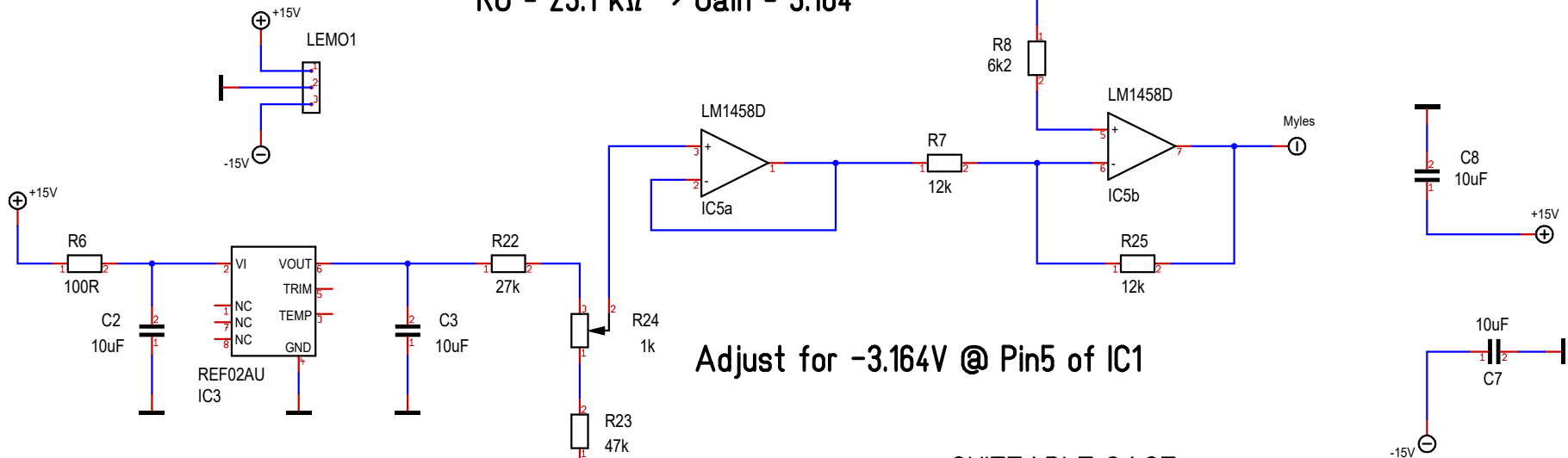


Gain = 1 + (50 kΩ / R_G)
 R_G = 23.1 kΩ → Gain = 3.164

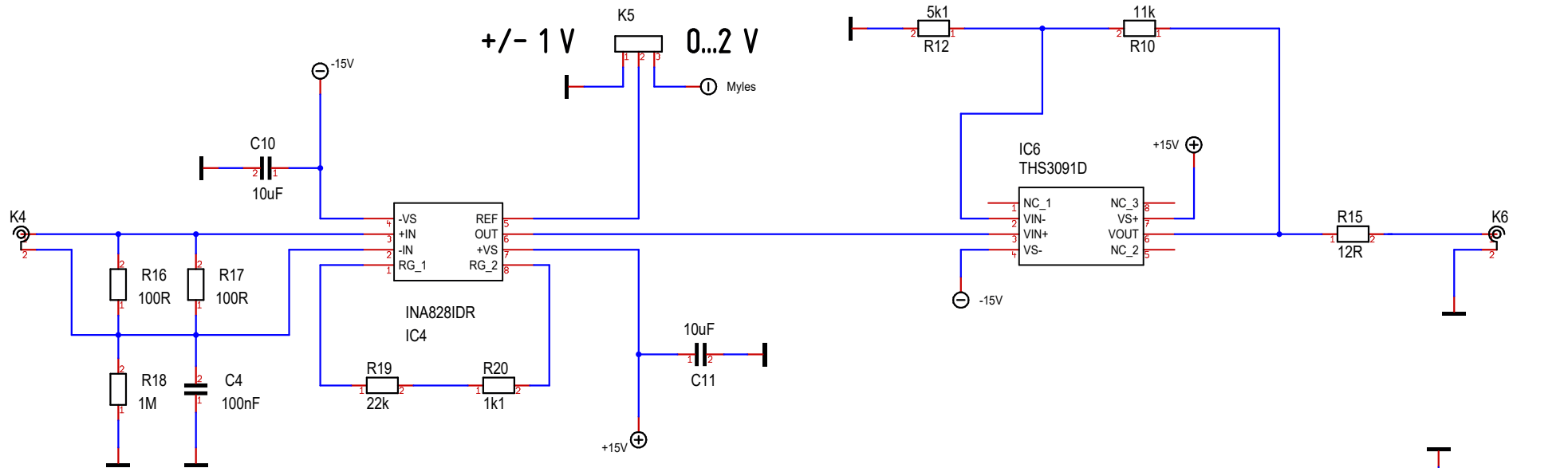


Adjust for -3.164V @ Pin5 of IC1

For Amp04
 Gain = 100 kΩ / R_G
 R_G = 31.600 kΩ → Gain = 3.16455

SUITEABLE CASE :
 fischer elektronik FR 80 42 100ME
 available in da shop. Guckst du 30456.2

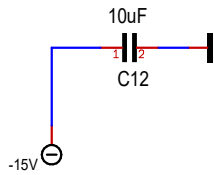
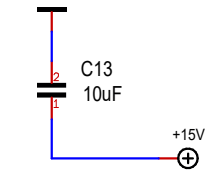
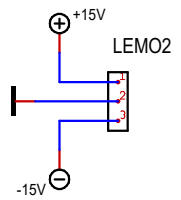
Masstab	101.39%	Alexander C. Frank	Blatt : CHANNEL#1
Änderung	15.11.2022 15:51	ETH QUANTUMOPTICS	
Ausgabe	06.03.2025 14:10		
Datei	RedPitayaBooster-V2.T3001		



$\pm 1\text{ V}$ $0 \dots 2\text{ V}$

$$\text{Gain} = 1 + (50\text{ k}\Omega / R_G)$$

$$R_G = 23.1\text{ k}\Omega \rightarrow \text{Gain} = 3.164$$



Masstab	101.39%	Alexander C. Frank	Blatt : CHANNEL#2
Änderung	15.11.2022 15:51	ETH QUANTUMOPTICS	
Ausgabe	06.03.2025 14:10		
Datei	RedPitayaBooster-V2.T3001		