

bus



File: bus.kicad_sch

TTS



File: TTS.kicad_sch

GAL



File: GAL.kicad_sch

IO



File: IO.kicad_sch

Mixer



File: Mixer.kicad_sch

power



File: power.kicad_sch

ADC-DAC



File: ADC-DAC.kicad_sch

buffers



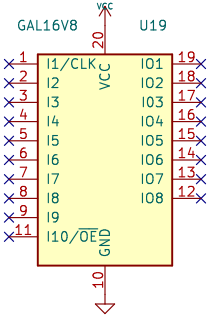
File: buffers.kicad_sch

Sound



File: Sound.kicad_sch

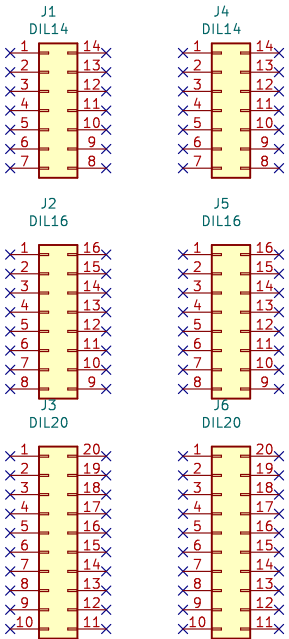
SPARE GAL FOR
DEBUGGING

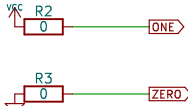
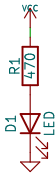
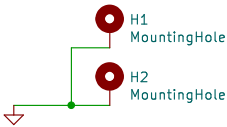
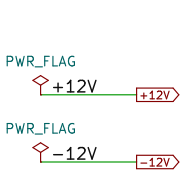
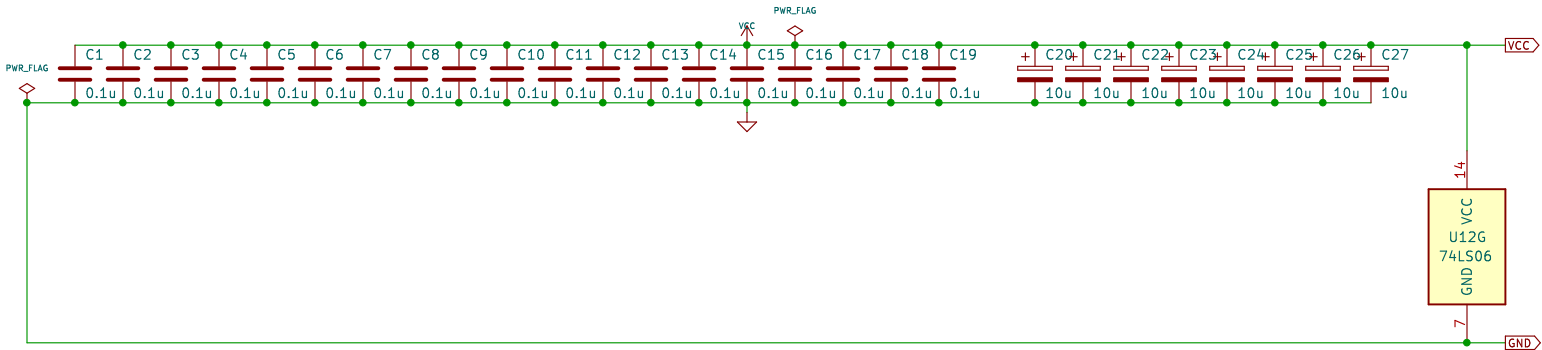


THROUGH HOLES FOR
PATCH WIRE ROUTING
ACROSS SIDES

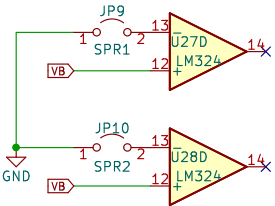
- H3 MountingHole
- H4 MountingHole

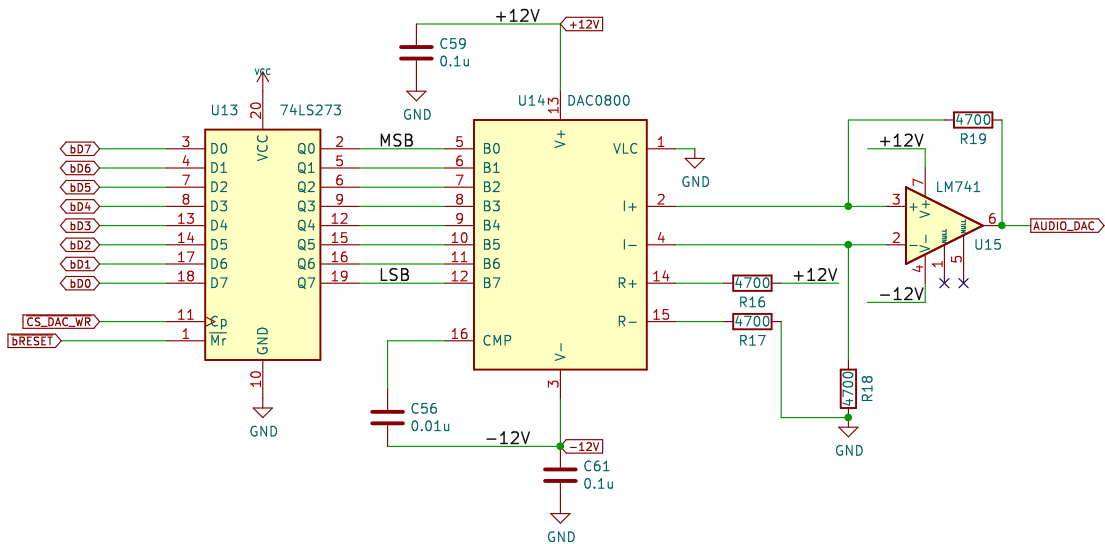
SPARE SOCKETS
FOR DEBUGGING



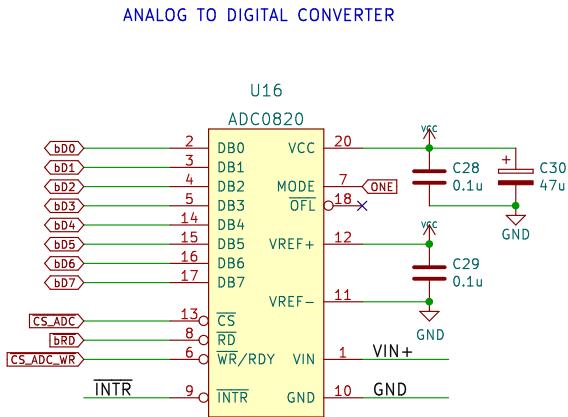


Spare Components

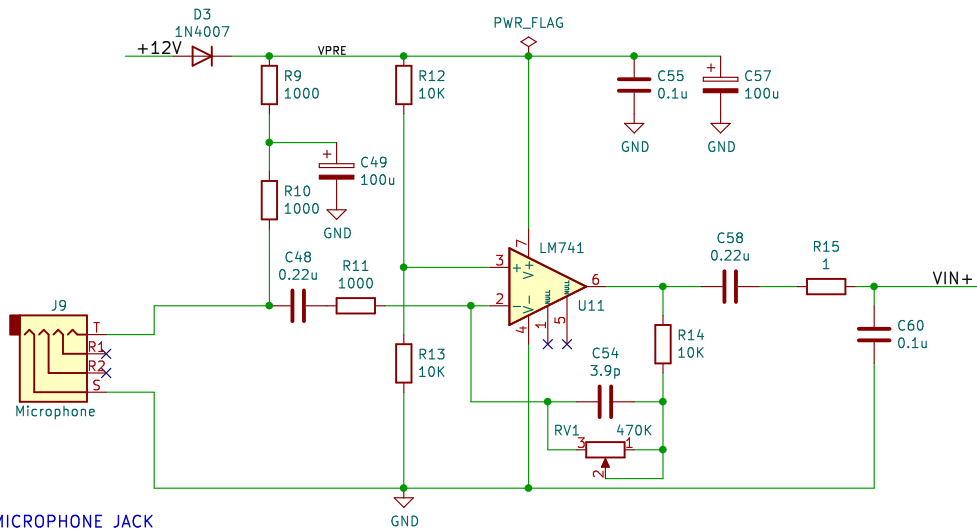




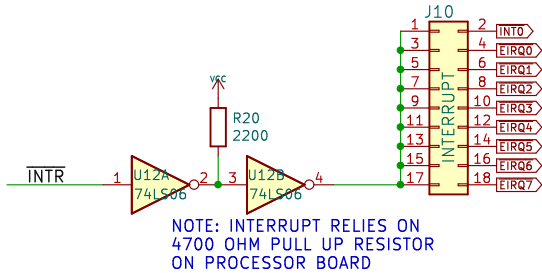
DIGITAL TO ANALOG CONVERTER



ANALOG TO DIGITAL CONVERTER

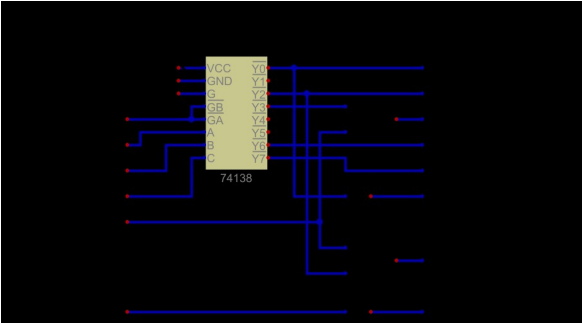
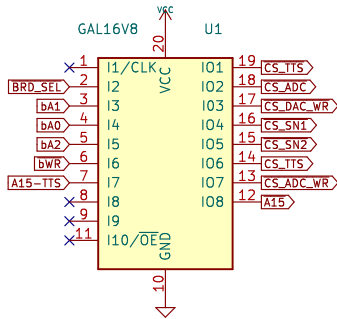


MICROPHONE PRE-AMPLIFIER



NOTE: INTERRUPT RELIES ON 4700 OHM PULL UP RESISTOR ON PROCESSOR BOARD

VOICE CS GAL16V8



Sheet: /GAL/
File: GAL.kicad_sch

Title:

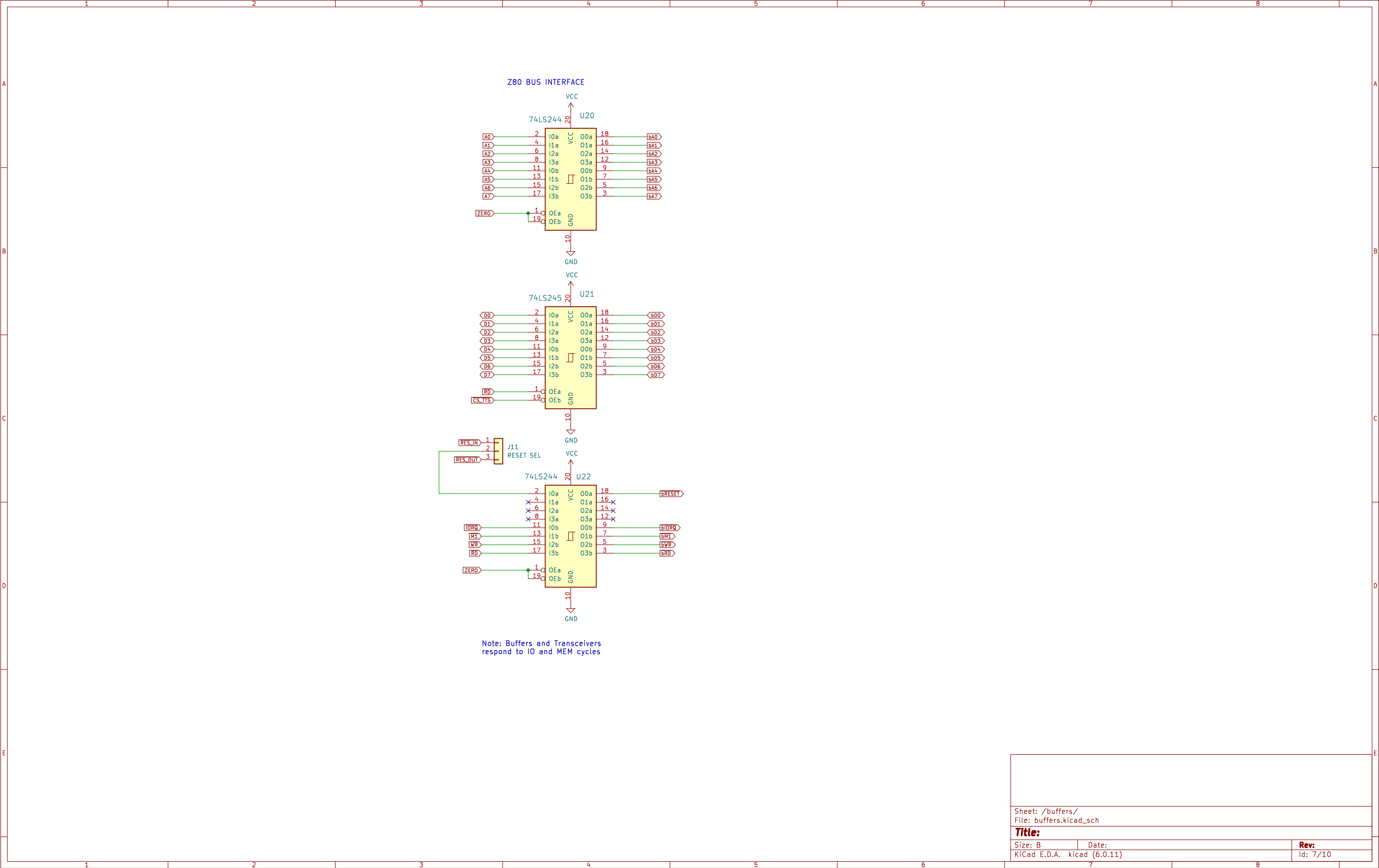
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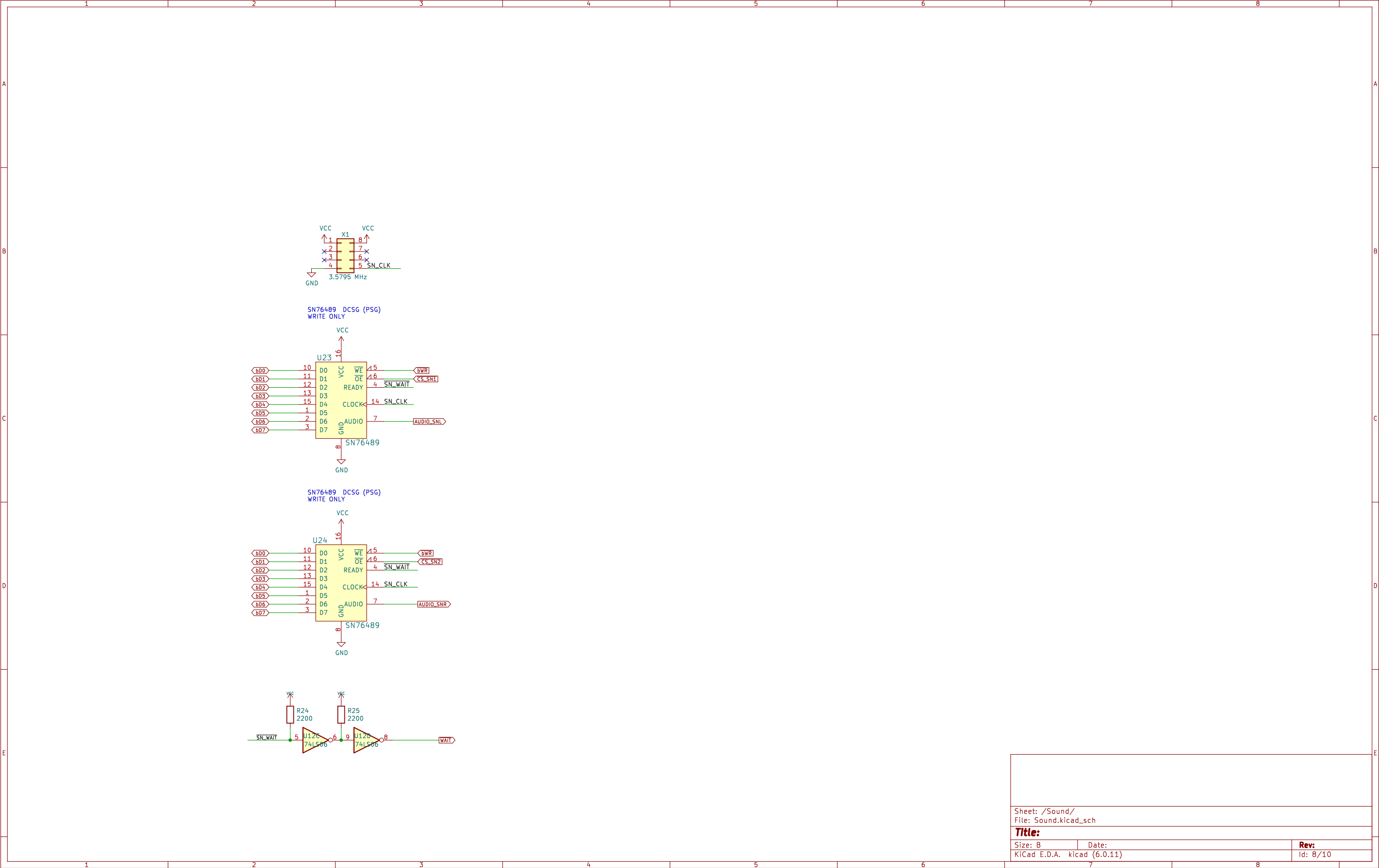
Date:

KiCad E.D.A. kicad (6.0.11)

Rev:

Id: 6/10





Note: IO Address Port \$98-\$9F
 1-2 = off - A7 (high)
 3-4 = on - A6 (low)
 5-6 = on - A5 (low)
 7-8 = off - A4 (high)
 9-10 = on - A3 (low)

