

* See Note

*Note: /EXT = /EXTSEL, Request by external device (Parallel Bus) to turn off ram access
 /CI = /CASINH Ram CAS inhibit generated by U1MB MMU decoding

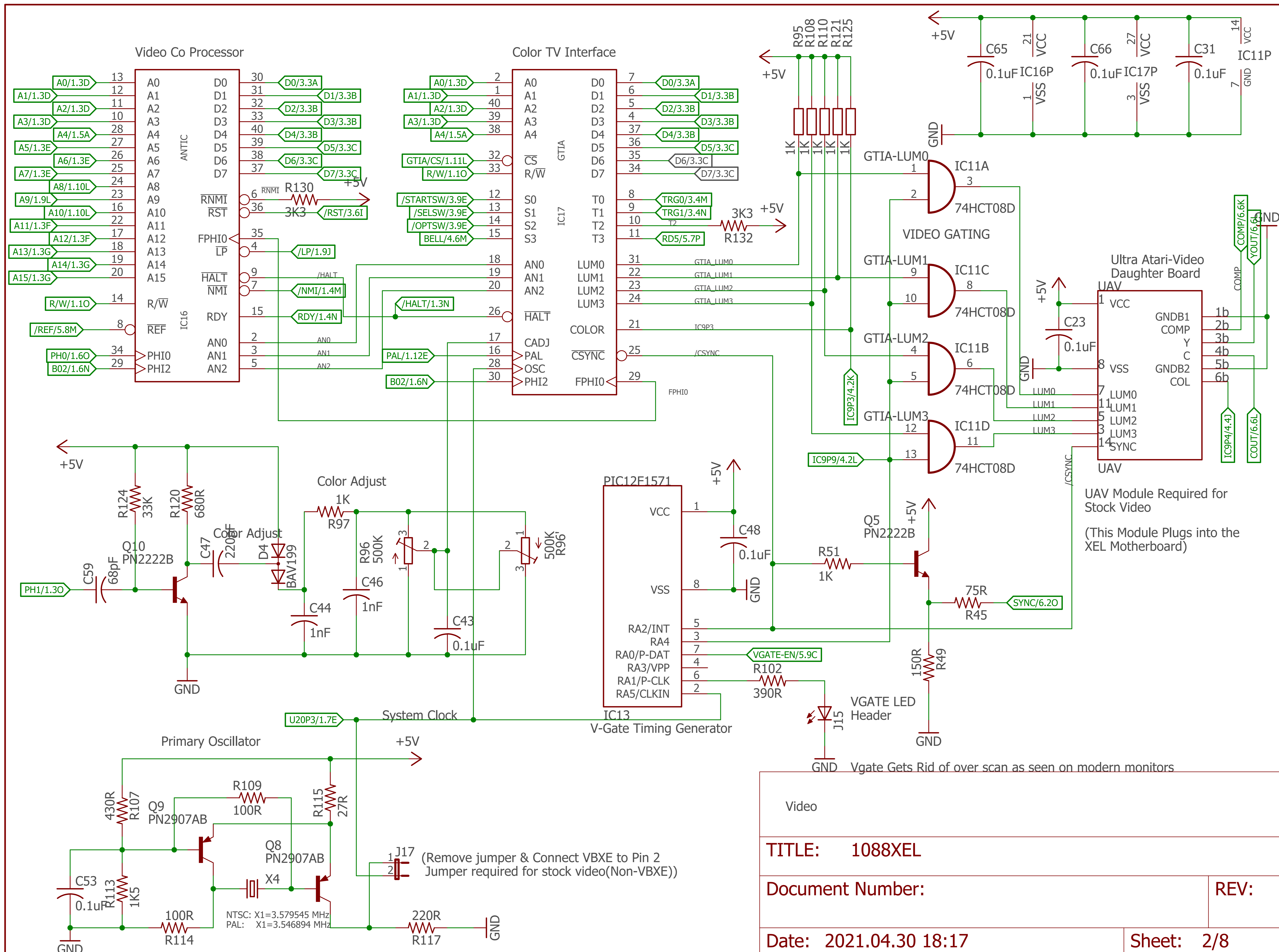
CPU Memory and PAL Clock Circuitry

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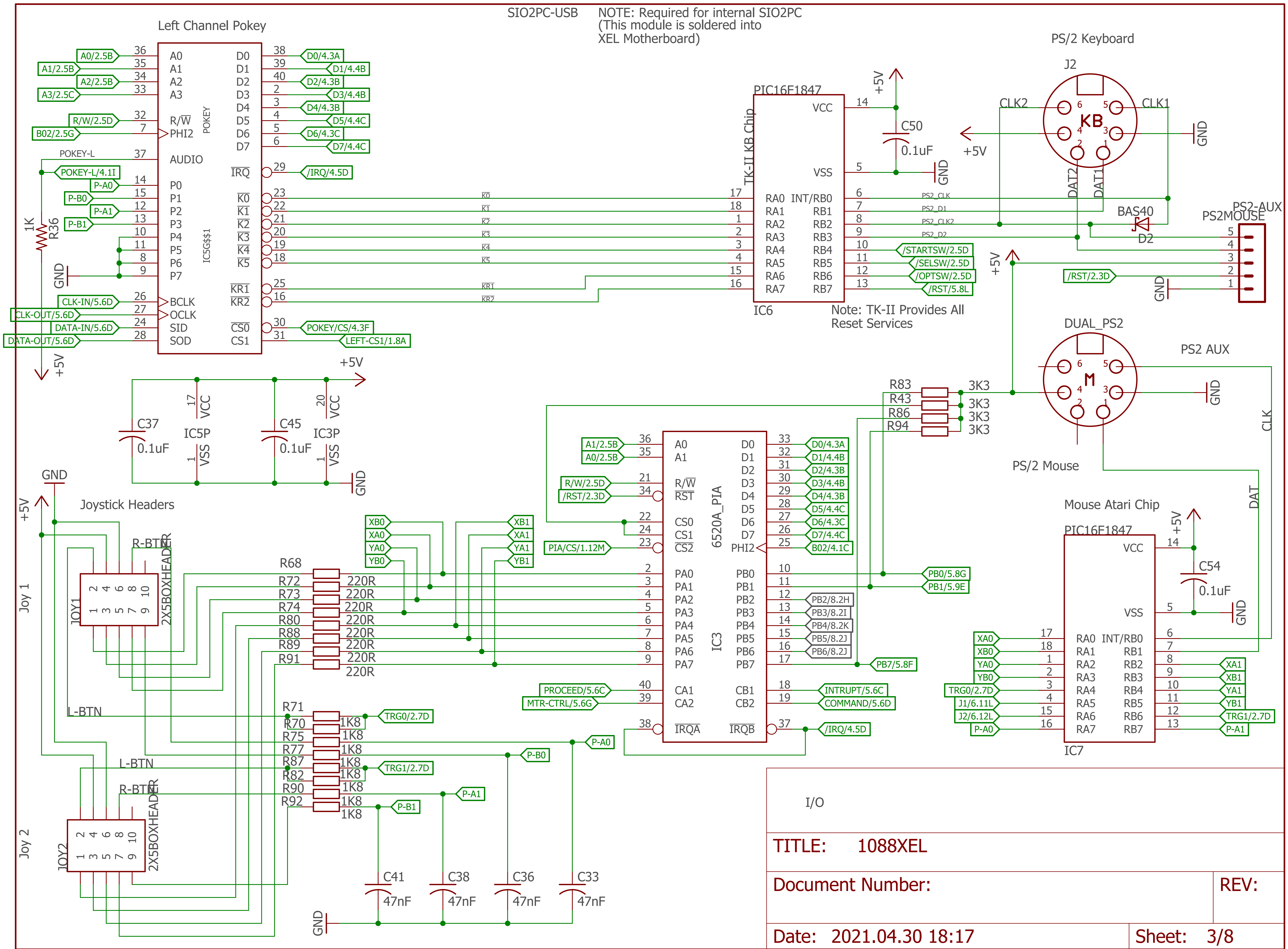
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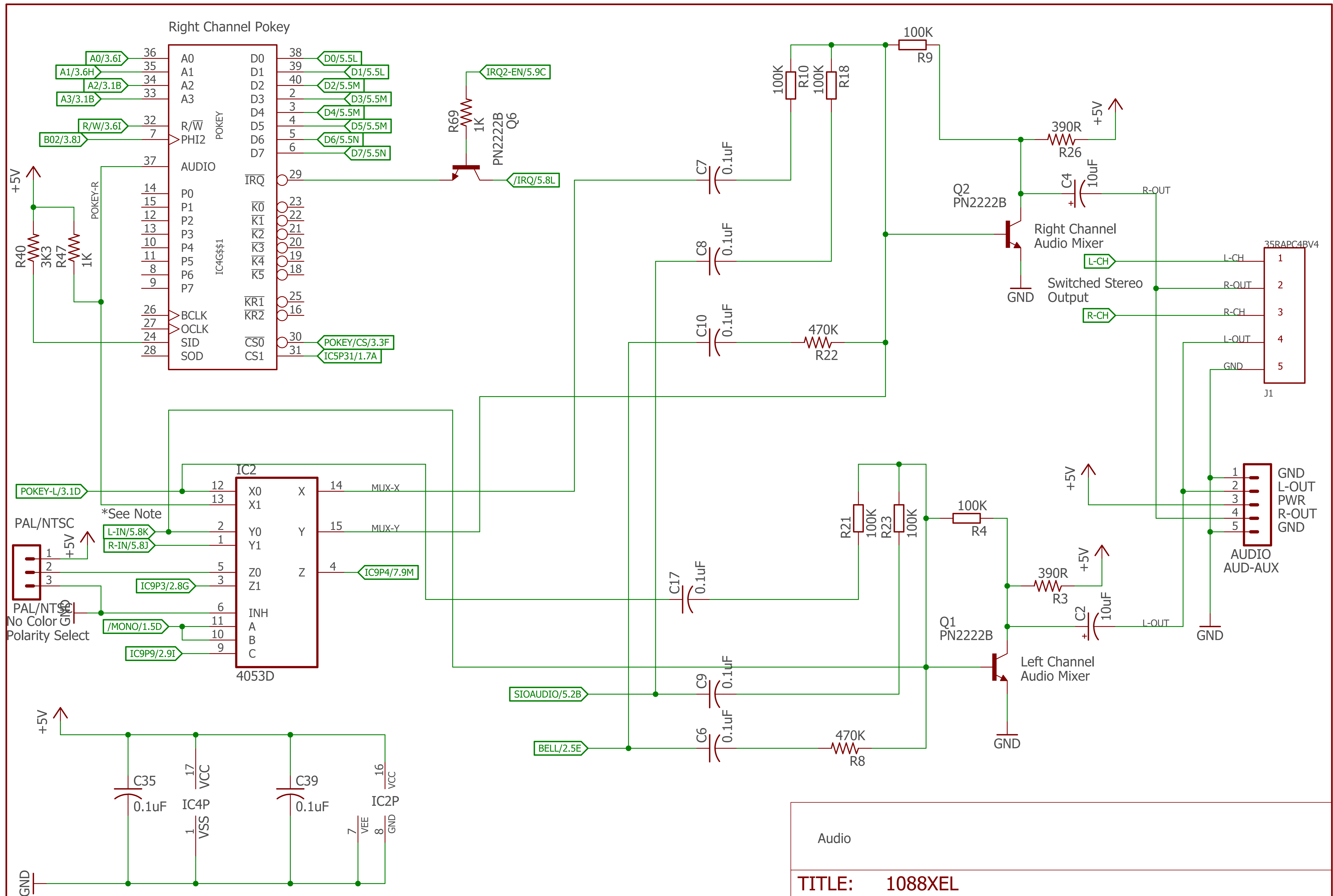
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SIO2PC-USB NOTE: Required for internal SIO2PC (This module is soldered into XEL Motherboard)

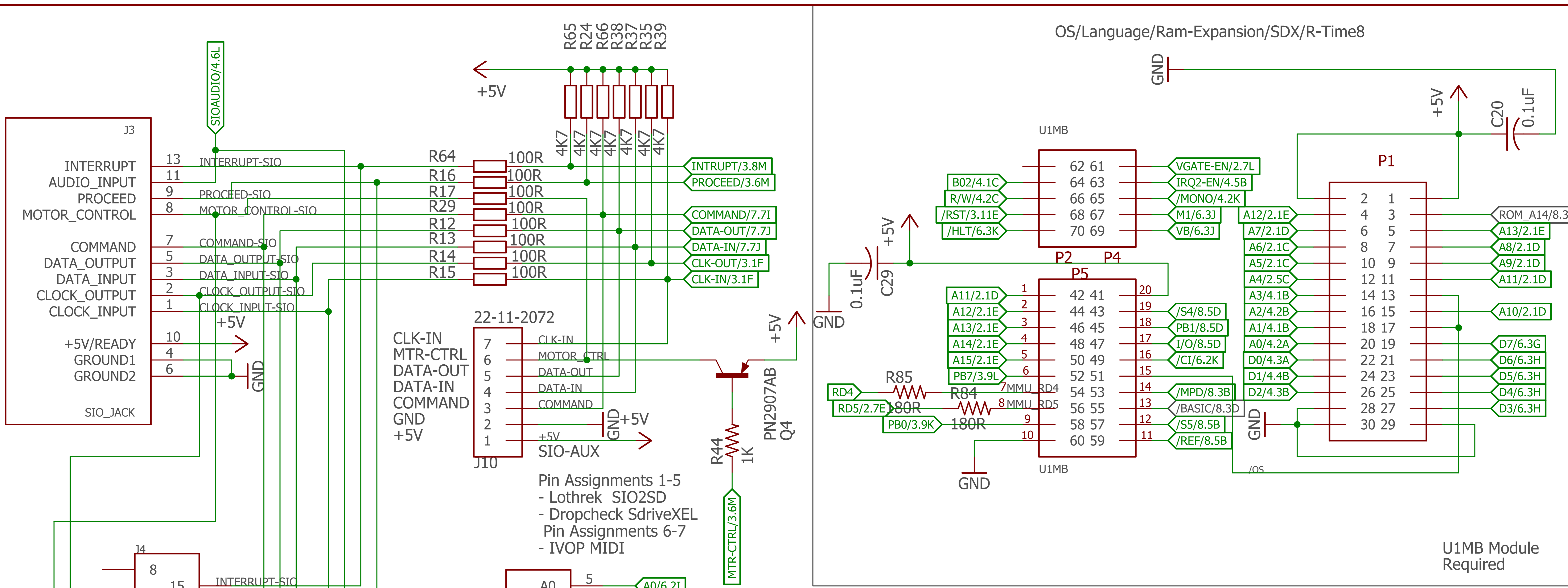


I/O	
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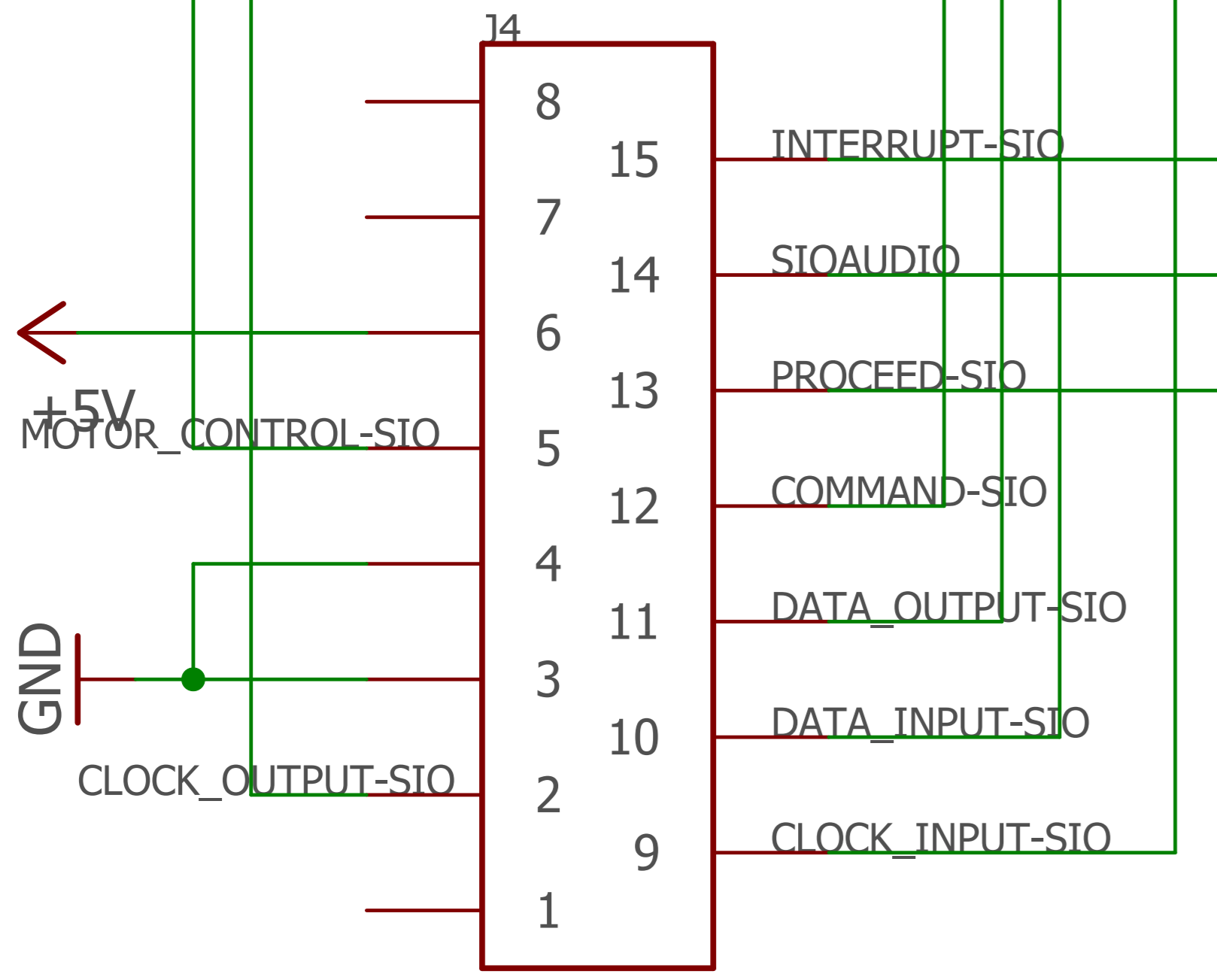


*Note: R-In and L-In go directly into the summing amplifier, so require an inline resistor and capacitor on the MPBI device if they have audio outputs

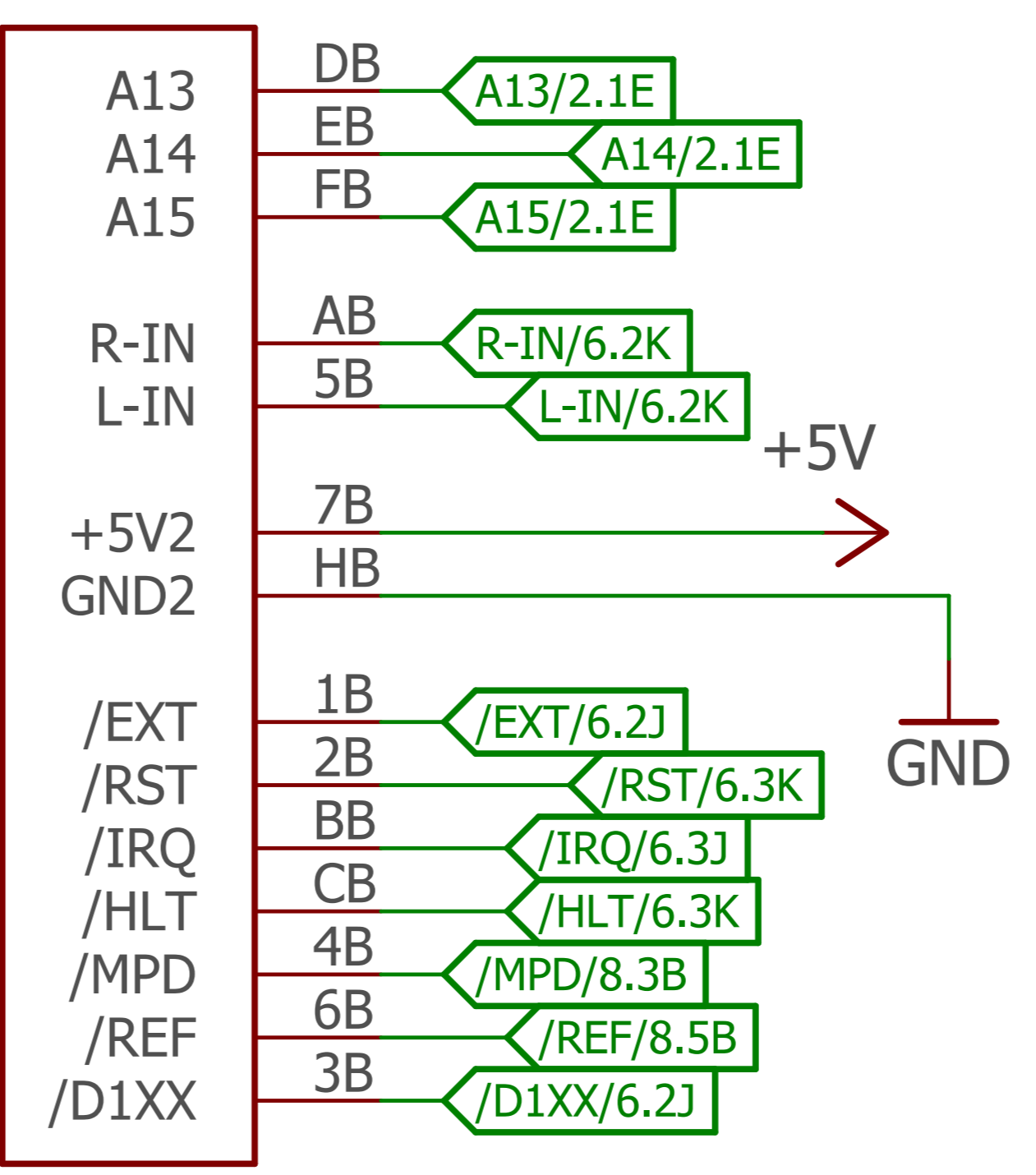
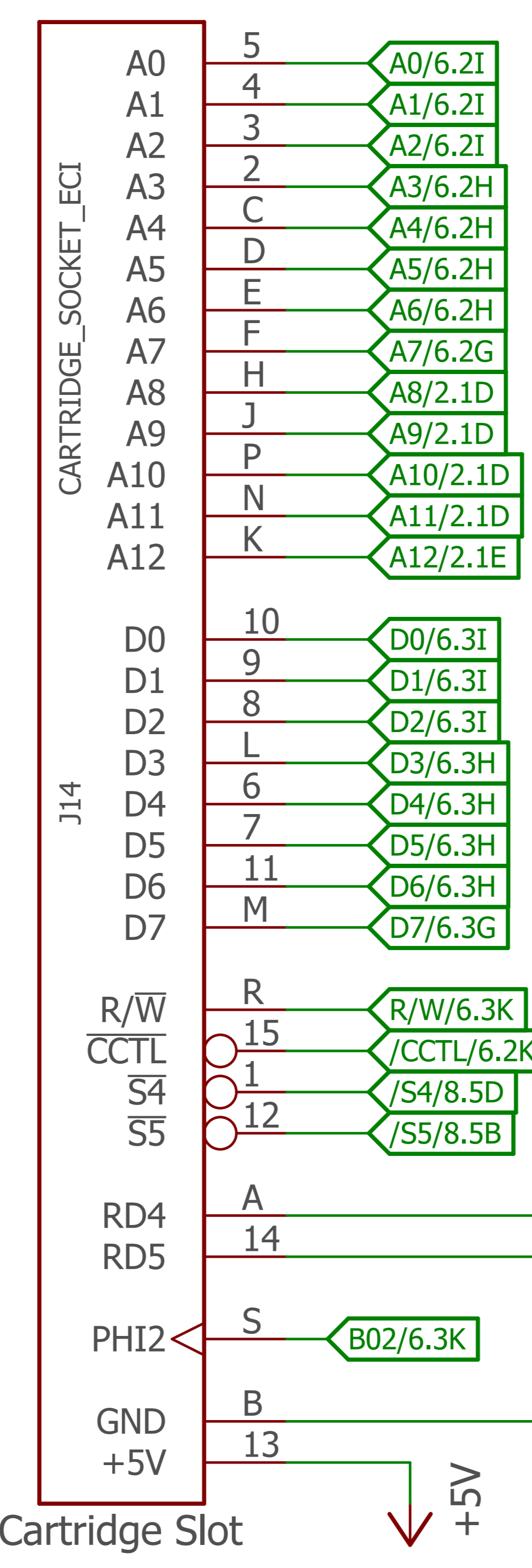
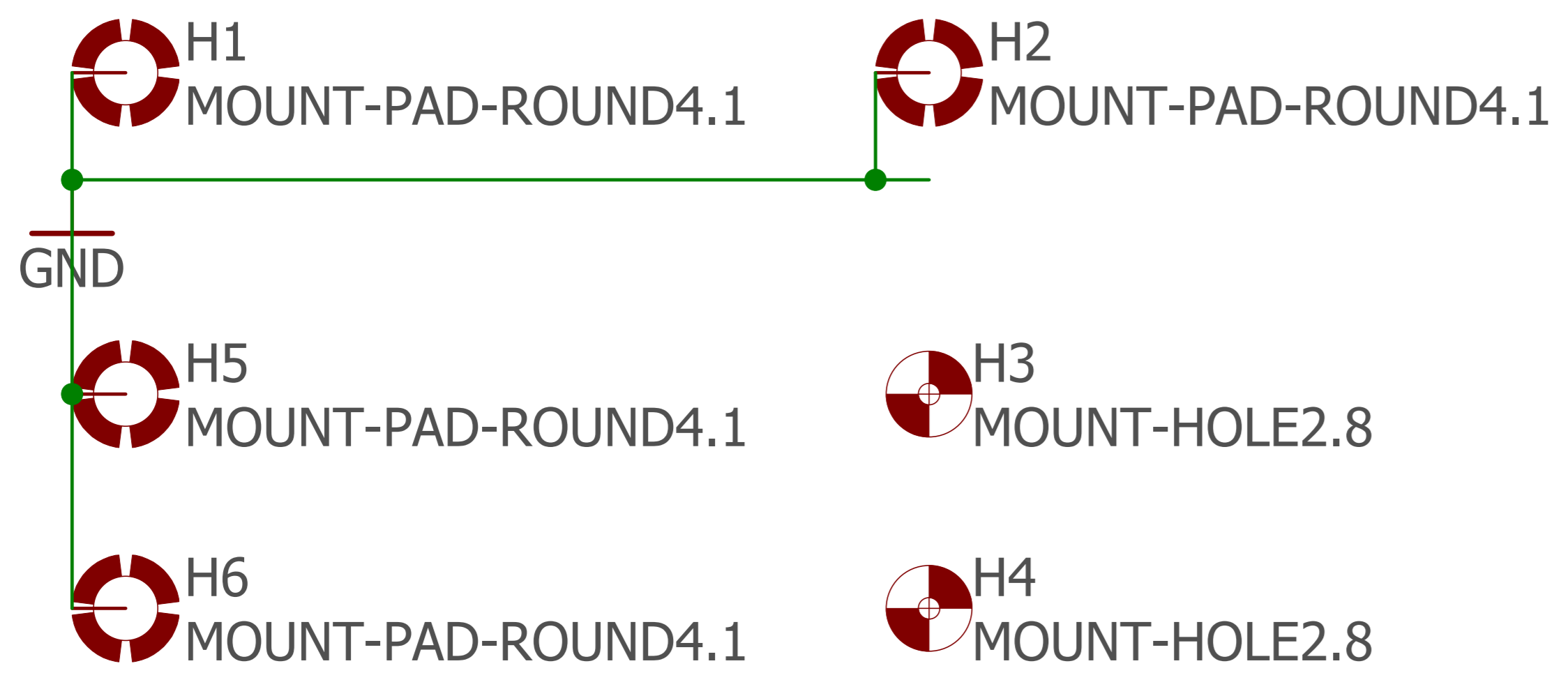
Audio	
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Pin Assignments 1-5
 - Lothrek SIO2SD
 - Dropcheck SdriveXEL
 Pin Assignments 6-7
 - IVOP MIDI



*Note: The PCB will support both the original SIO jack and a DA-15M alternative, but not both at the same time. DA-15M SIO port is compatible with Sdrive pin assignments.



U1MD/XEL Control Bit Defaults

	Logic = 0	Logic = 1
P4	Logic = 0	Logic = 1
S0	VGATE OFF	VGATE ON
S1	IRQ2 OFF	IRQ2 ON
M0	MONO	STEREO
M1	RAPIDUS ON	RAPIDUS OFF
VB	PART OF VBXE ADDRESSING	

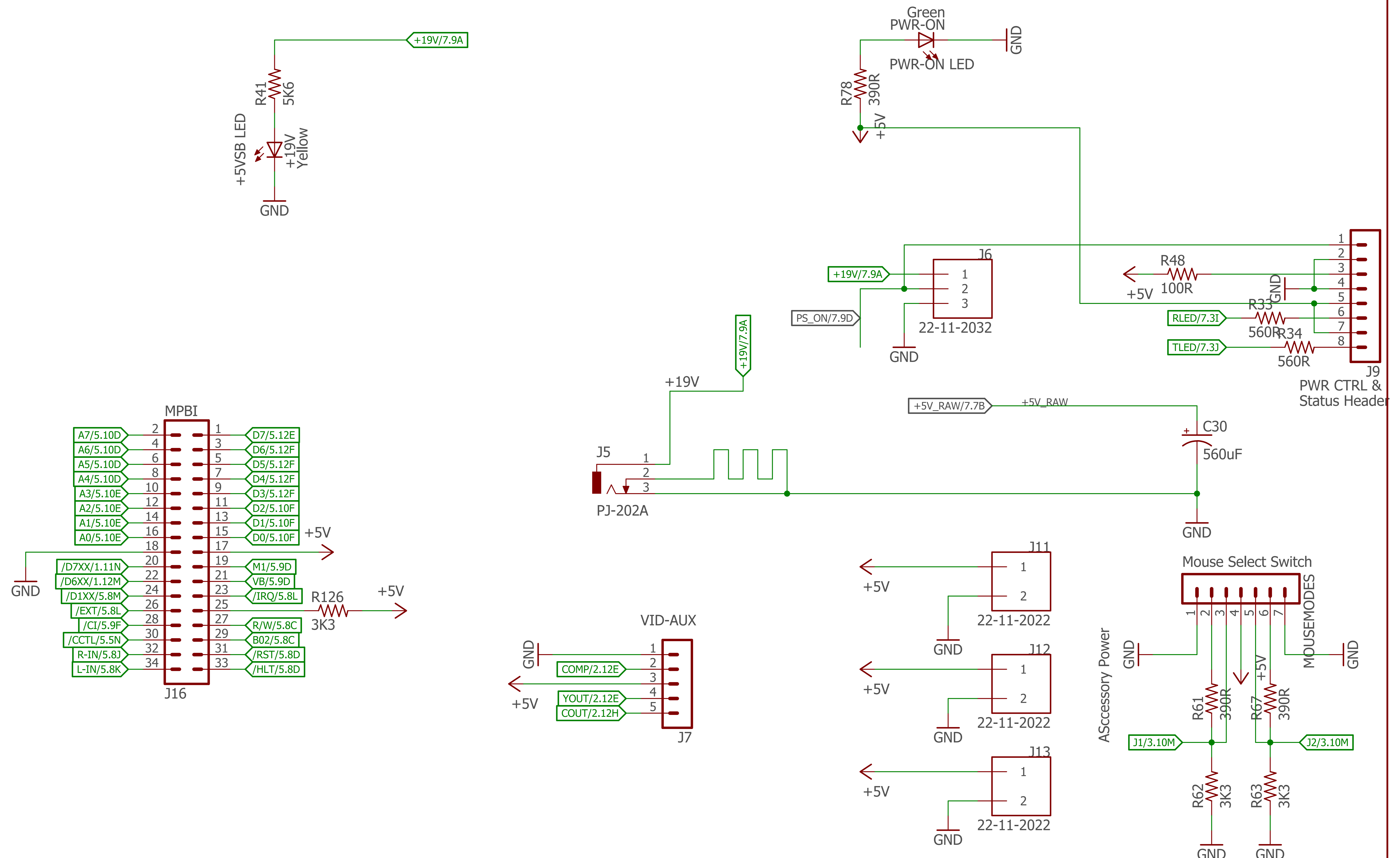
Note: The U1MB board is a must have item. (This module plugs into the XEL motherboard)

Misc Connectors1

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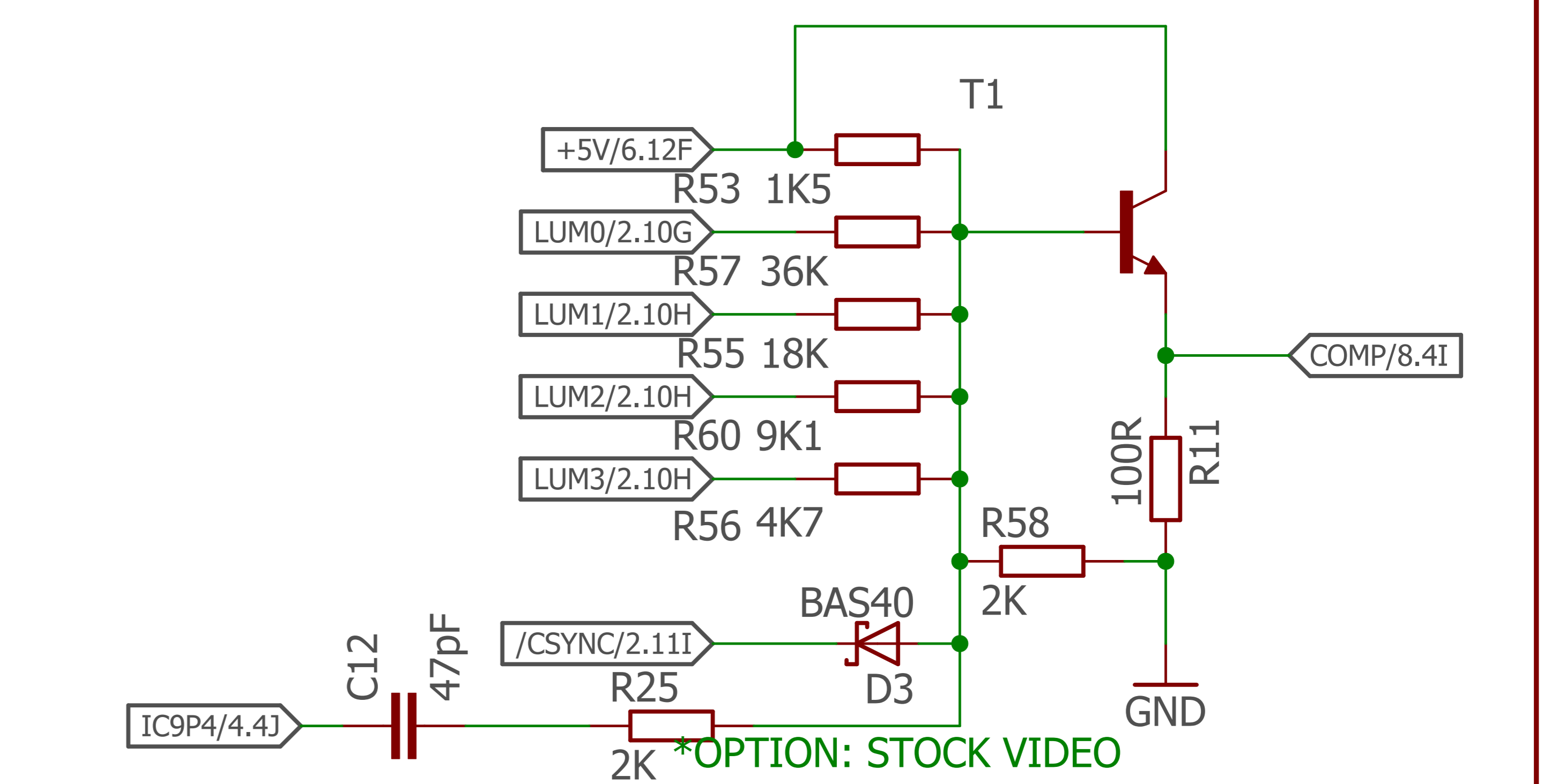
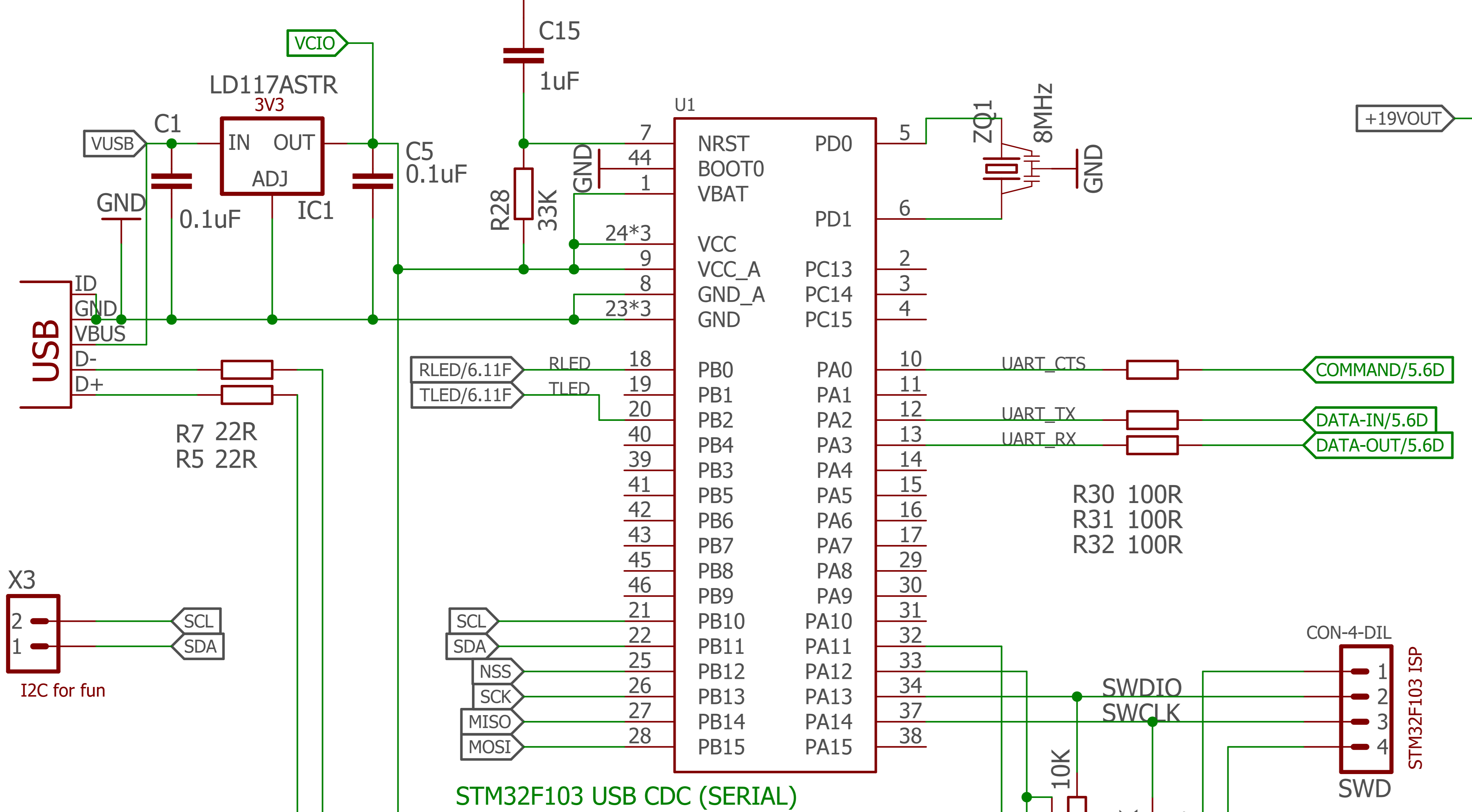
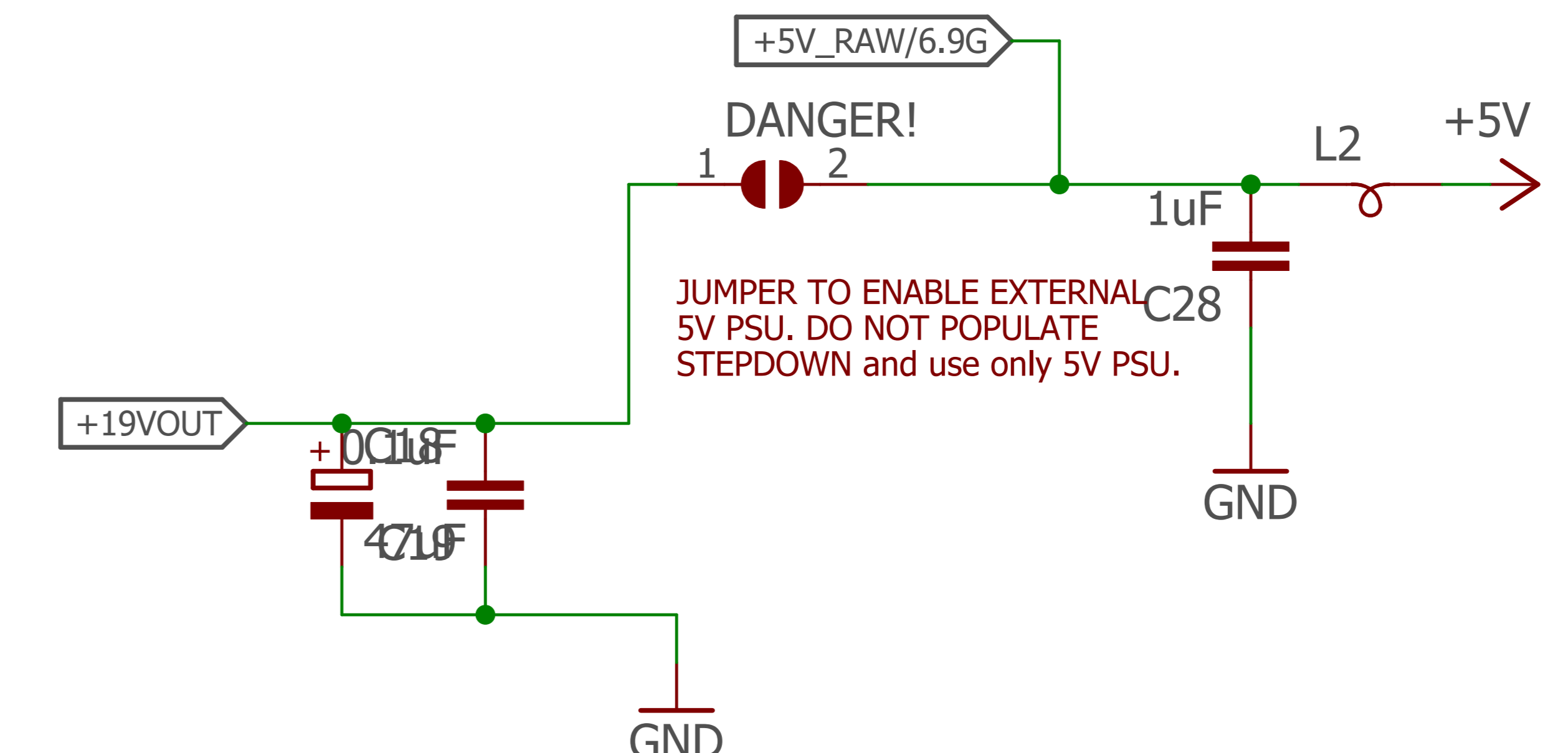
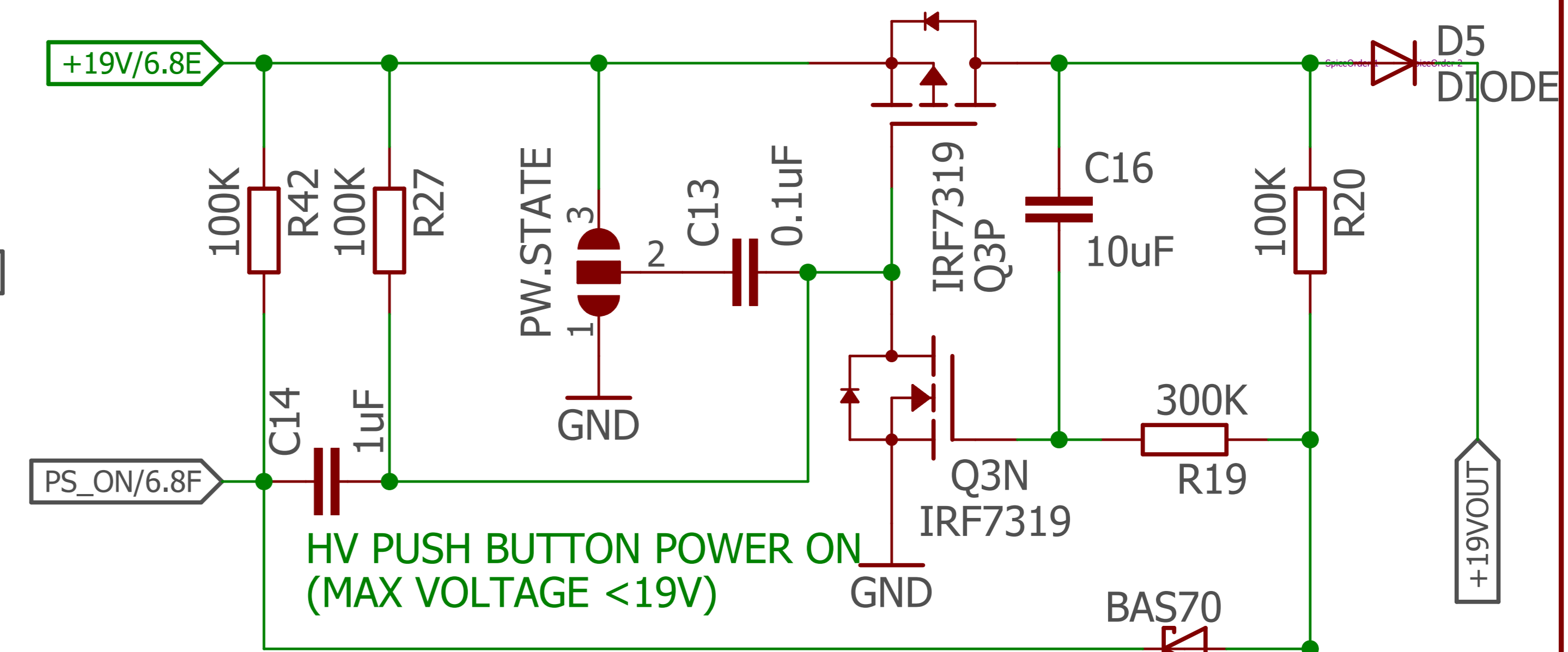
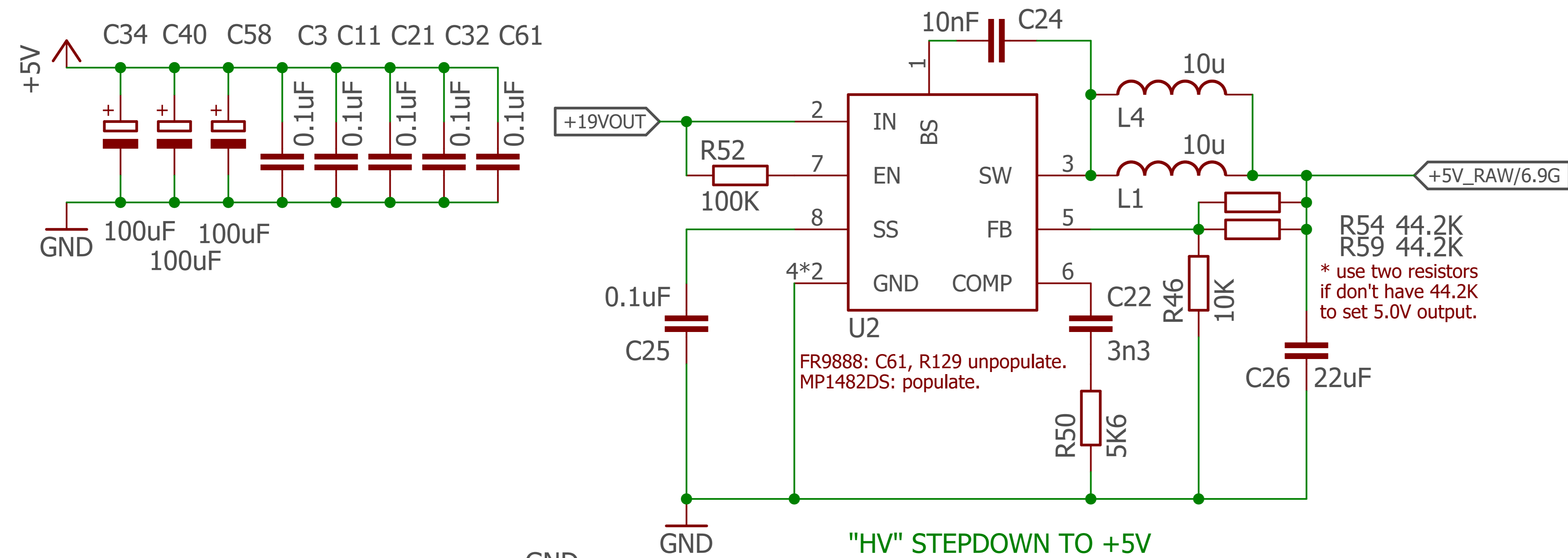
Misc Connectors 2

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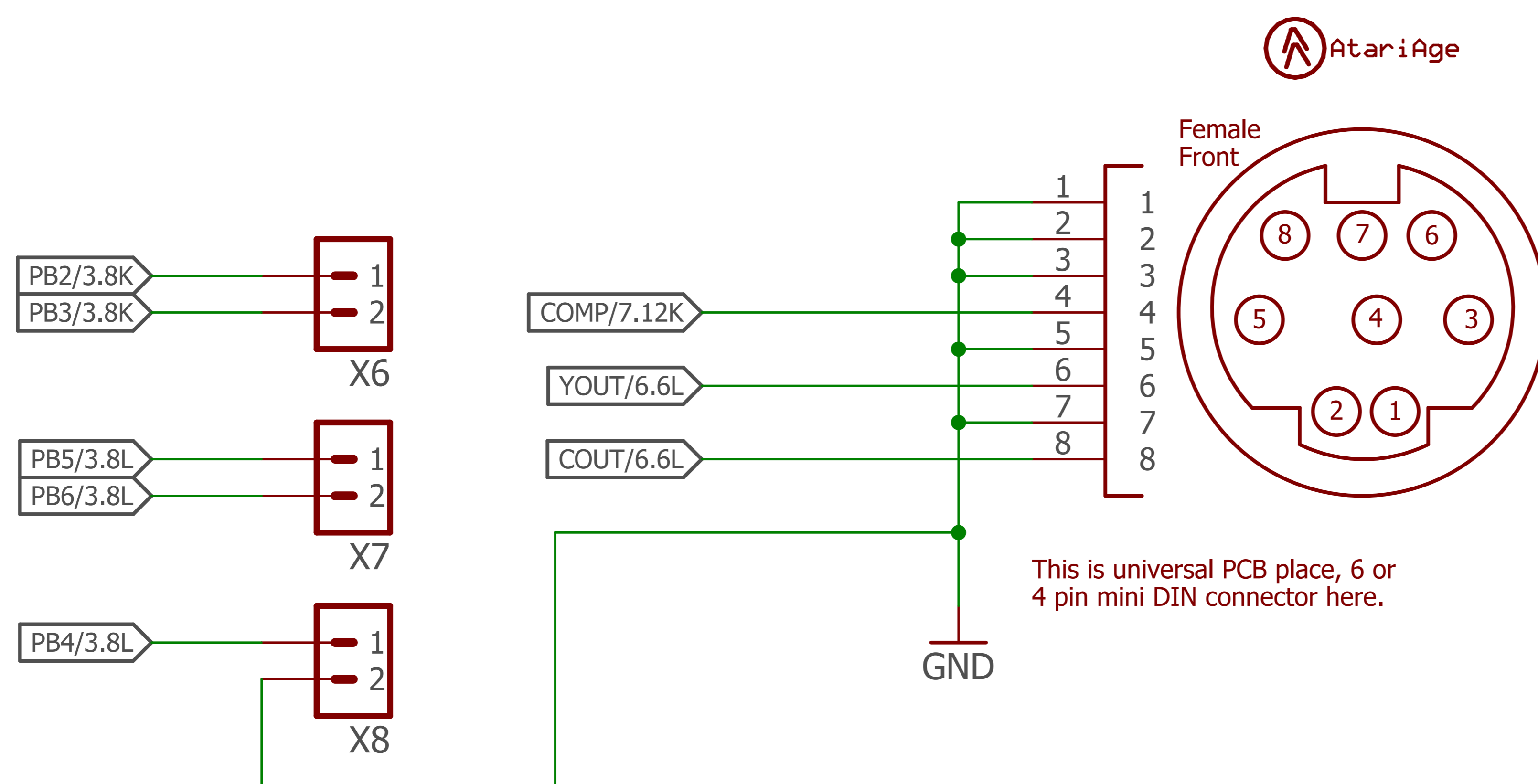
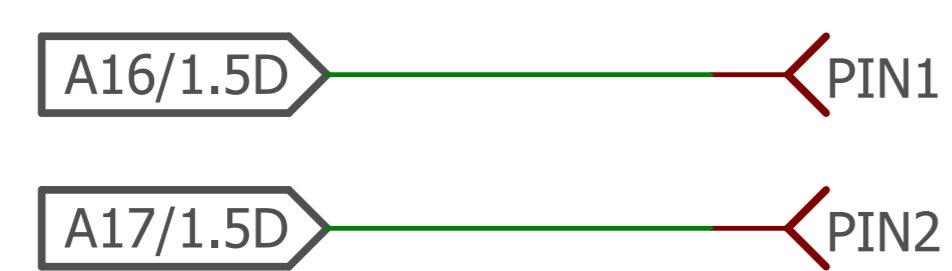
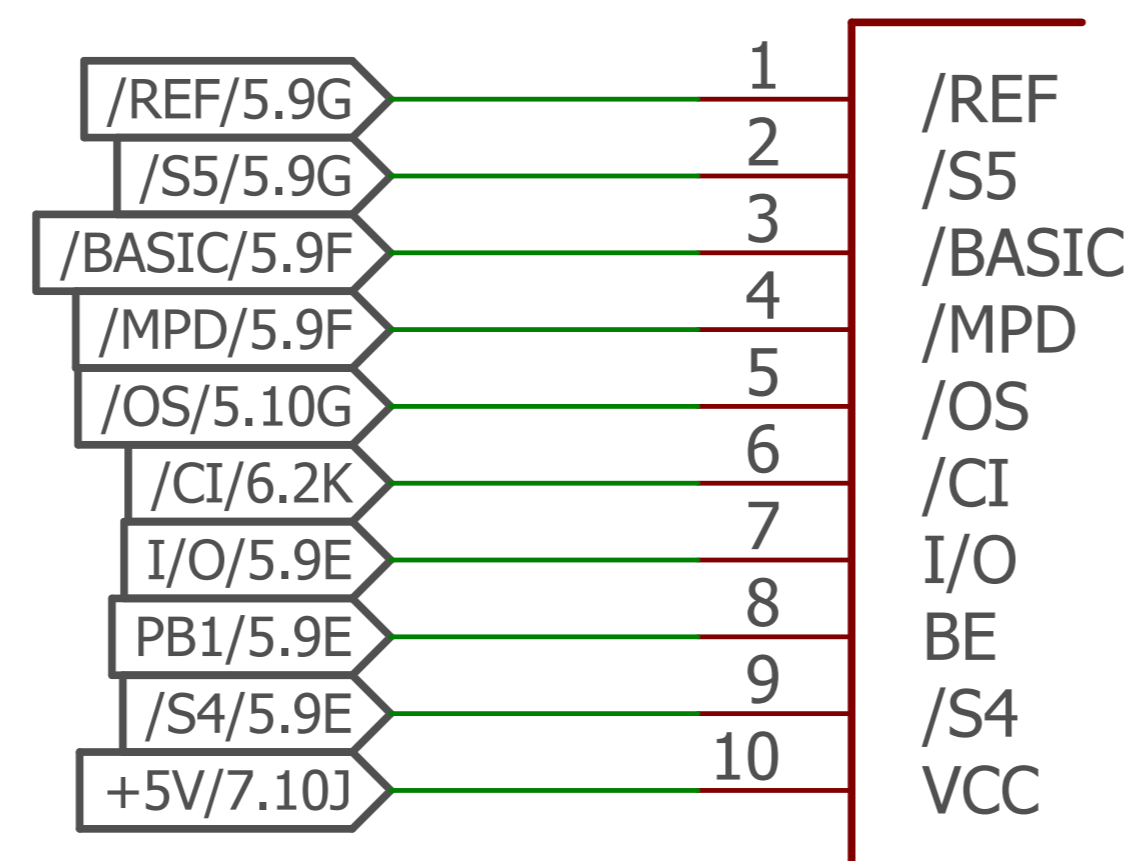
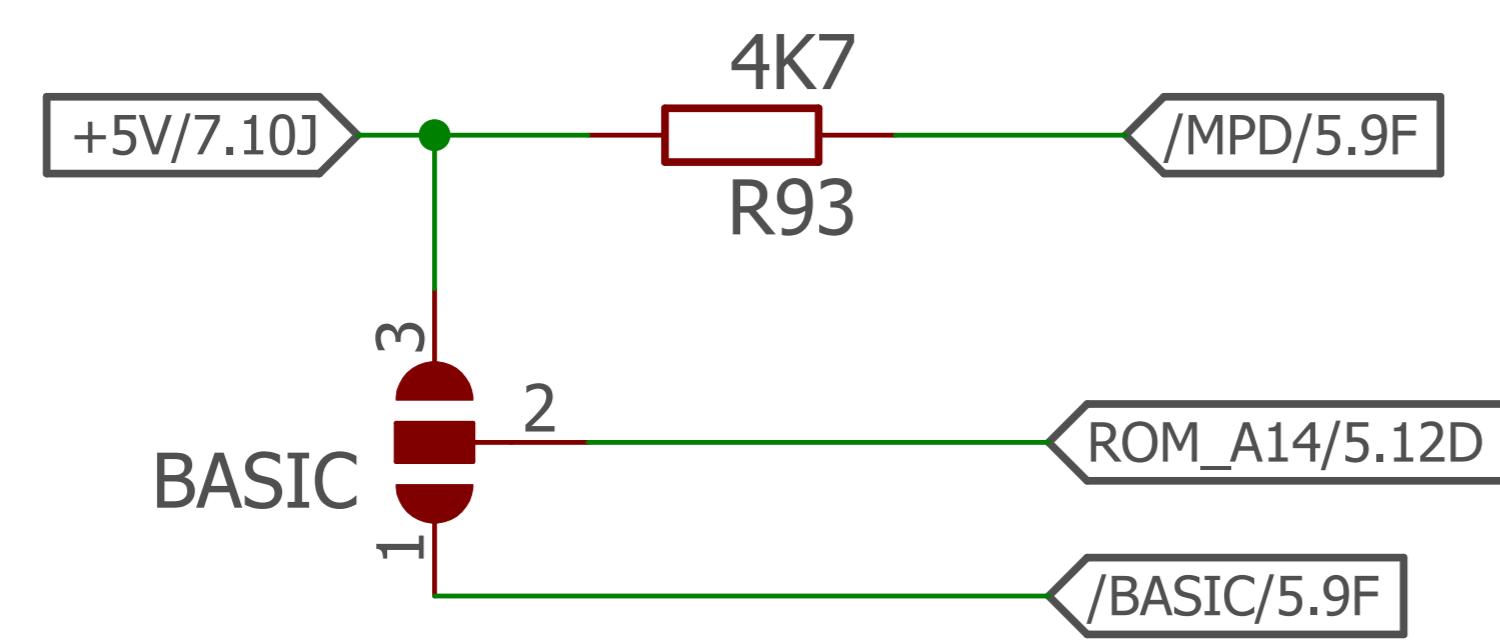
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USB-SIO, PSU, POWER ON/OFF



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ERRORS, CONNECTORS & 1/2 MMU

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