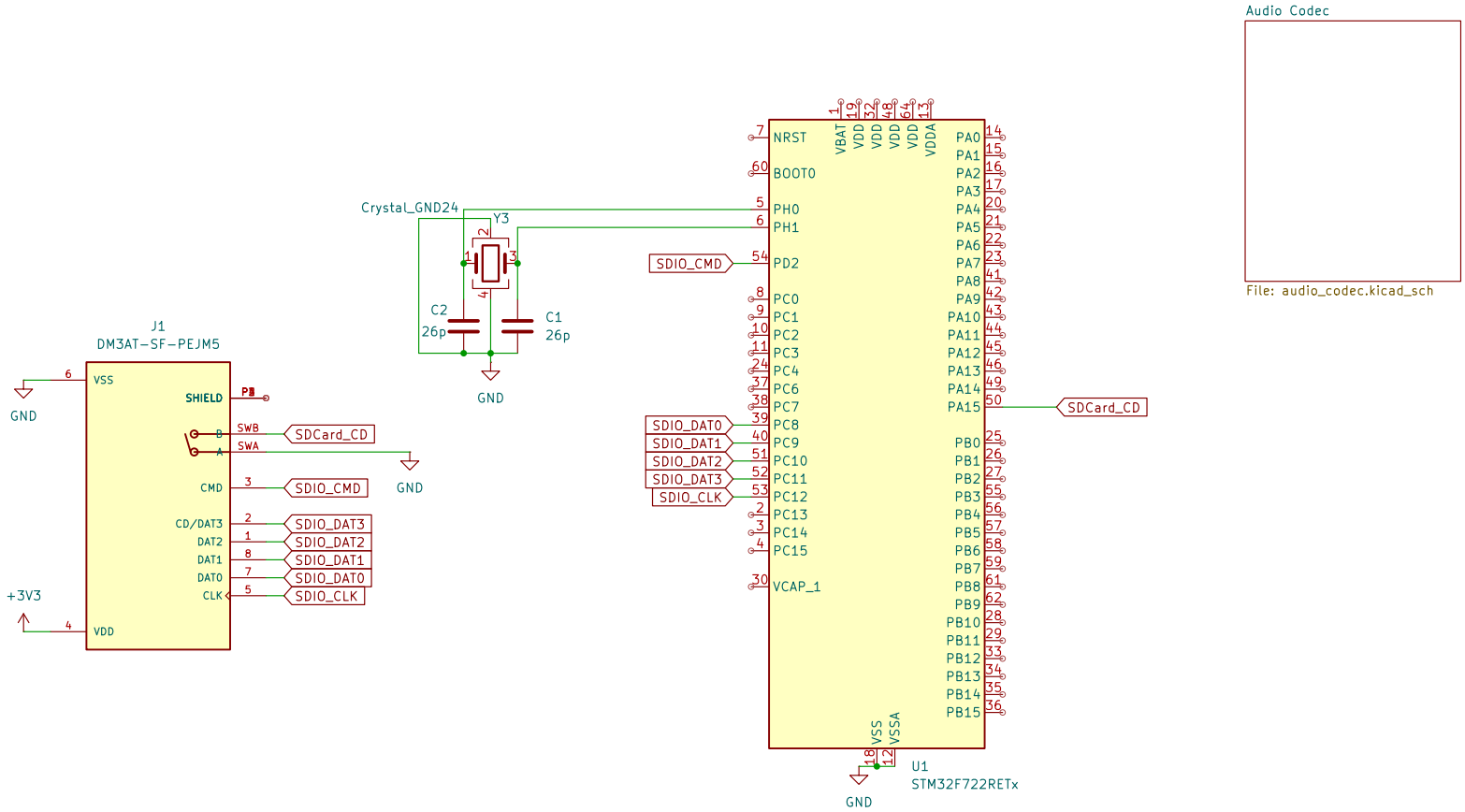
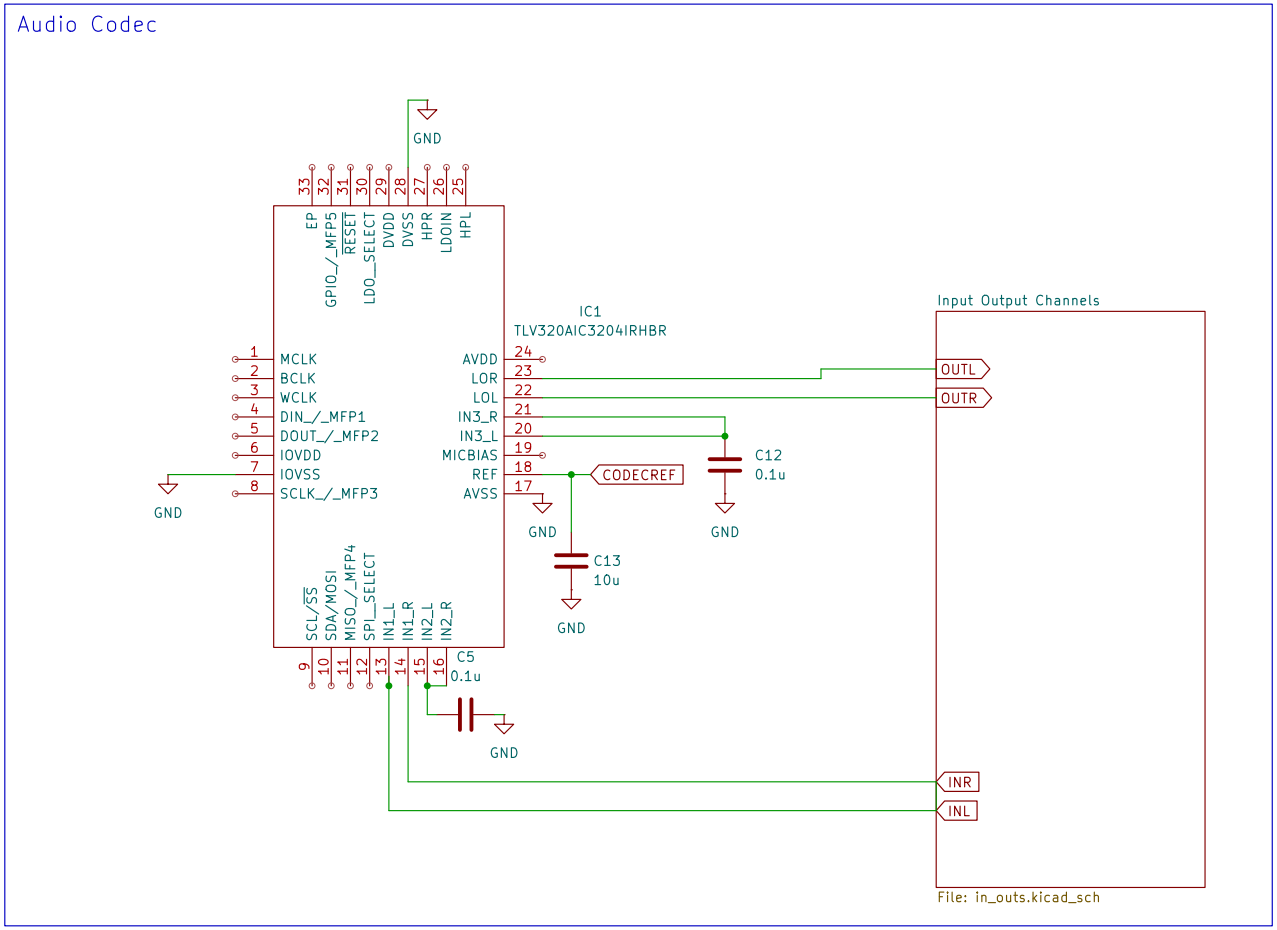


Sheet: /		
File: ima_new_codec.kicad_sch		
Title:		
Size: A4	Date:	**Rev:**
KiCad E.D.A. 8.0.4		Id: 1/3



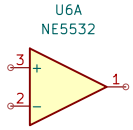
Sheet: /Audio Codec/ File: audio_codec.kicad_sch		
Title:		
Size: A4	Date:	**Rev:**
KiCad E.D.A. 8.0.4		Id: 2/3

Calculation of input AC-coupling Capacitor

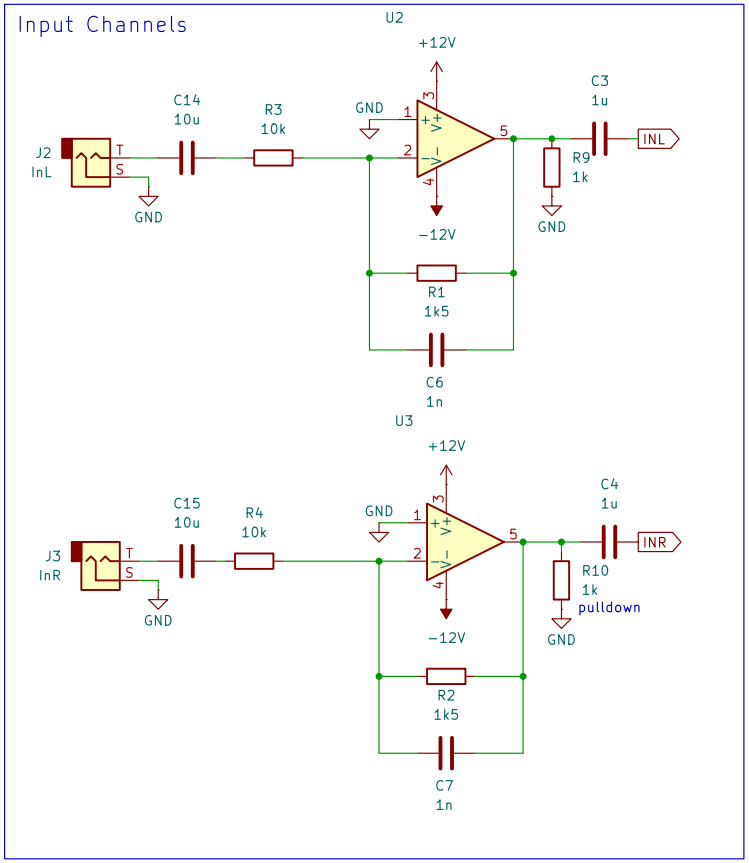
Req = Rin x (1 + 2g)/(1+g)
bei g = 1 und Rin = 10k

Req = 30k

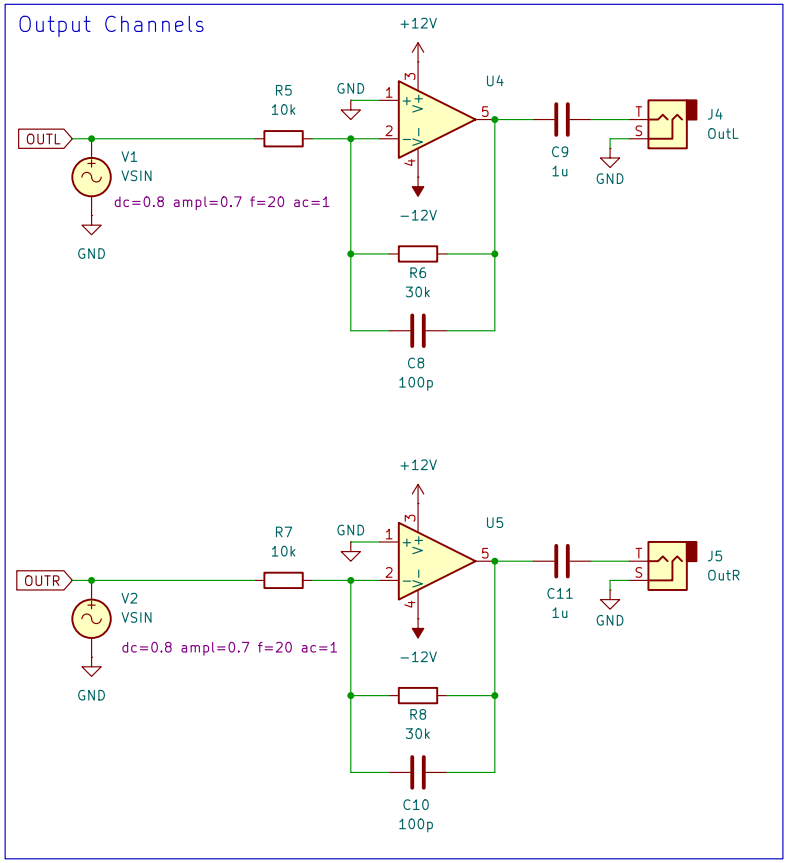
Fc = 1/(2 x π x ReqCc)
bei Cc = 1u
Fc = 5Hz



Input Av = 0.15



Output Av = 3.0



Sheet: /Audio Codec/Input Output Channels/		
File: in_outs.kicad_sch		
Title:		
Size: A4	Date:	**Rev:**
KiCad E.D.A. 8.0.4		Id: 3/3