



CPU, RAM, CS



cpu-base-ram-cs.sch

Video Interface



video-interface.sch

Pokey PIA Keyboard Mouse Joystick



pokey-pia-kbd-mouse-joy.sch

Pokey2 Audio



pokey2-audio.sch

Redrawn in KiCad by Ivo van Poorten
Based on Michael St. Pierre's revision 1.1 2017-10-1

Sheet: /
File: 1088XEL.sch

Title: 1088XEL

Size: A4 Date: 2017-11-05

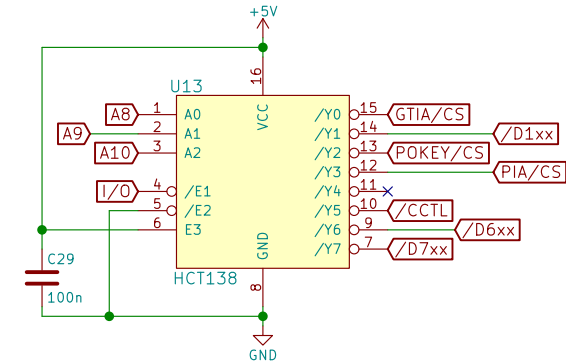
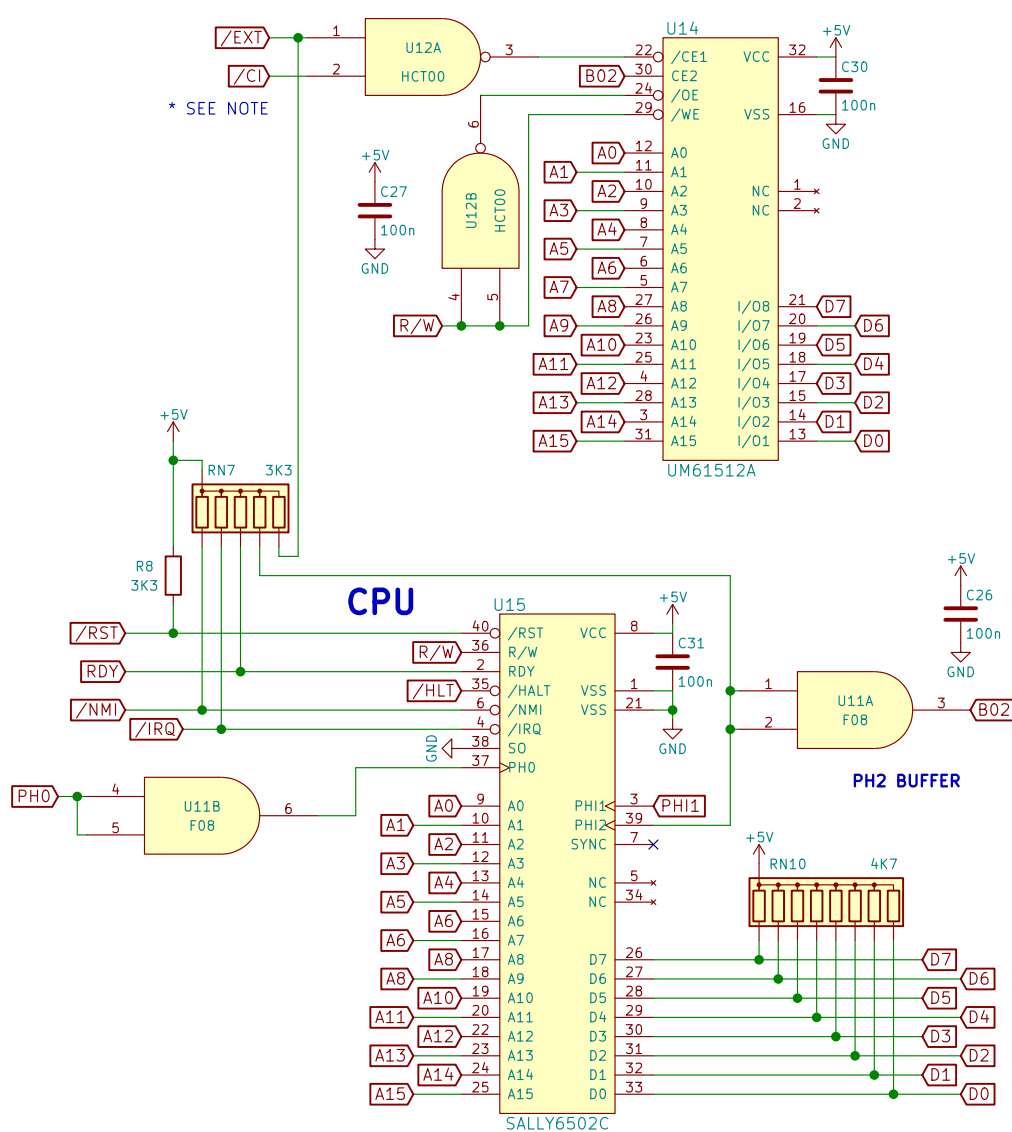
KiCad E.D.A. kicad 4.0.5+dfsg1-4

Rev: A

Id: 1/5

64kB BASE MEMORY

CHIP SELECT DECODING



* NOTE: /EXT = /EXTSEL, REQUEST BY EXTERNAL DEVICE (PBI) TO TURN OFF RAM ACCESS
/CI = /CASINH, RAM CAS INHIBIT GENERATED BY U1MB MMU DECODING

Redrawn in KiCad by Ivo van Poorten
Based on Michael St. Pierre's revision 1.1 2017-10-1

Sheet: /CPU, RAM, CS/
File: cpu-base-ram-cs.sch

Title: 1088XEL

Size: A4 Date: 2017-11-05

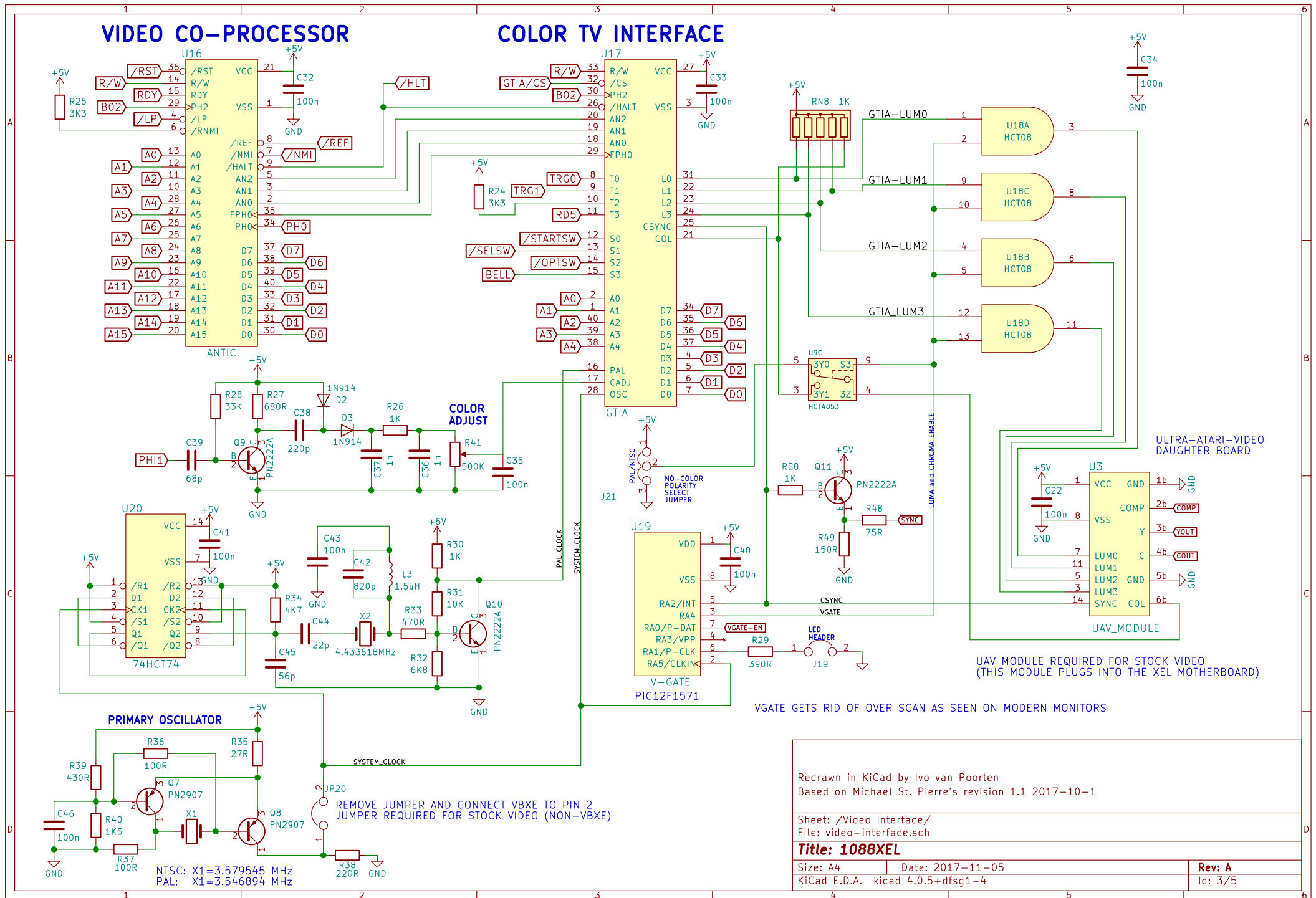
KiCad E.D.A. kicad 4.0.5+dfsg1-4

Rev: A

Id: 2/5

VIDEO CO-PROCESSOR

COLOR TV INTERFACE



Redrawn in KiCad by Ivo van Poorten
Based on Michael St. Pierre's revision 1.1 2017-10-1

Sheet: /Video Interface/
File: video-interface.sch

Title: 1088XEL

Size: A4 Date: 2017-11-05

KiCad E.D.A. kicad 4.0.5+dfsg1-4

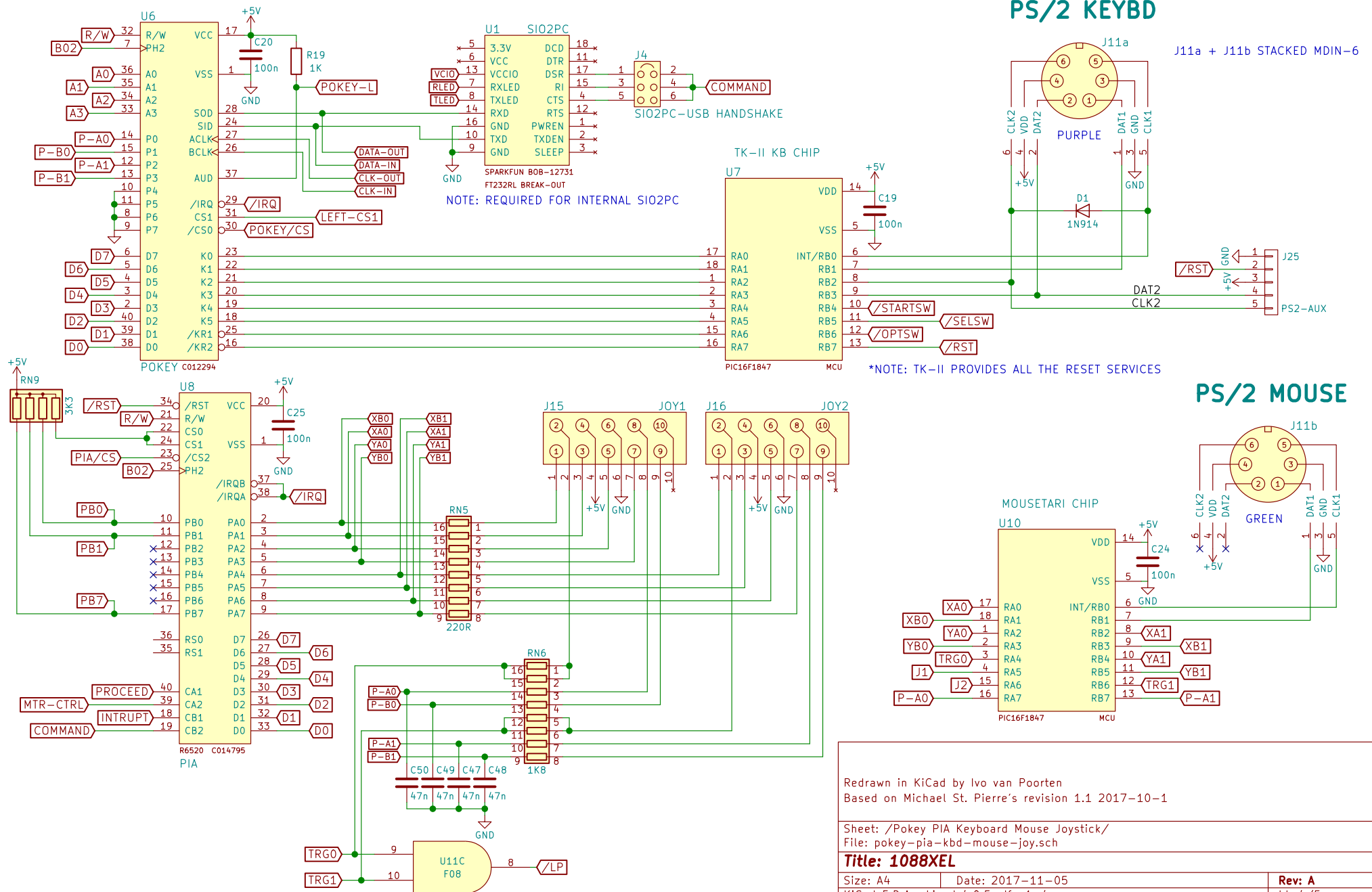
Rev: A

Id: 3/5

LEFT CHANNEL POKEY

SIO2PC-USB

PS/2 KEYBD



Redrawn in KiCad by Ivo van Poorten
Based on Michael St. Pierre's revision 1.1 2017-10-1

Sheet: /Pokey PIA Keyboard Mouse Joystick/
File: pokey-pia-kbd-mouse-joy.sch

Title: 1088XEL

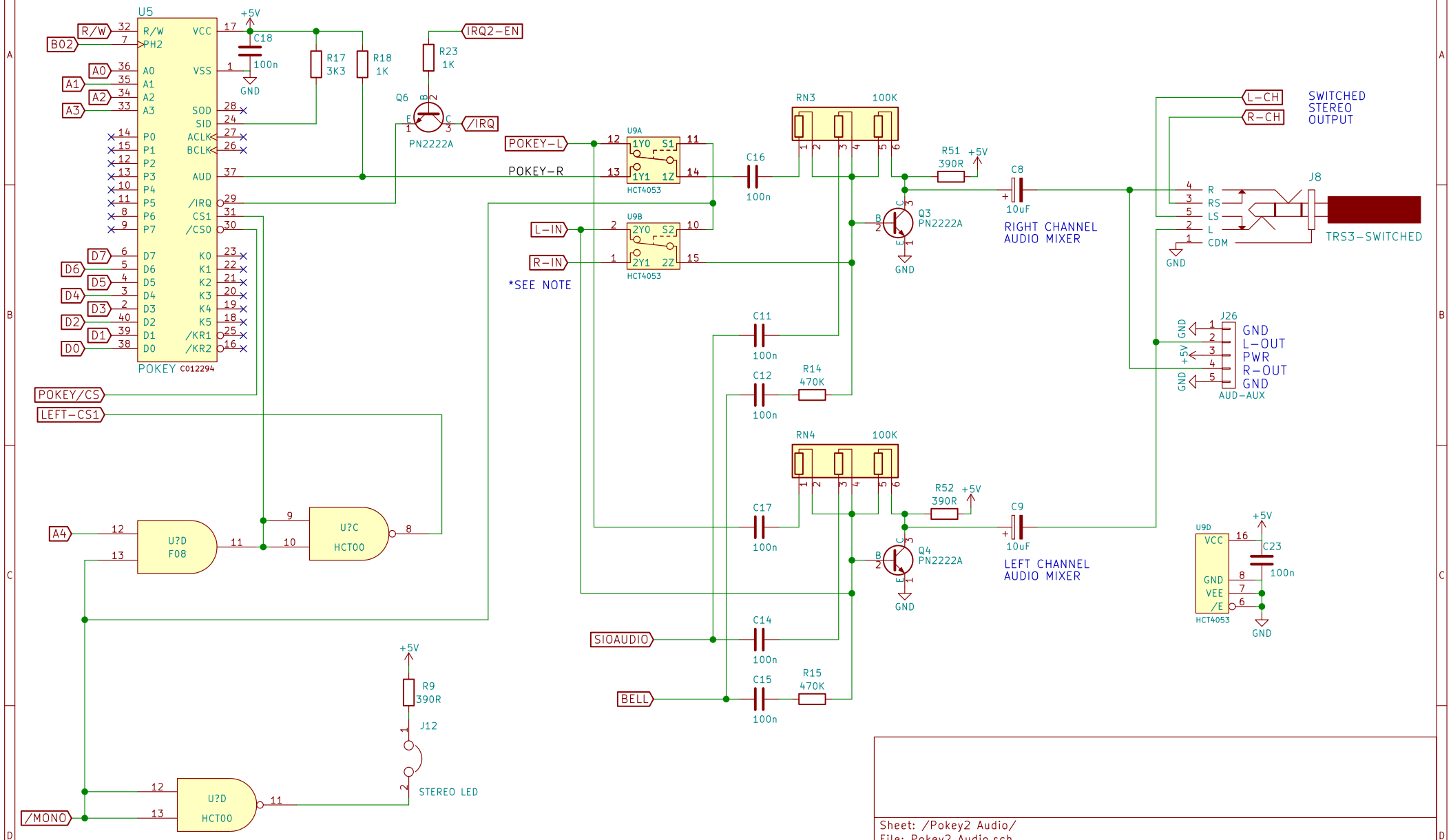
Size: A4 Date: 2017-11-05

KiCad E.D.A. kicad 4.0.5+dfsg1-4

Rev: A

Id: 4/5

RIGHT CHANNEL POKEY



*NOTE: R-IN and L-IN GO DIRECTLY INTO THE SUMMING AMPLIFIERS, SO REQUIRE AN INLINE RESISTOR AND CAPACITOR ON THE MPBI DEVICE IF THE HAVE AUDIO OUTPUTS

Sheet: /Pokey2 Audio/
File: Pokey2 Audio.sch

Title:

Size: A4 Date:
KiCad E.D.A. kicad 4.0.5+dfsg1-4

Rev:
Id: 5/5