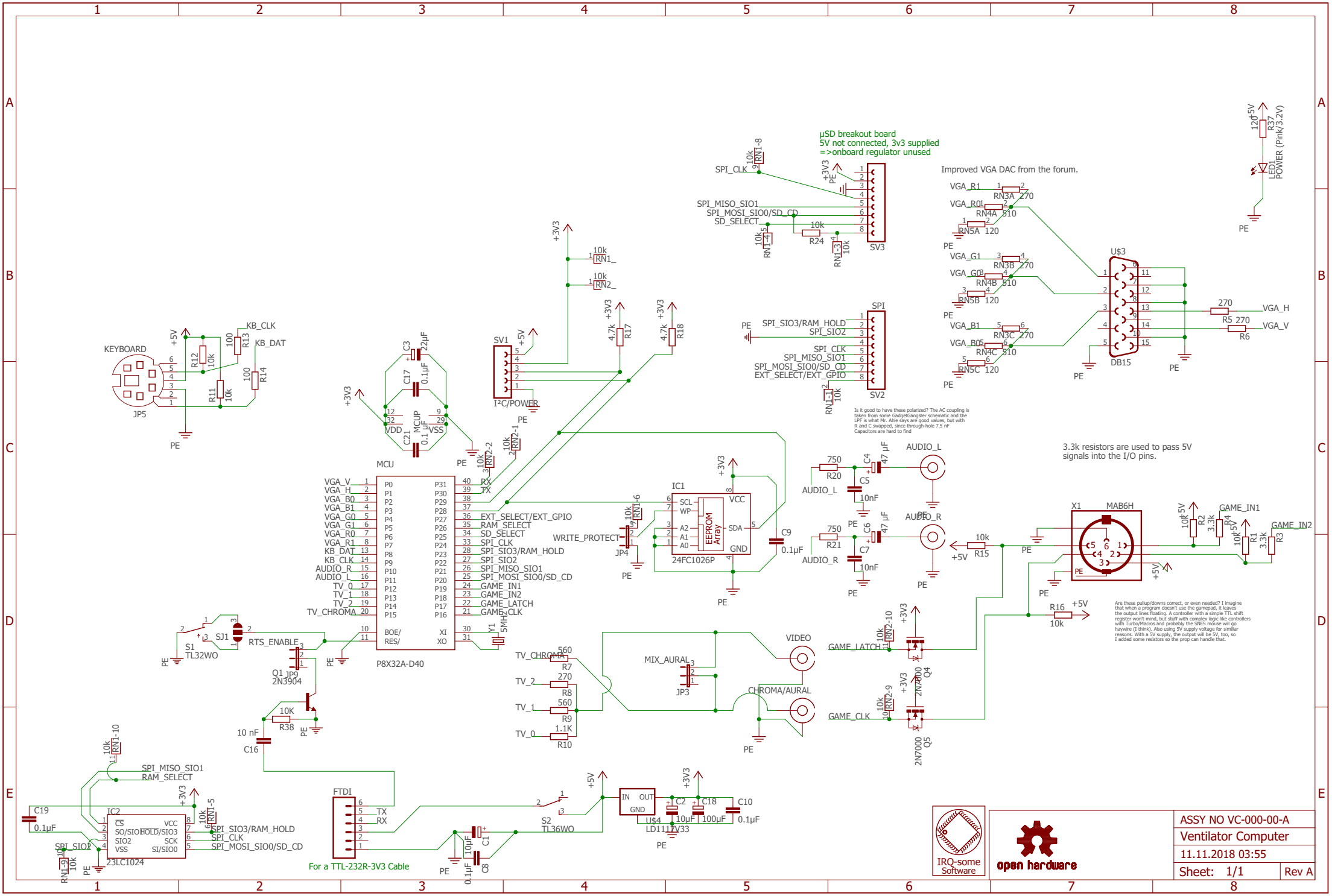
µSD breakout board
5V not connected, 3v3 supplied
=>onboard regulator unused
Improved VGA DAC from the forum.
Is it good to have these polarized? The AC coupling is taken from some GadgetGangster schematic and the LPF is what Mr. Ahle says are good values, but with R and C swapped, since through-hole 7.5 nF Capacitors are hard to find
3.3k resistors are used to pass 5V signals into the I/O pins.
Are these pullup/downs correct, or even needed? I imagine that when a program doesn't use the gamepad, it leaves the output lines floating. A controller with a simple TTL shift register won't mind, but stuff with complex logic like controllers with Turbo/Macros and probably the SNES mouse will go haywire (I think). Also using 5V supply voltage for similar reasons. With a 5V supply, the output will be 5V, too, so I added some resistors so the prop can handle that.
For a TTL-232R-3V3 Cable
ASSY NO VC-000-00-A
Ventilator Computer
11.11.2018 03:55
Sheet: 1/1
Rev A
IRQ-some Software
open hardware