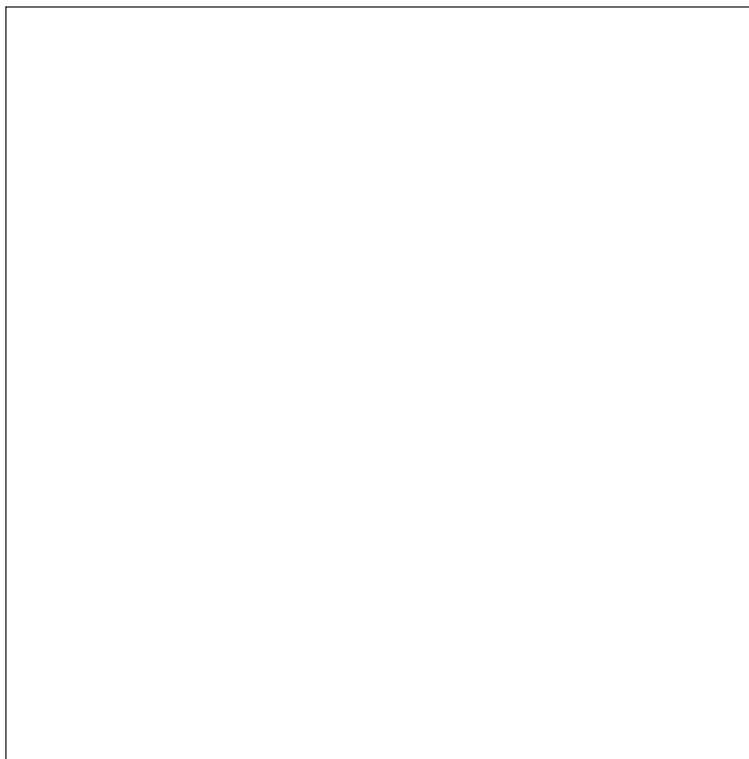Open Hardware DSP Platform — www.ohdsp.org
DAC—AK4458 with Passive Output Filters
Revision 1.0

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)

Sheet:
File: DAC—AK4458—1.0.kicad_pcb
Title: DAC—AK4458 with Passive Output Filters

| Size: A4 | Date: 2019—04—03 | Rev: 1.0 |
| KiCad E.D.A. kicad (5.1.0)—1 | | Id: 1/1 |