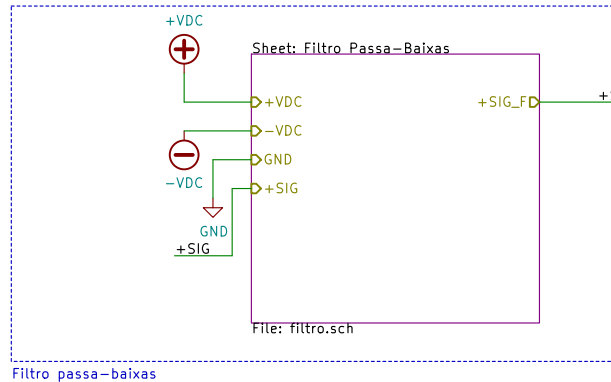
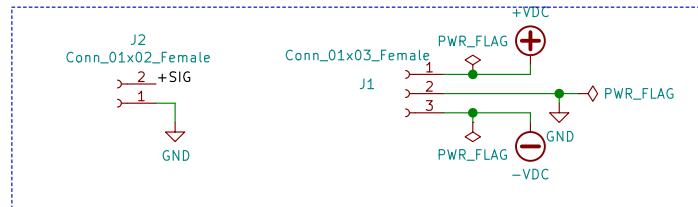
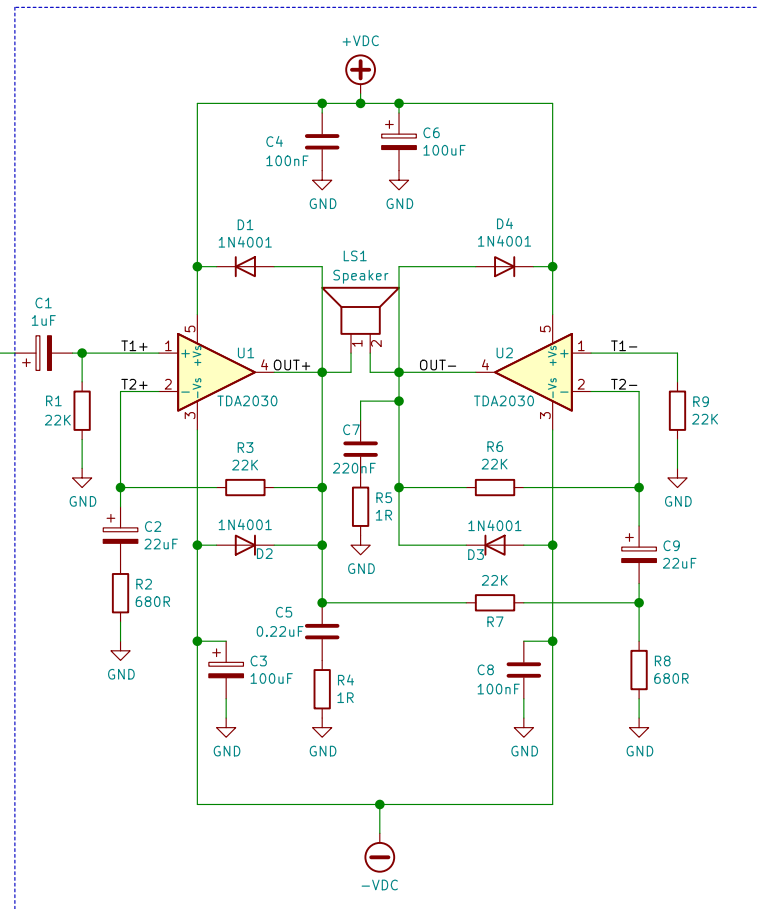


# Conectores



# Amplificador e saída



Design por Raphael Cardoso  
UFS

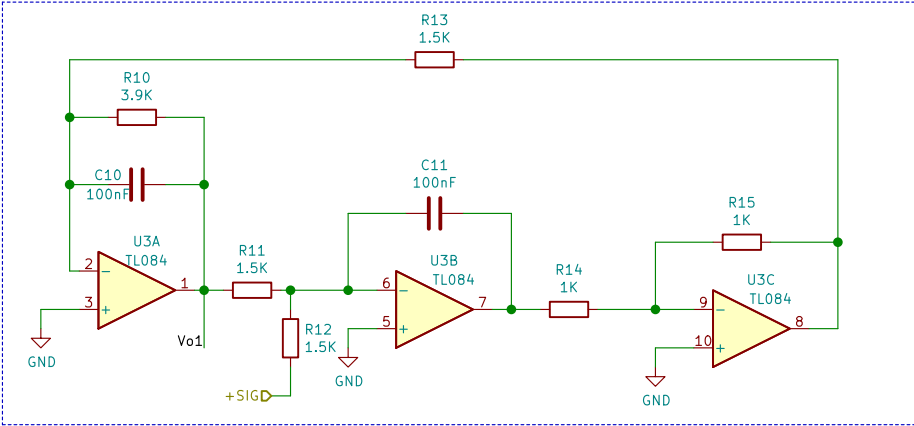
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**Title: Amplificador de Áudio**

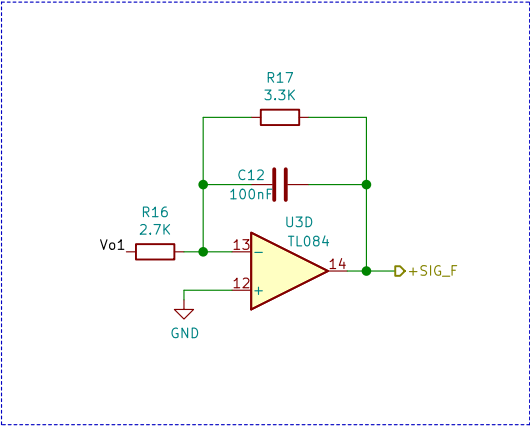
Size: A4 Date: 2020-06-30  
KiCad E.D.A. kicad 5.1.6

Rev: 2  
Id: 1/2

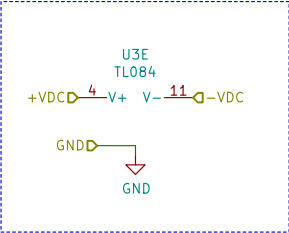
Primeiro estágio – Filtro de segunda ordem



Segundo estágio – Filtro de primeira ordem



Alimentação



Filtro passa-baixas de Chebyshev  
Fp1 = 1.2kHz, Fs1 = 4.2kHz, Gcc = 0.5V/V  
Amin = 40dB, Amax = 2dB  
Design por Raphael Cardoso  
**UFS**

Sheet: /Filtro Passa-Baixas/  
File: filtro.sch

**Title: Amplificador de Áudio**

Size: A4 Date: 2020-06-30  
KiCad E.D.A. kicad 5.1.6

Rev: 2  
Id: 2/2