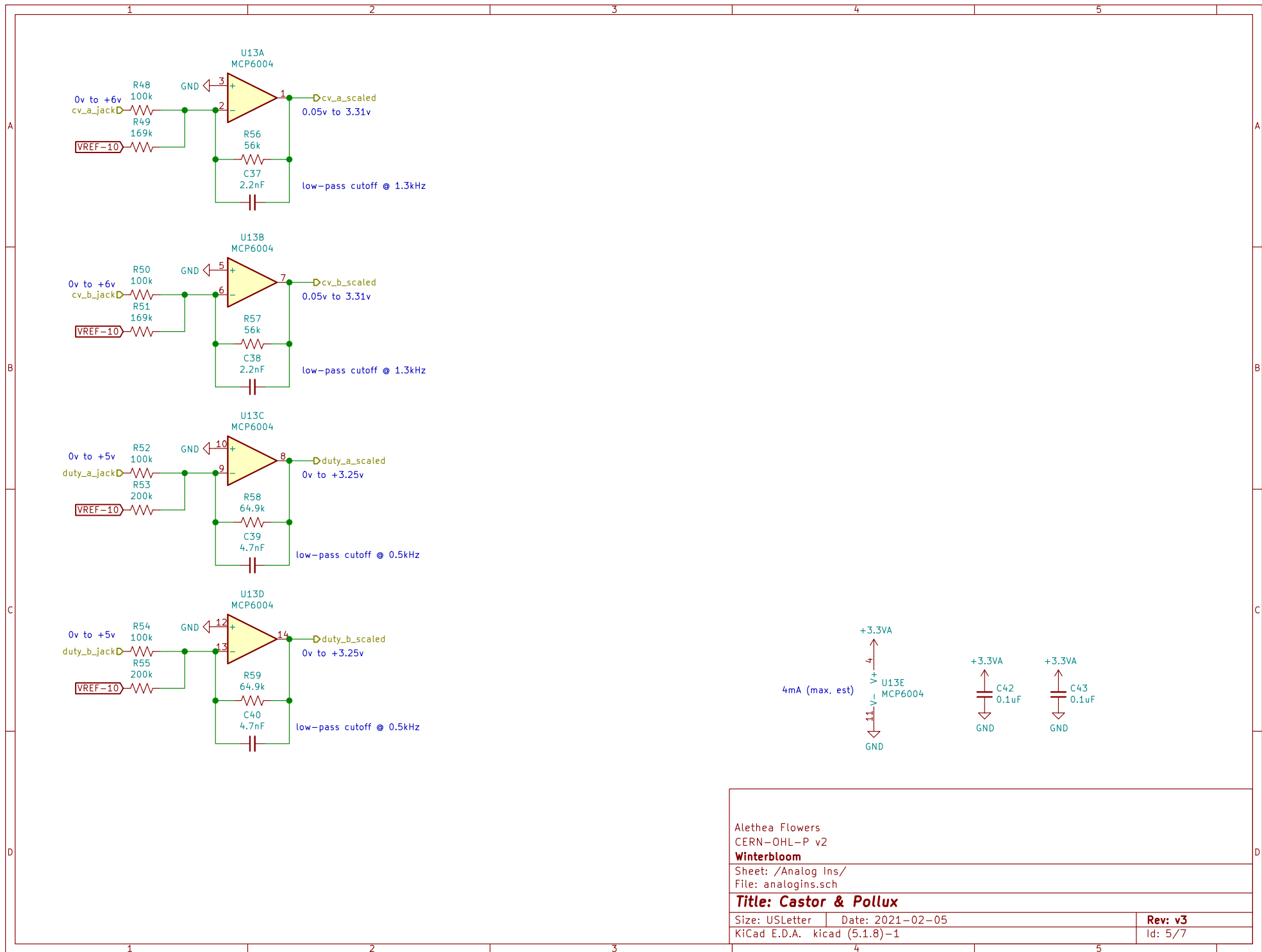


Alethea Flowers  
CERN-OHL-P v2  
Winterbloom  
Sheet: /Pollux/  
File: castor.sch

### Title: Castor & Pollux

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Alethea Flowers  
CERN-OHL-P v2

**Winterbloom**

Sheet: /Analog Ins/  
File: analogins.sch

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