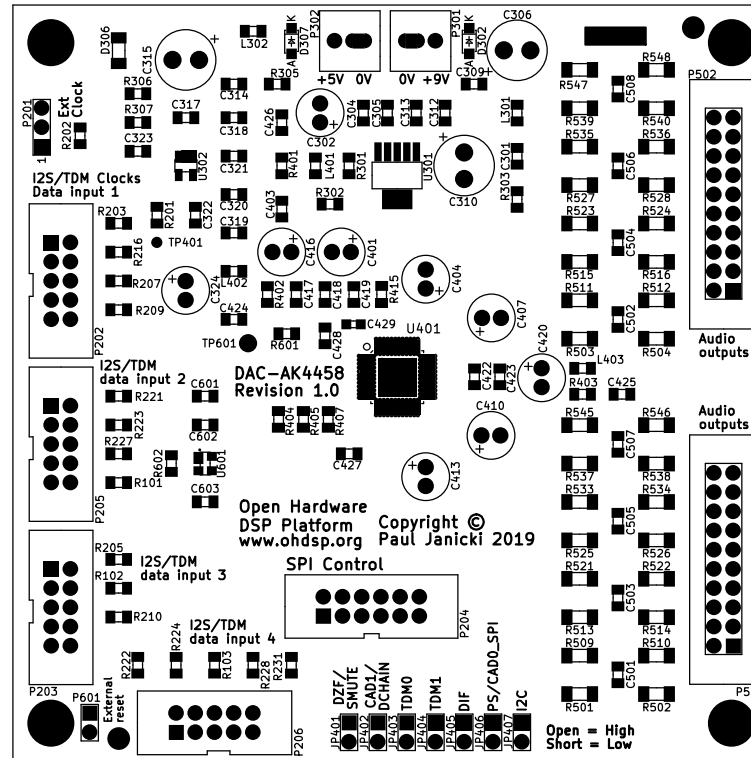


Open Hardware DSP Platform – www.ohdsp.org DAC-AK4458 with Passive Output Filters Revision 1.0



Notes:

Dirty PCB 4 layer stackup:
1oz copper
0.2mm FR4
0.5oz copper
1.2mm FR4
0.5oz copper
0.2mm FR4
1oz copper

50ohm traces with ground plane:
Trace 0.35mm, Clearance 0.2mm

75ohm traces with ground plane:
Trace 0.18mm, Clearance 0.5mm

89ohm traces with ground plane:
Trace 0.135 to 0.155mm Clearance 0.5mm to 1mm (to other traces)

Use 26AWG ribbon cables to match PCB impedances (approx 89ohm)

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Sheet: File: DAC-AK4458-1.0.kicad_pcb	
Title: DAC-AK4458 with Passive Output Filters	
Size: A4	Date: 2019-04-03
KiCad E.D.A. kicad (5.1.0)-1	Rev: 1.0 Id: 1/1