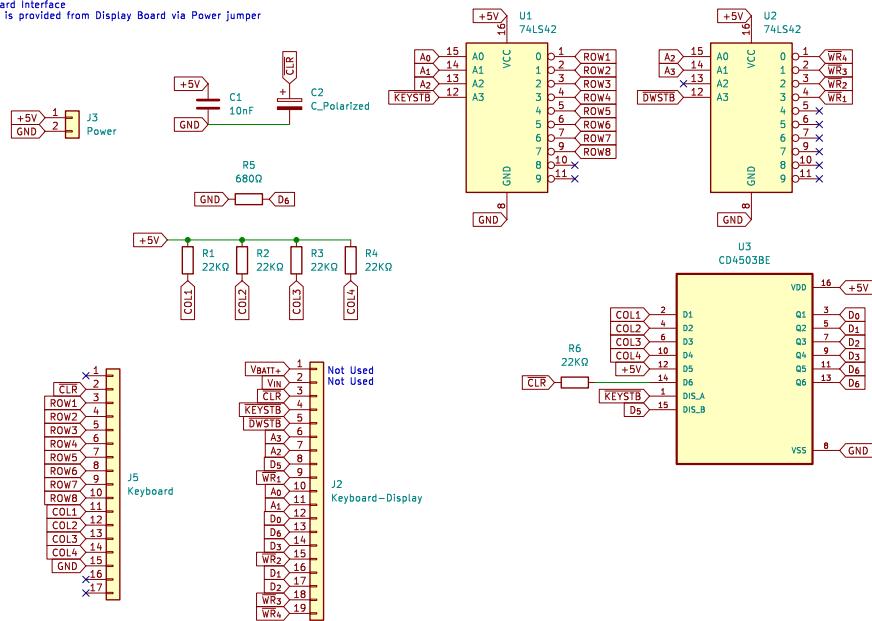


Keyboard Interface

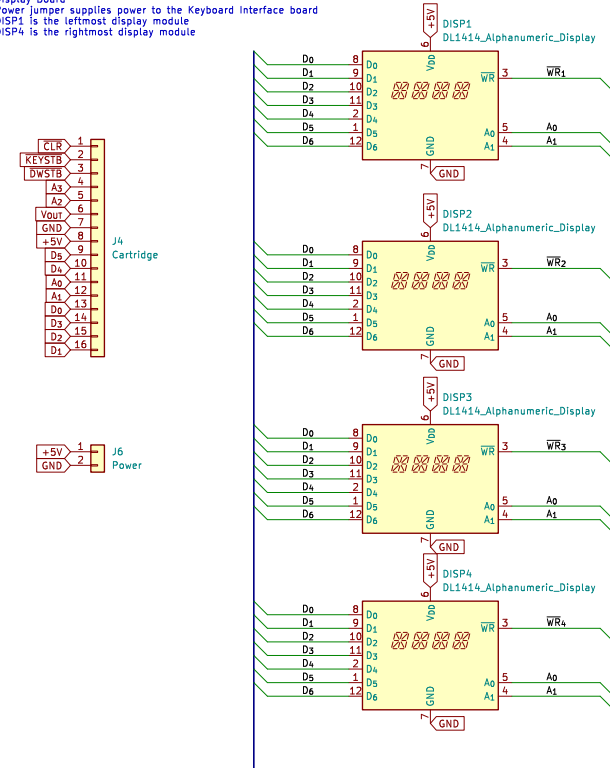
Power is provided from Display Board via Power Jumper



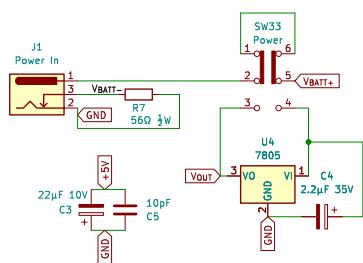
KEYSTB = keyboard strobe
DWSTB = display strobe

Display Board

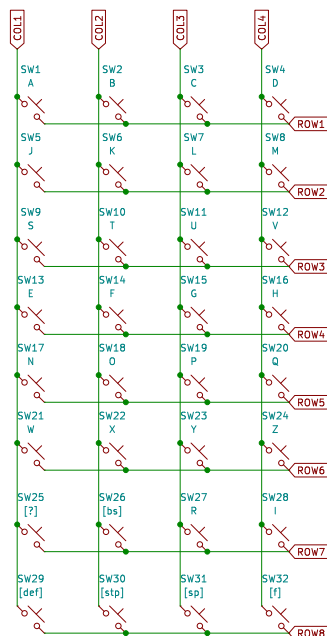
Power Jumper supplies power to the Keyboard interface board
DISP1 is the leftmost display module
DISP4 is the rightmost display module



Power Input (on Display Board)
Vout and +5V must be shorted in the cartridge to enable the LK-3000 to power on.



Keyboard Matrix



www.youtube.com/@Brfff

Brett Hallen

Sheet: /
File: LK3000_Schematics.kicad_sch

Title: Nixdorf LK-3000 Personal Computer

Size: A3 Date: 21/SEP/2025

KiCad E.D.A. 9.0.4

Rev: WORK IN PROGRESS

Id: 1/1