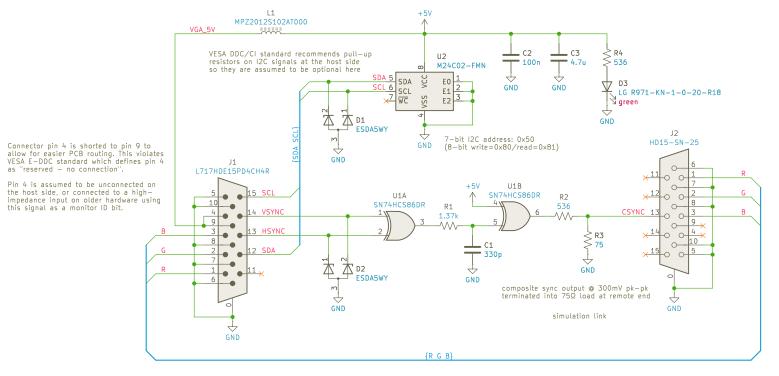
## Notes:

All resistors rated 1% tolerance or better unless noted otherwise
All capacitors rater 10V or higher unless noted otherwise

VESA E-DDC standard allows a display to draw up to 50mA from the  $\pm 5\mathrm{V}$  supplied by the host

Estimated current consumption: 8mA (XNOR) + 1mA (EEPROM) + 6mA (LED) = 15mA



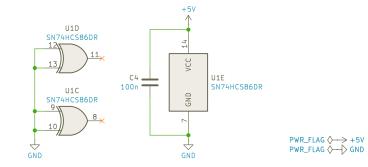
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Source location: https://github.com/windsorschmidt/vga-csync-xnor



File: vga-csync-xnor.kicad\_sch

Title: VGA H/V to Composite Sync Generator (XNOR)

Size: B Date: 2025-08-03 KiCad E.D.A. 9.0.3 ld: 1/1