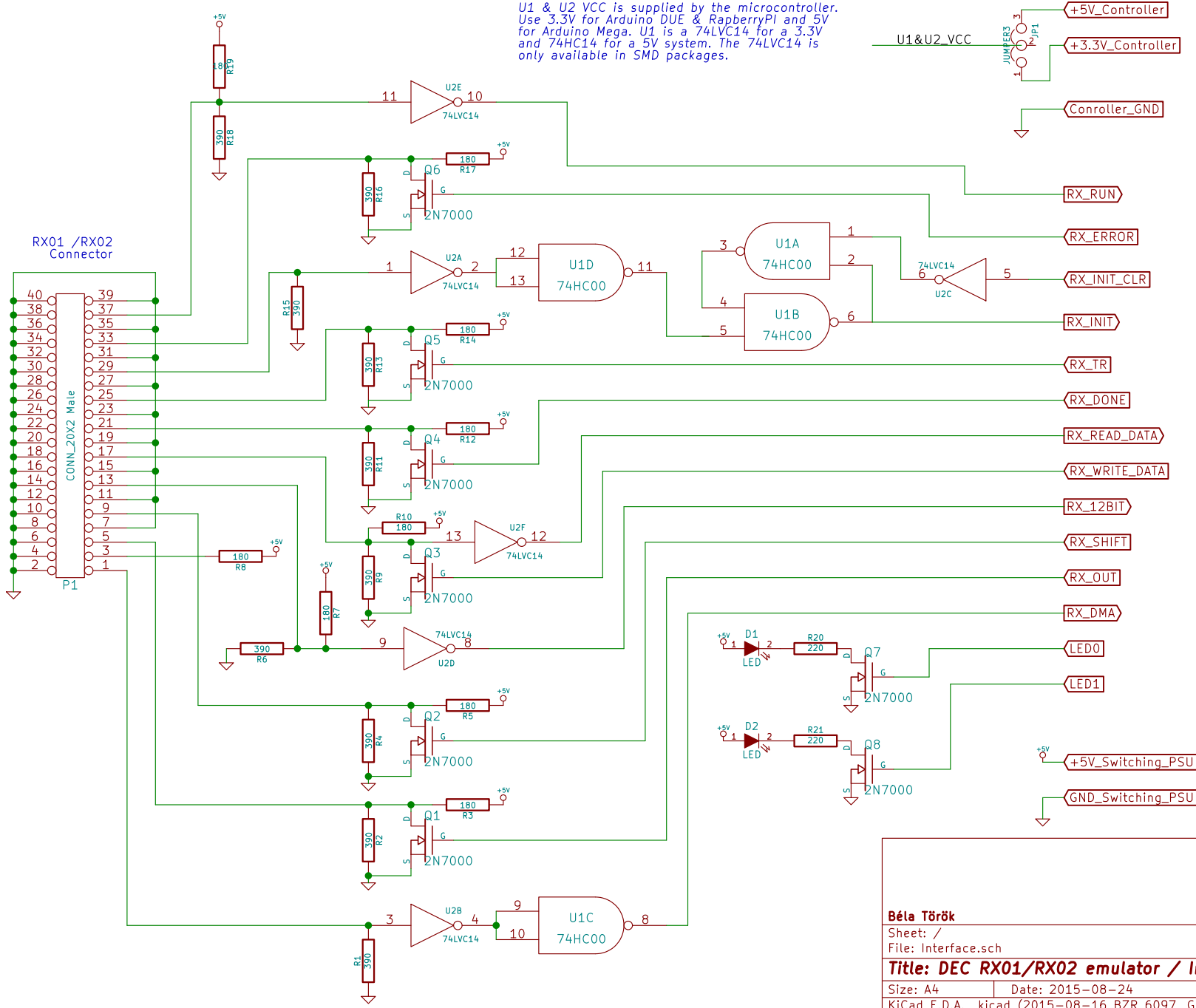


U1 & U2 VCC is supplied by the microcontroller.
 Use 3.3V for Arduino DUE & RaspberryPI and 5V for Arduino Mega. U1 is a 74LVC14 for a 3.3V and 74HC14 for a 5V system. The 74LVC14 is only available in SMD packages.



The 180/390 Ohm terminating resistor network on the RXV11 / RXV21 and on the emulator side in the worst case (PDP11 switched off) require about 600-700 mA current, the microcontroller, e.g., Arduino or RaspberryPI usually can't supply.

Béla Török		
Sheet: /		
File: Interface.sch		
Title: DEC RX01/RX02 emulator / Interface circuit		
Size: A4	Date: 2015-08-24	Rev: 1.2
KiCad E.D.A. kicad (2015-08-16 BZR 6097, Git b384c94)-product		Id: 1/1