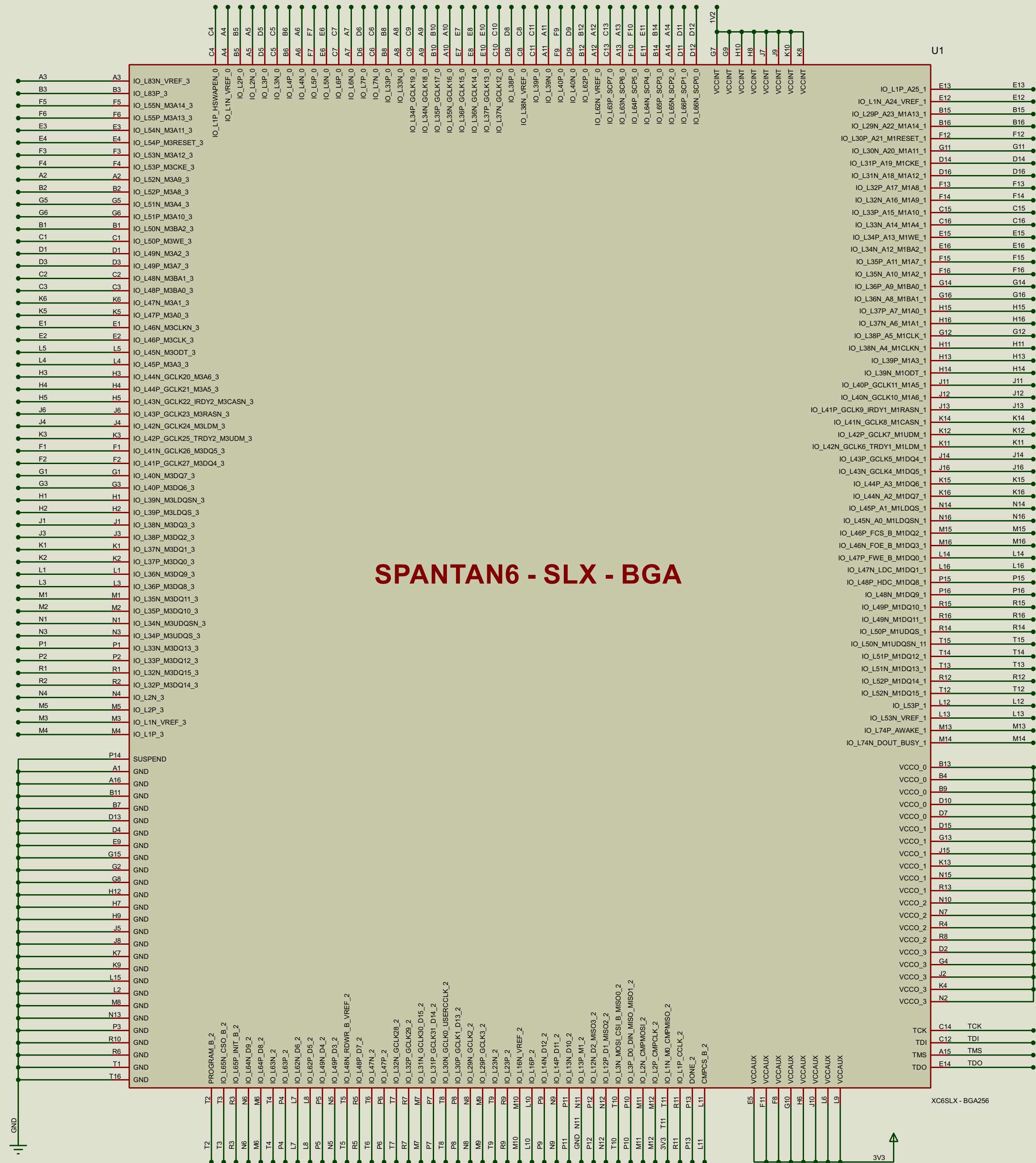
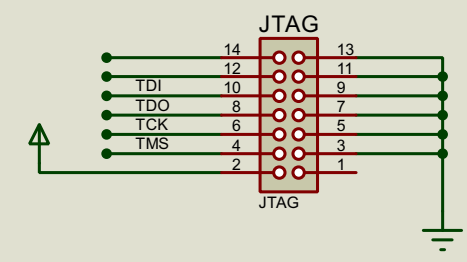
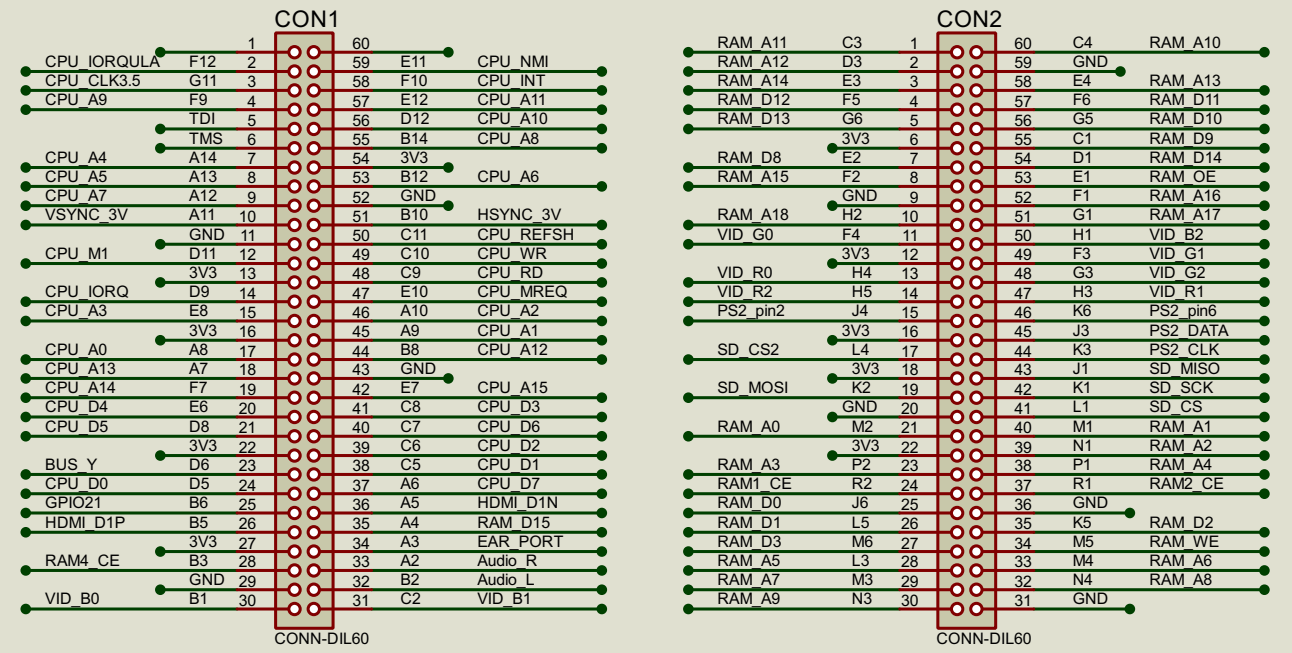
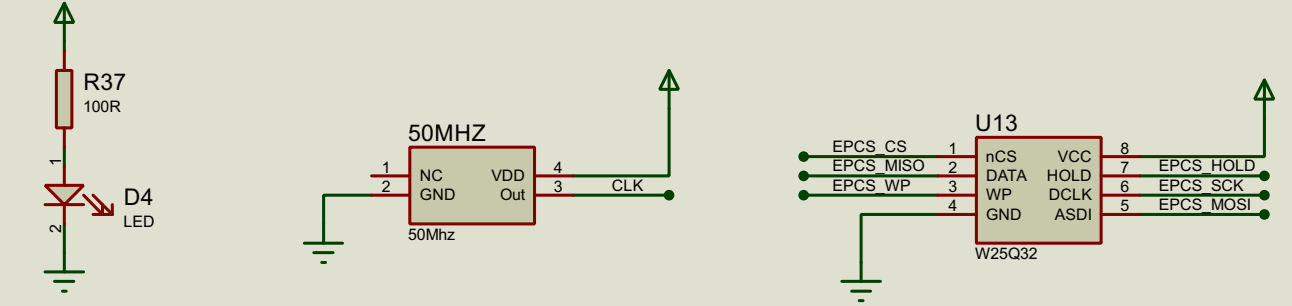


ZX Spectrum Next

FPGA



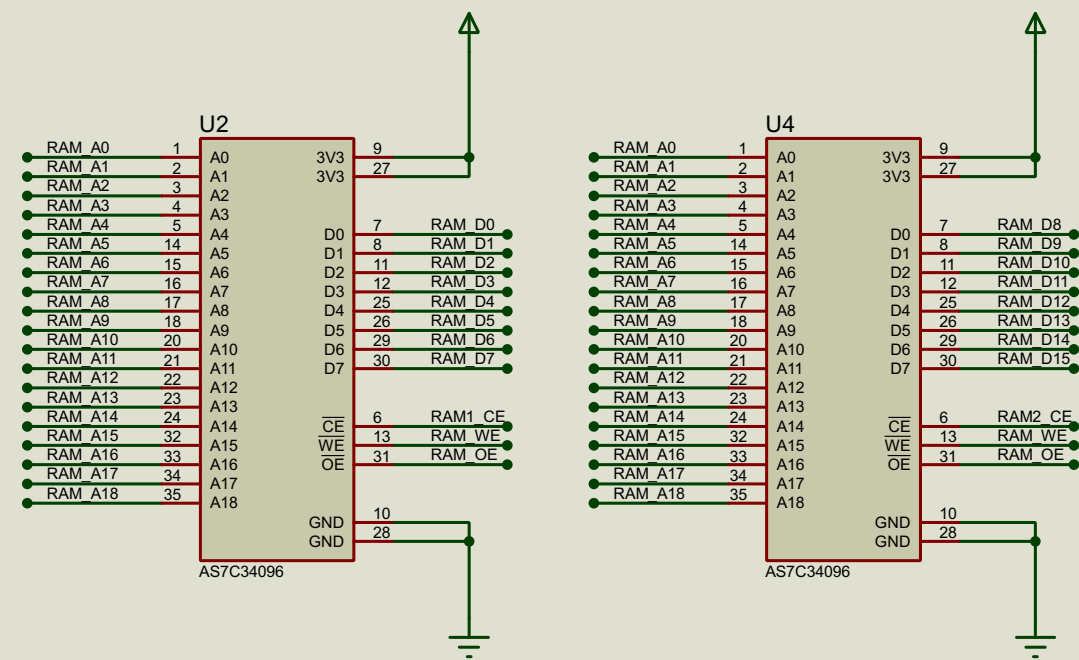
SPANTAN6 - SLX - BGA



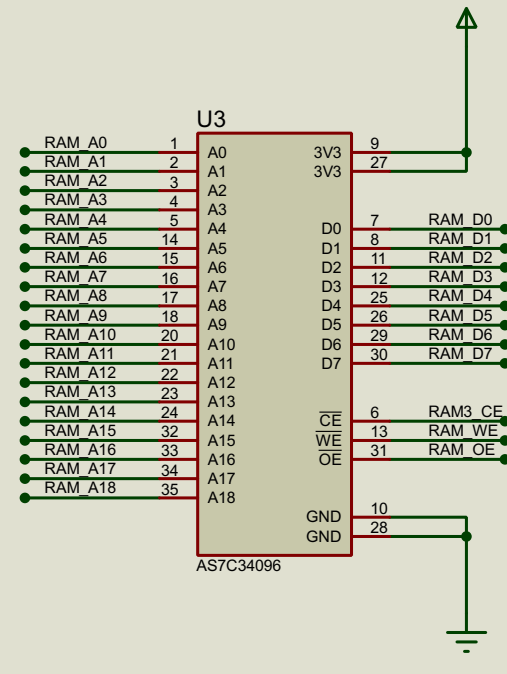
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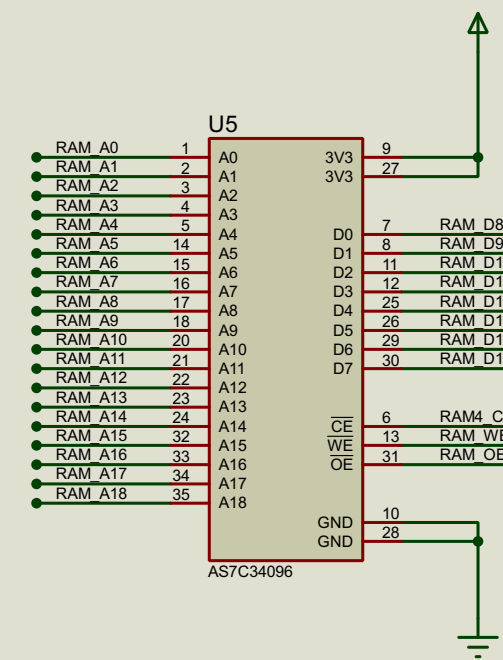
Memory



Main 1024kb

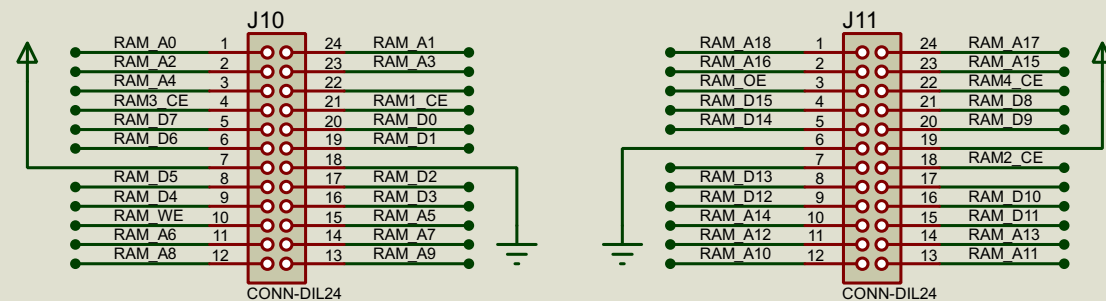


1st Optional 512kb



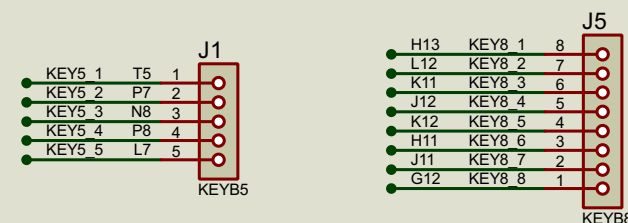
2nd Optional 512kb

Memory expansion ports



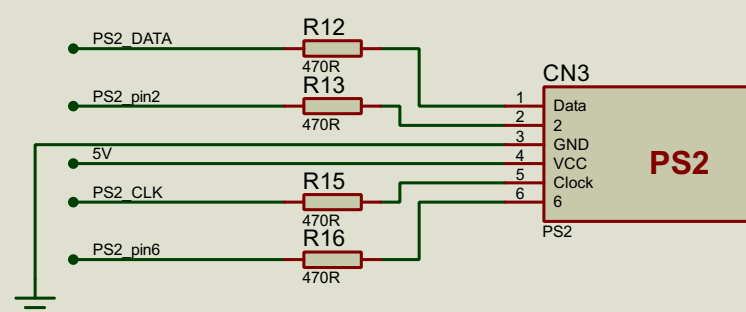
Keyboard

Membrane

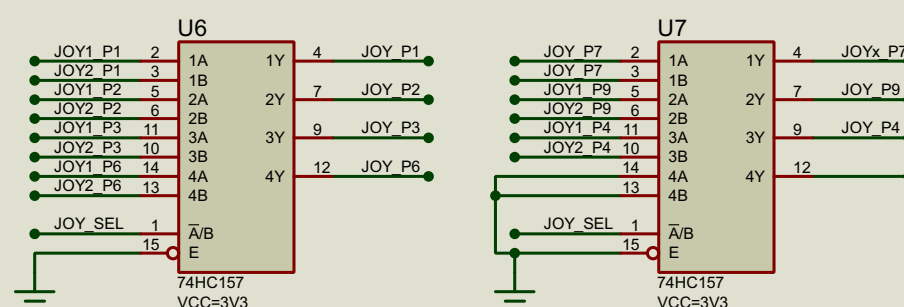
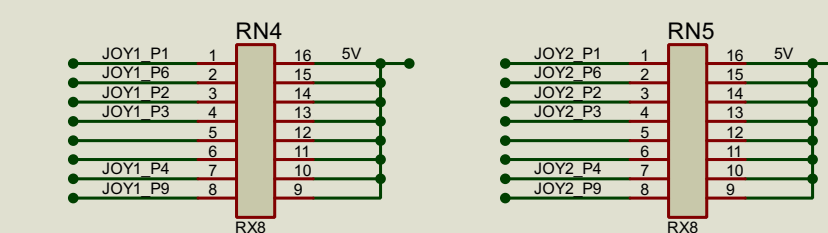
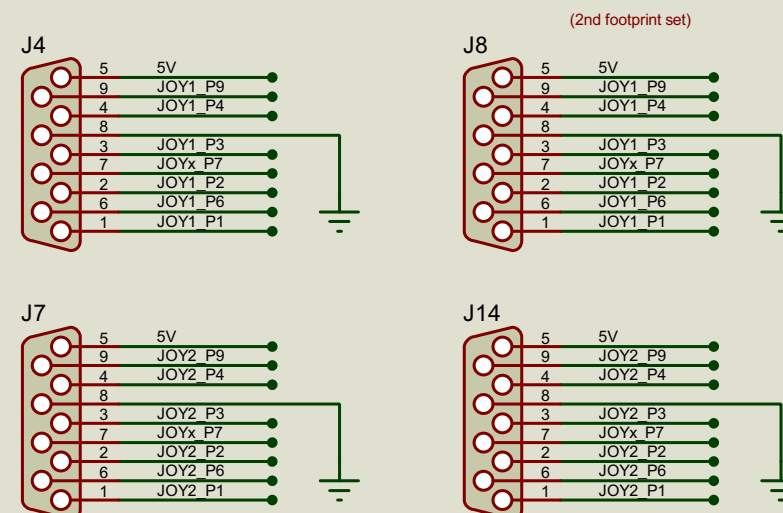


PS/2

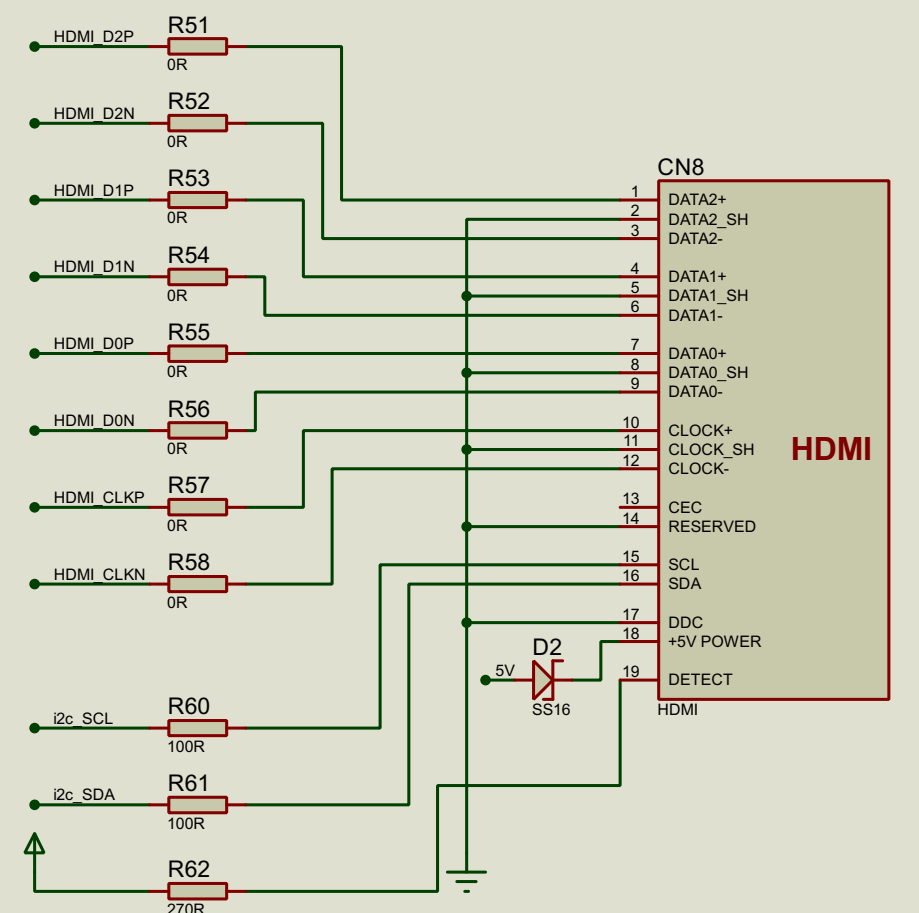
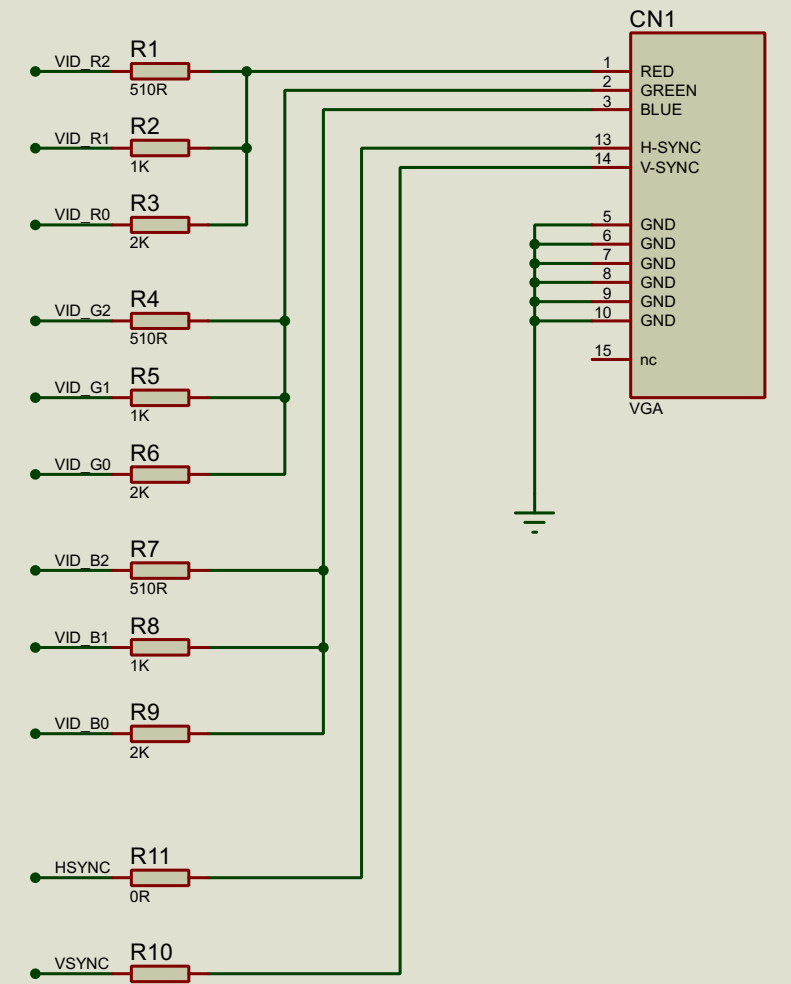
(Need internal pull-ups)



Joysticks



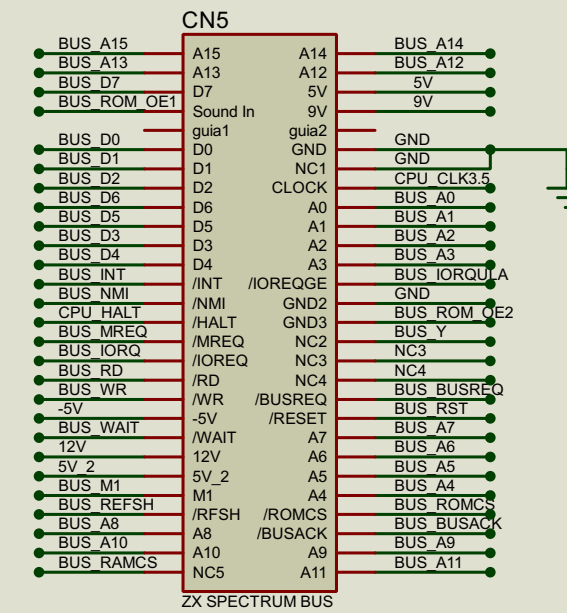
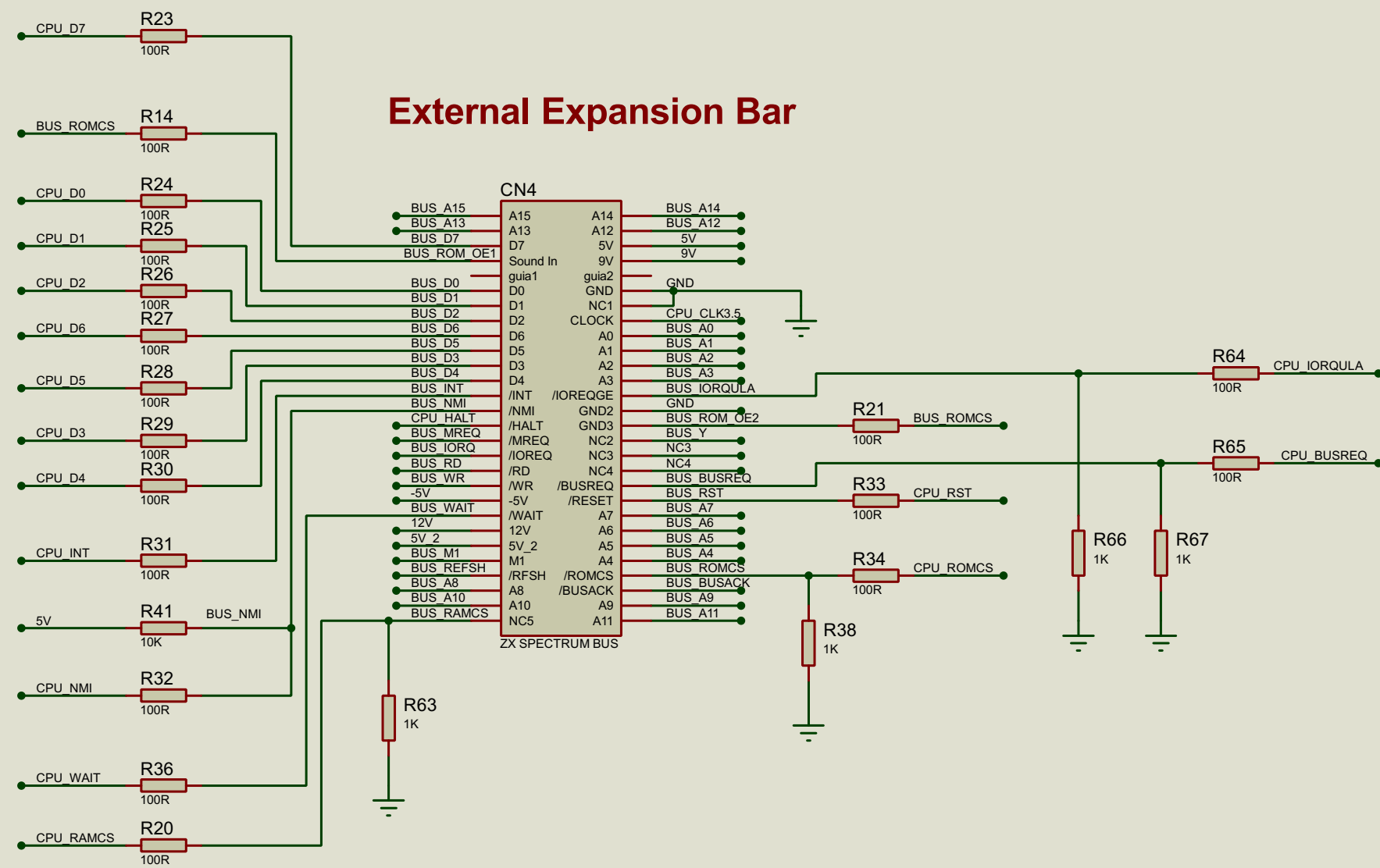
Video



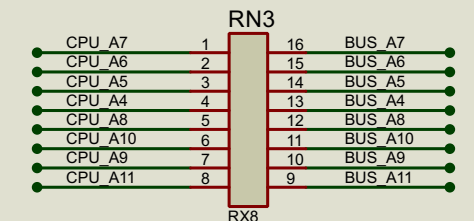
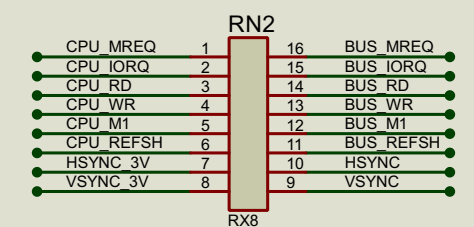
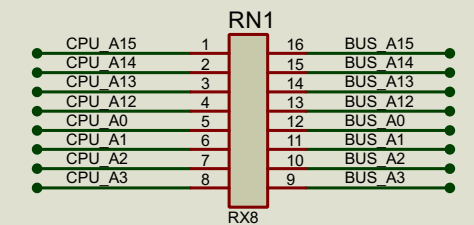
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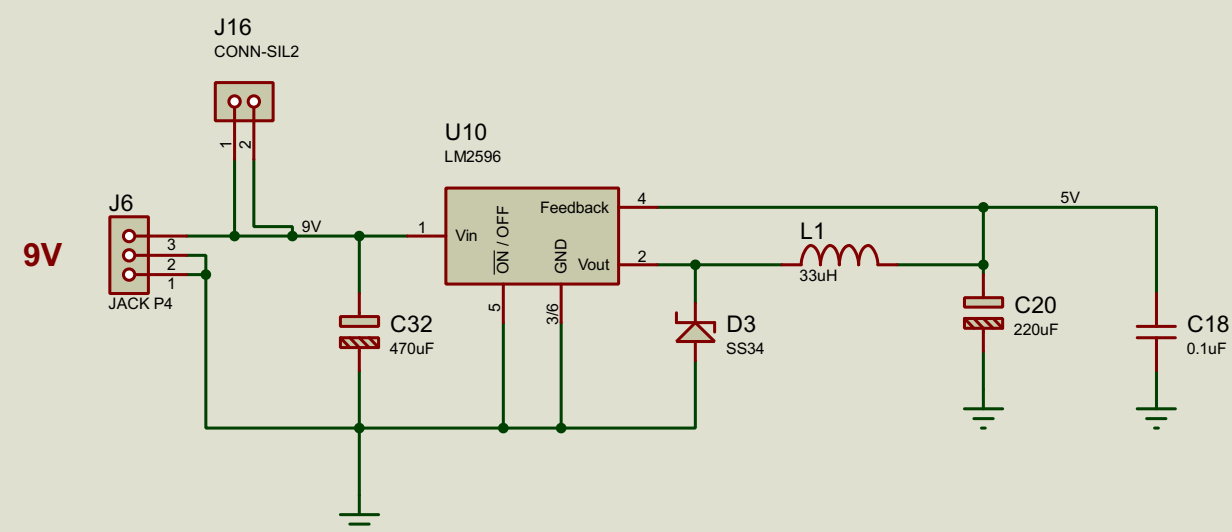
ZX Spectrum Next



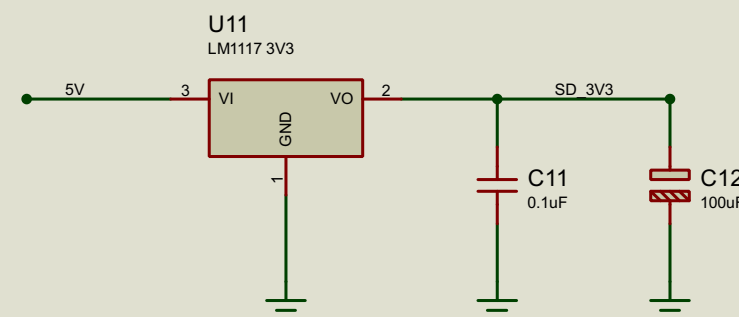
Bus Buffers



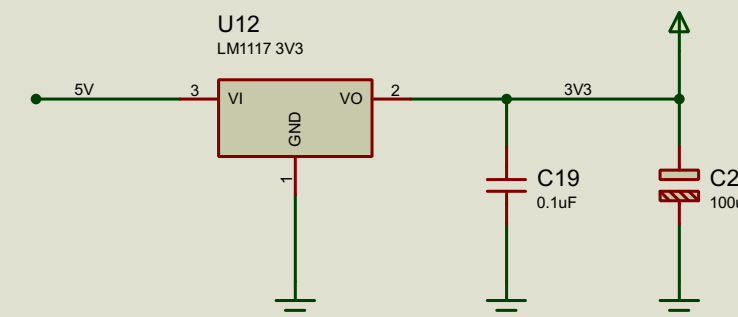
Power Supply



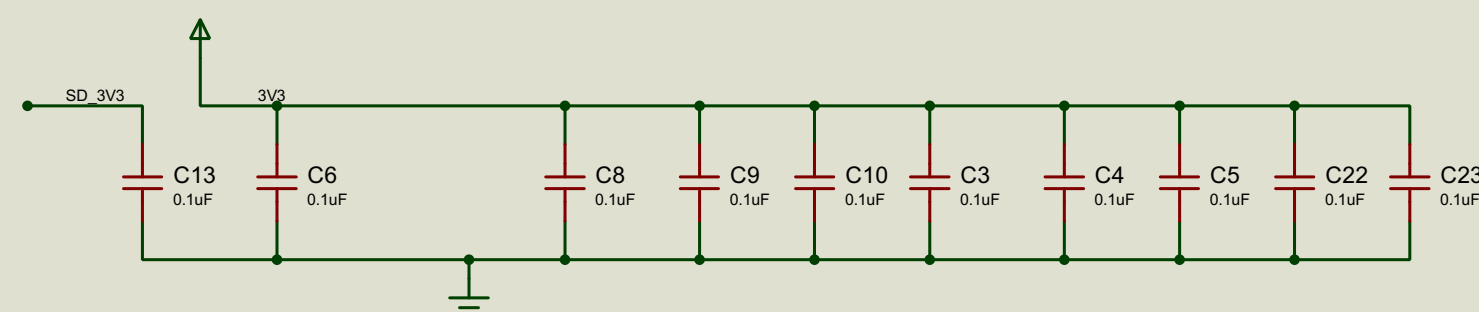
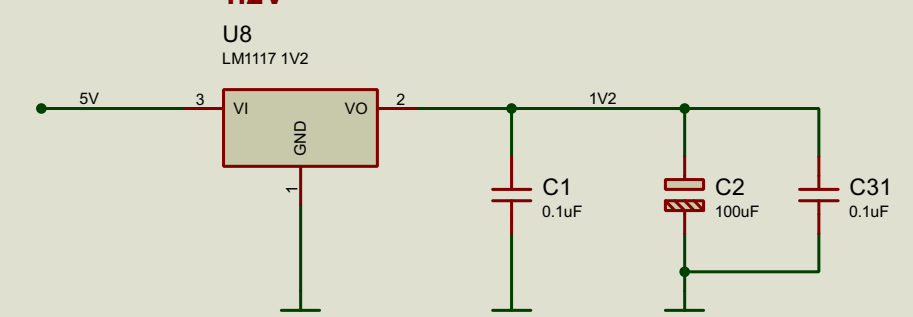
Auxiliar 3.3V



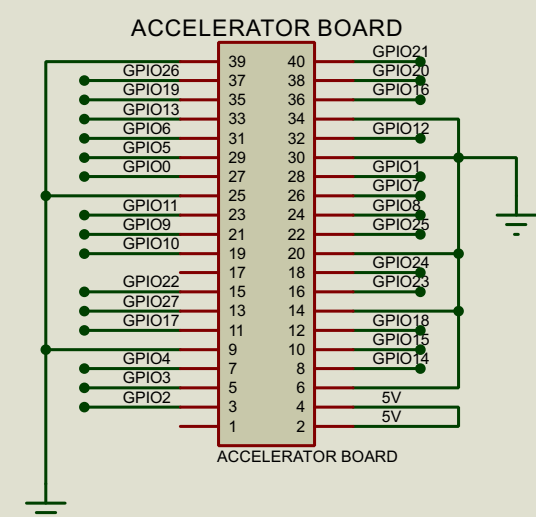
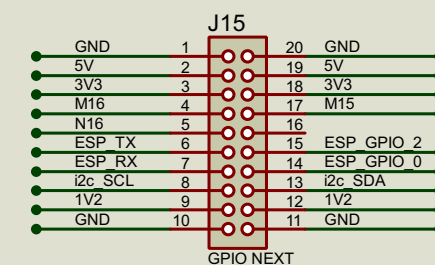
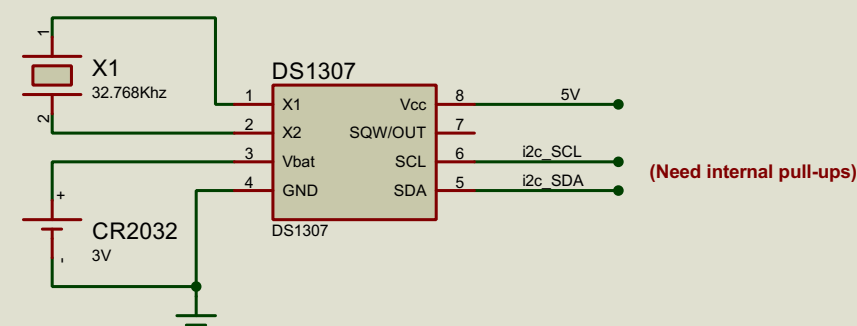
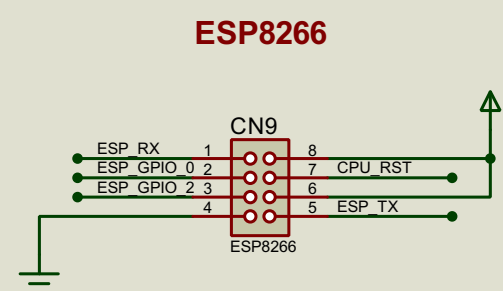
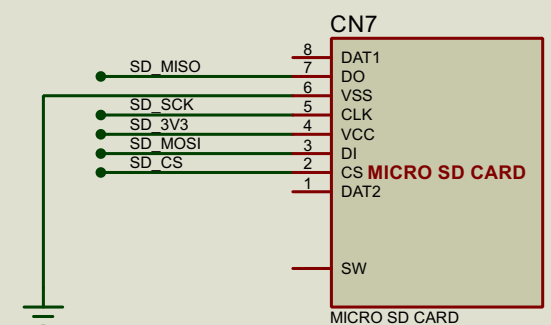
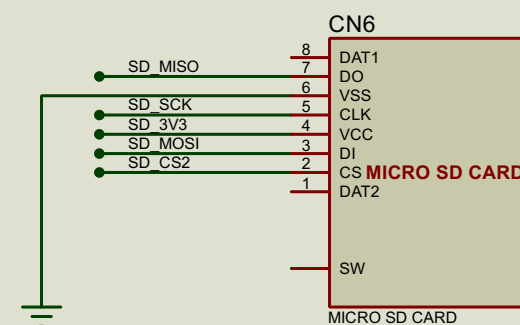
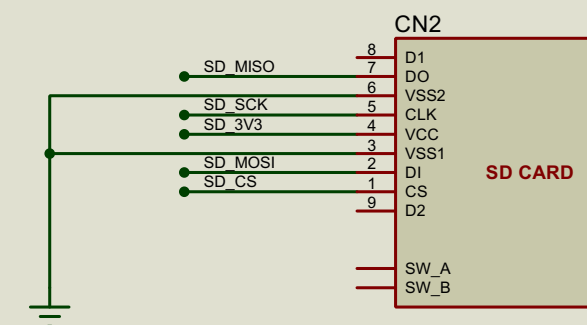
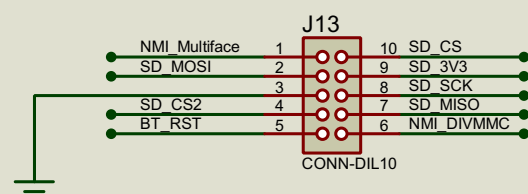
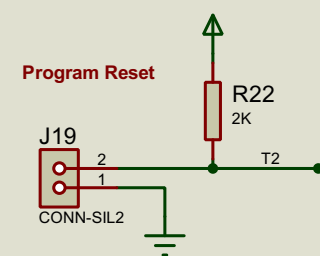
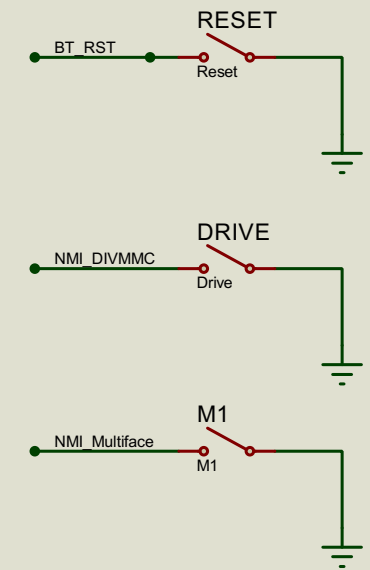
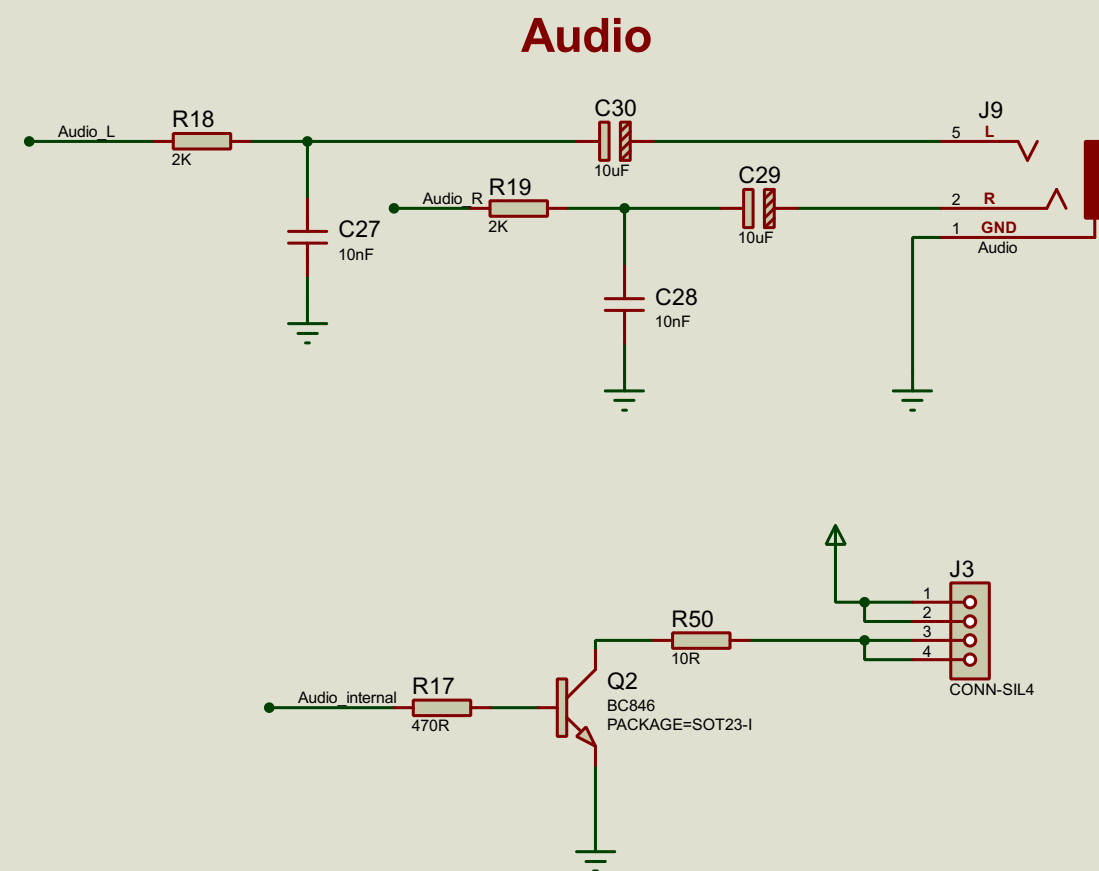
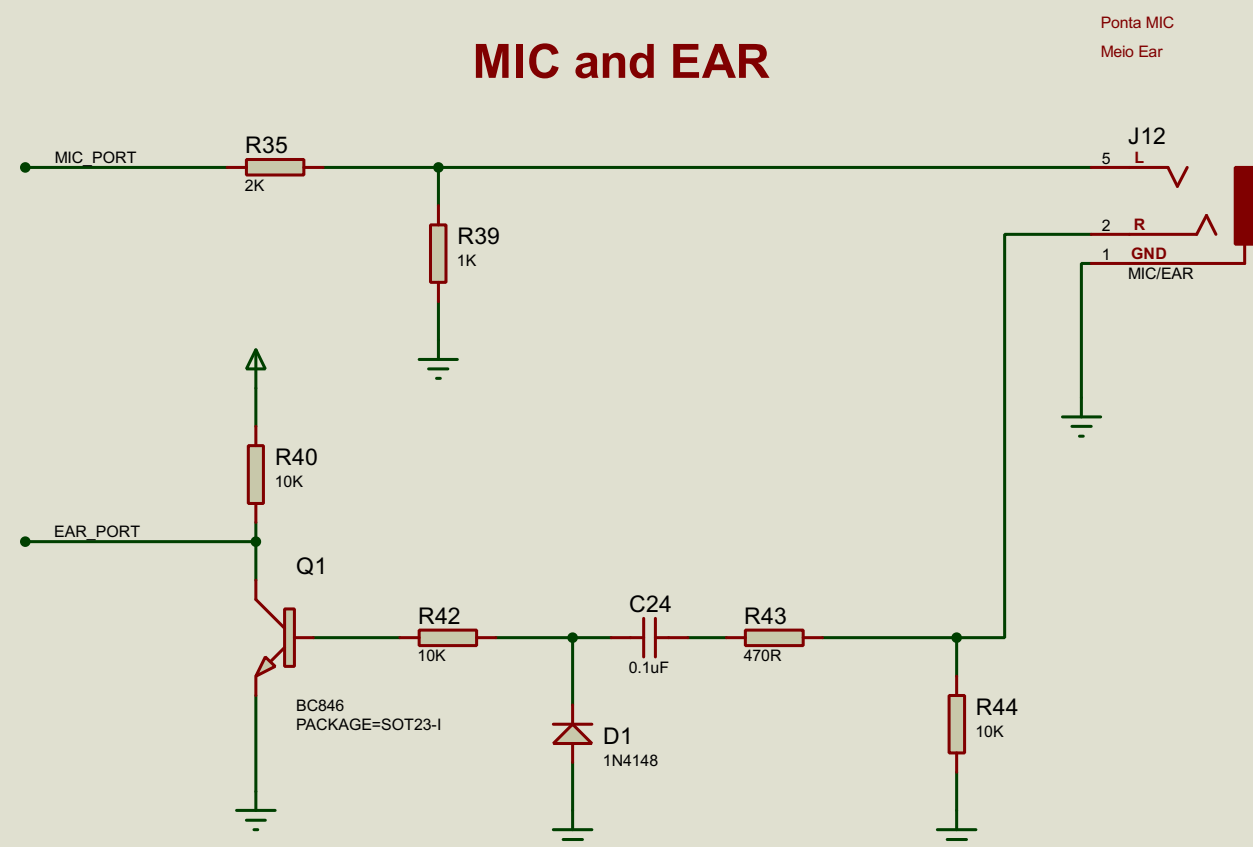
3.3V



1.2V



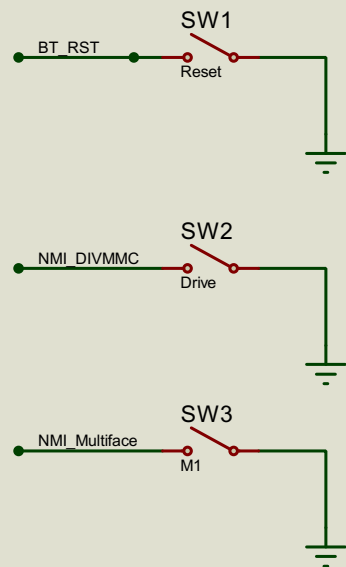
ZX Spectrum Next



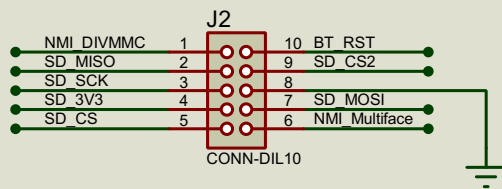
ZX Spectrum Next

Action Buttons

(Need internal pull-ups)

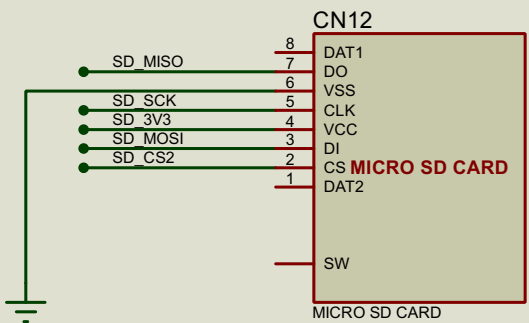
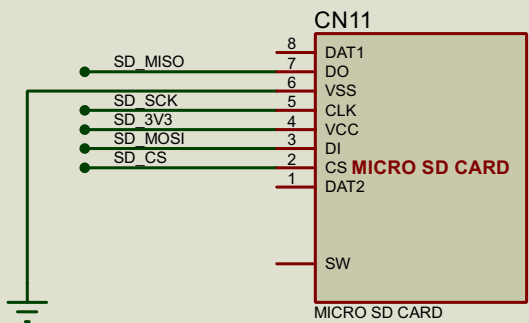
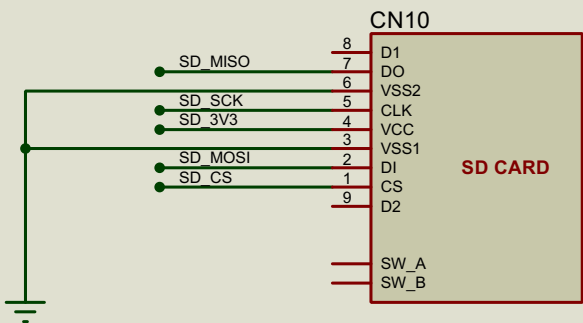


From Main Board



SD Card

(MISO need internal pull-up)



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