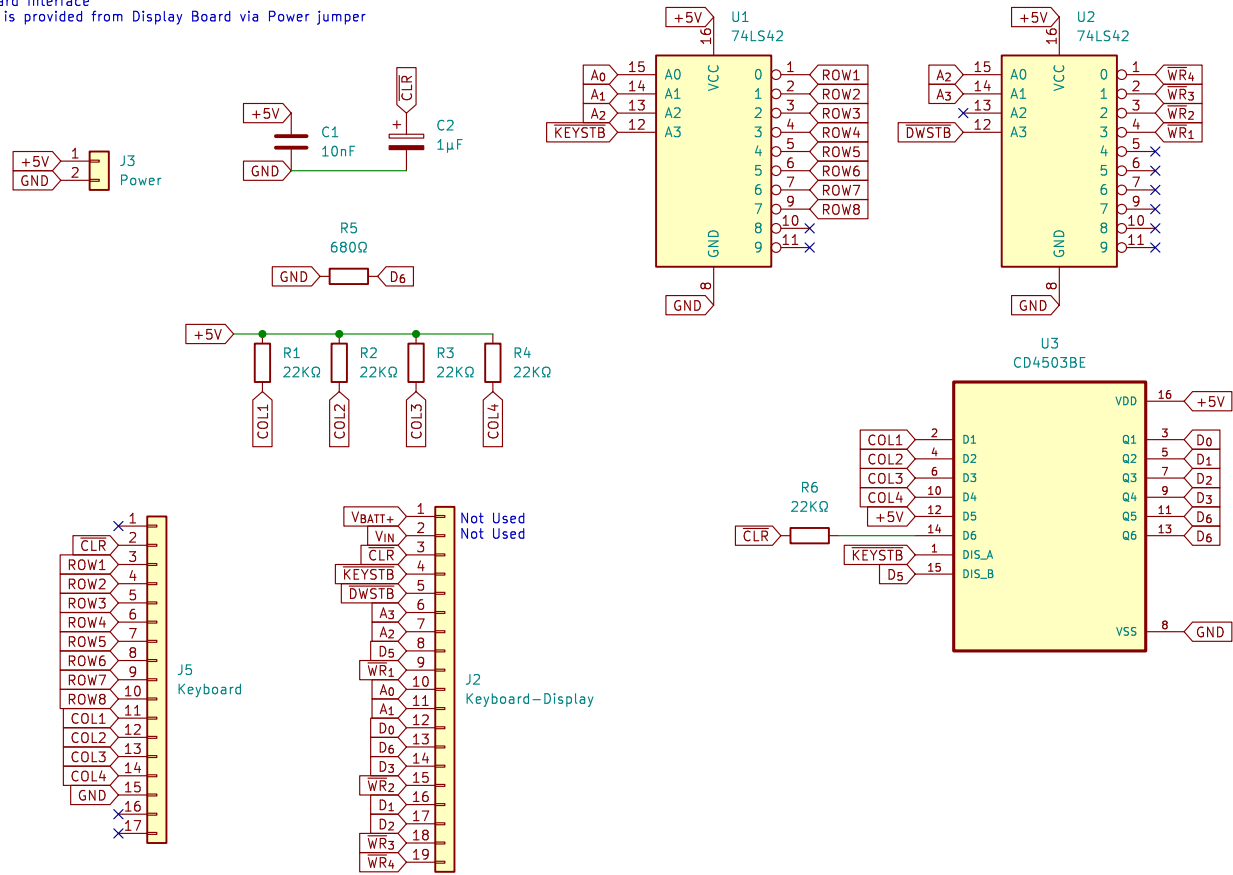
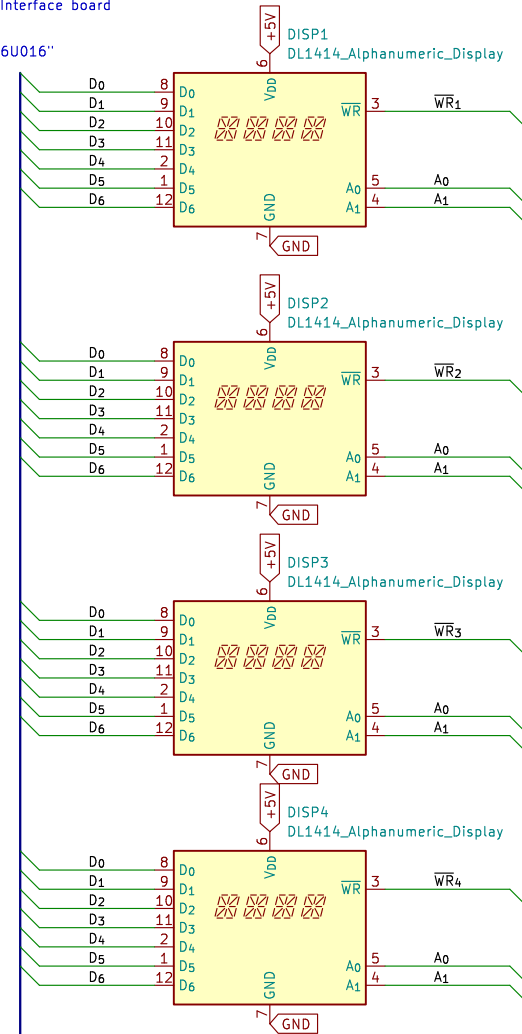
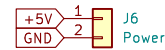
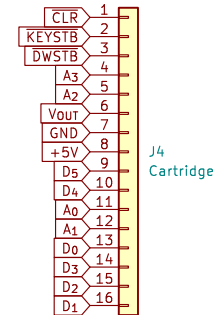


Keyboard Interface
Power is provided from Display Board via Power jumper

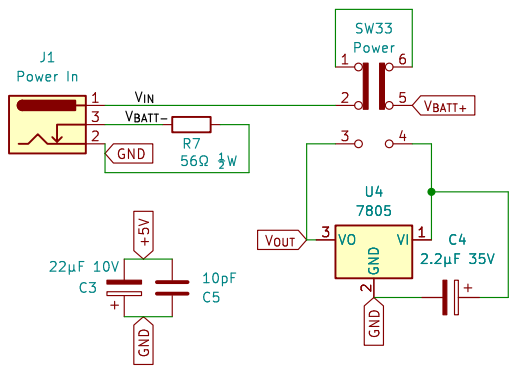


KEYSTB = keyboard strobe
DWSTB = display strobe

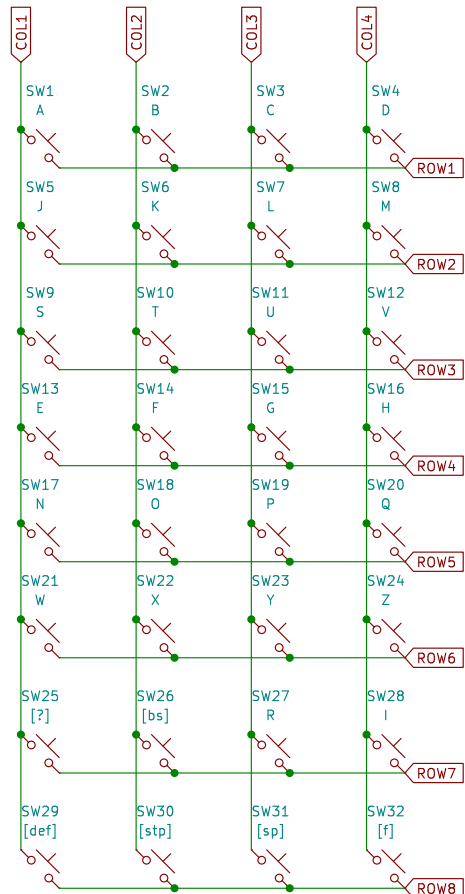
Display Board
Power jumper supplies power to the Keyboard Interface board
DISP1 is the leftmost display module
DISP4 is the rightmost display module
Cartridge connector is "Teledyne Kinetics S 426U016"



Power Input (on Display Board)
Vout and +5V must be bridged in the cartridge to enable the LK-3000 to power on.
Battery is four AA NiCd cells connected in series.
VIN is the input power from the PSU.
VOUT is the regulated +5V used by the system.
VBATT is the battery power source (charging/discharging).



Keyboard Matrix



www.youtube.com/@Brfff

Brett Hallen

Sheet: /
File: LK3000_Schematics.kicad_sch

Title: Nixdorf LK-3000 Personal Computer

Size: A3 Date: 23/SEP/2025

KiCad E.D.A. 9.0.4

Rev: A

Id: 1/1