

CPU and Bus Transceivers



File: cpu_and_bus_transceivers.kicad_sch

Power, Clock, and Reset



File: power_clock_and_reset.kicad_sch

Address Decoding



File: address_decoding.kicad_sch

RAM



File: RAM.kicad_sch

ROM



File: ROM.kicad_sch

Keyboard Interface

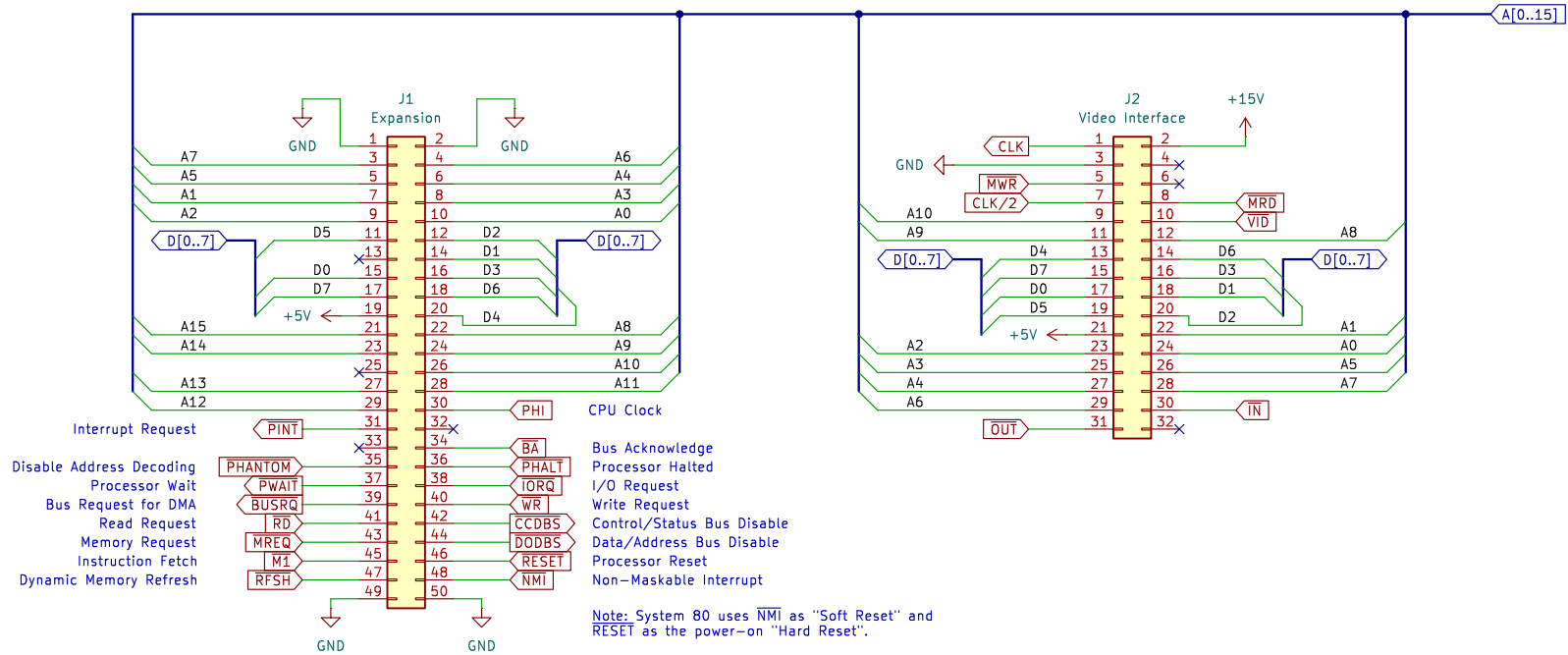


File: keyboard_interface.kicad_sch

Memory Bus



File: memory_bus.kicad_sch



Sheet: /

File: System_80_Main_Board.kicad_sch

Title: Dick Smith System 80 Main Board

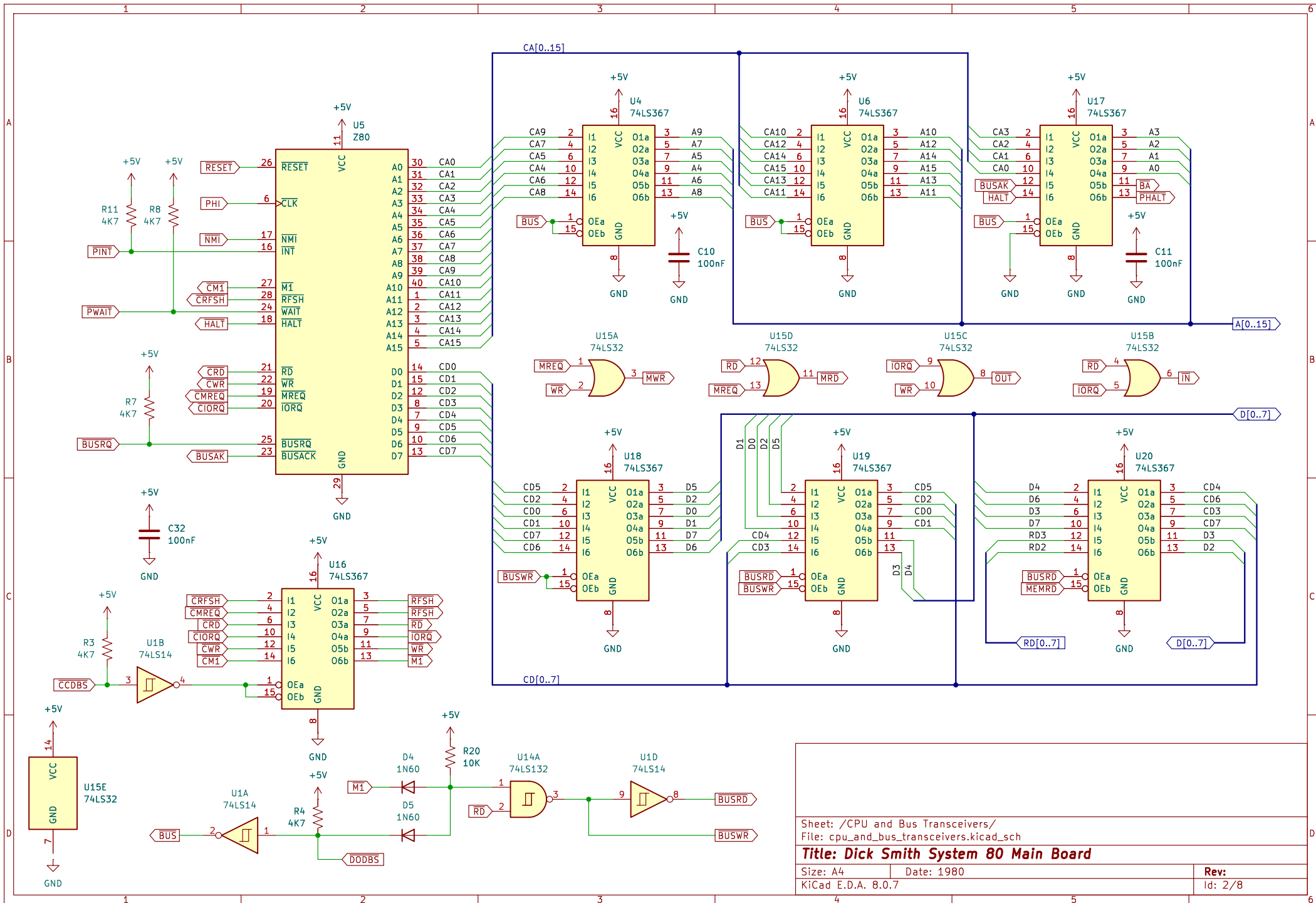
Size: A4

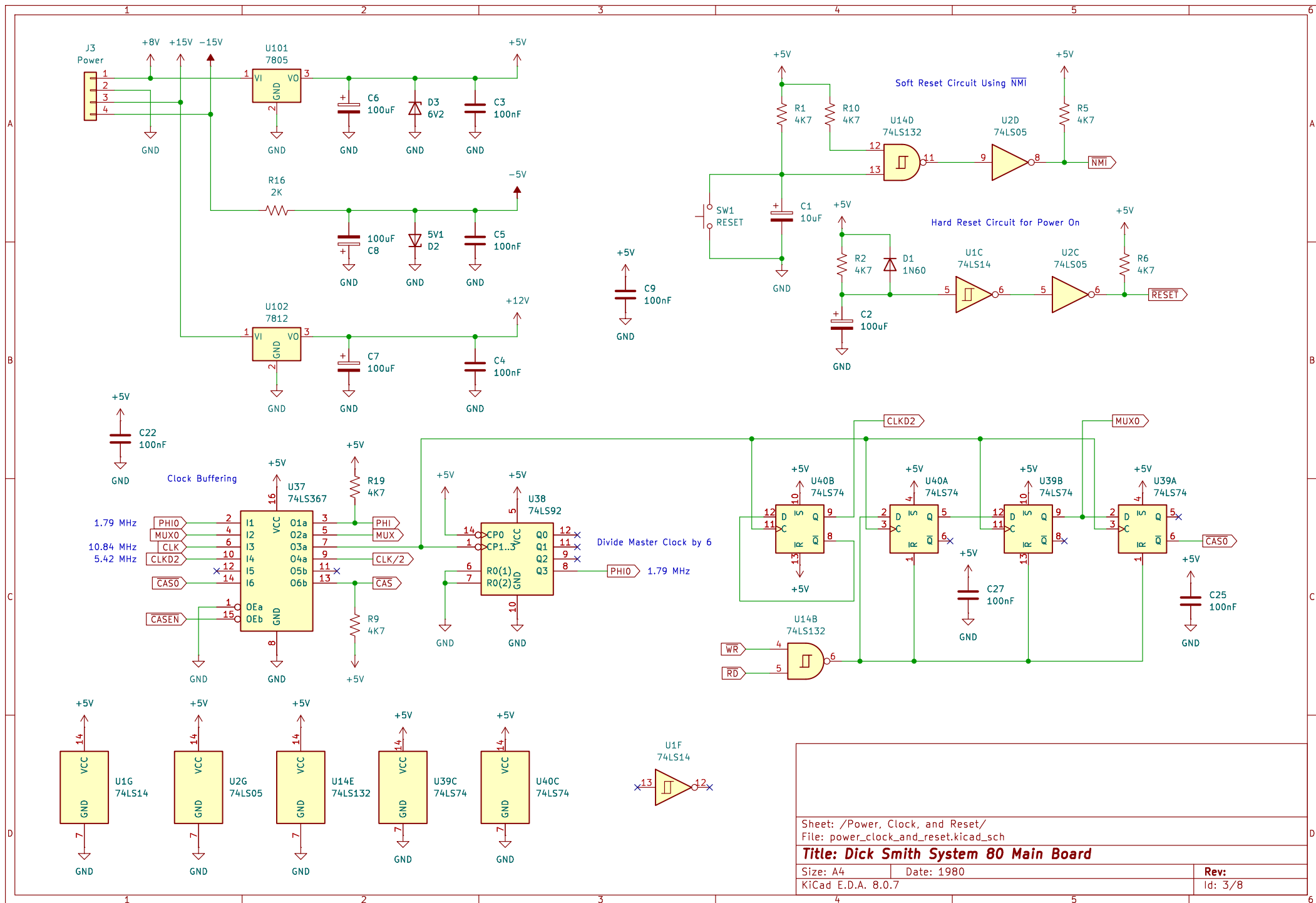
Date: 1980

Rev:

KiCad E.D.A. 8.0.7

Id: 1/8





Sheet: /Power, Clock, and Reset/

File: power_clock_and_reset.kicad_sch

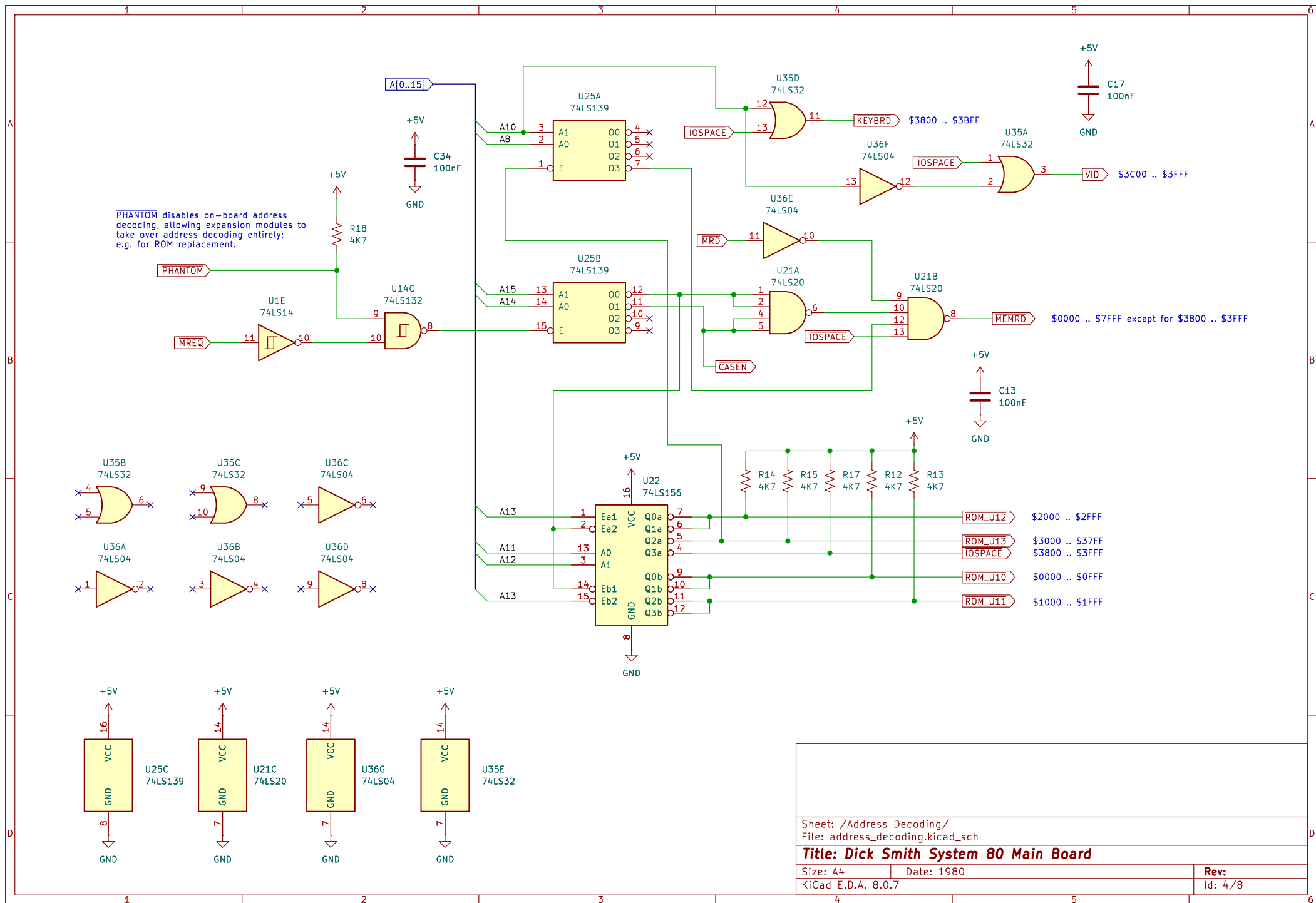
Title: Dick Smith System 80 Main Board

Size: A4 Date: 1980

KiCad E.D.A. 8.0.7

Rev:

Id: 3/8

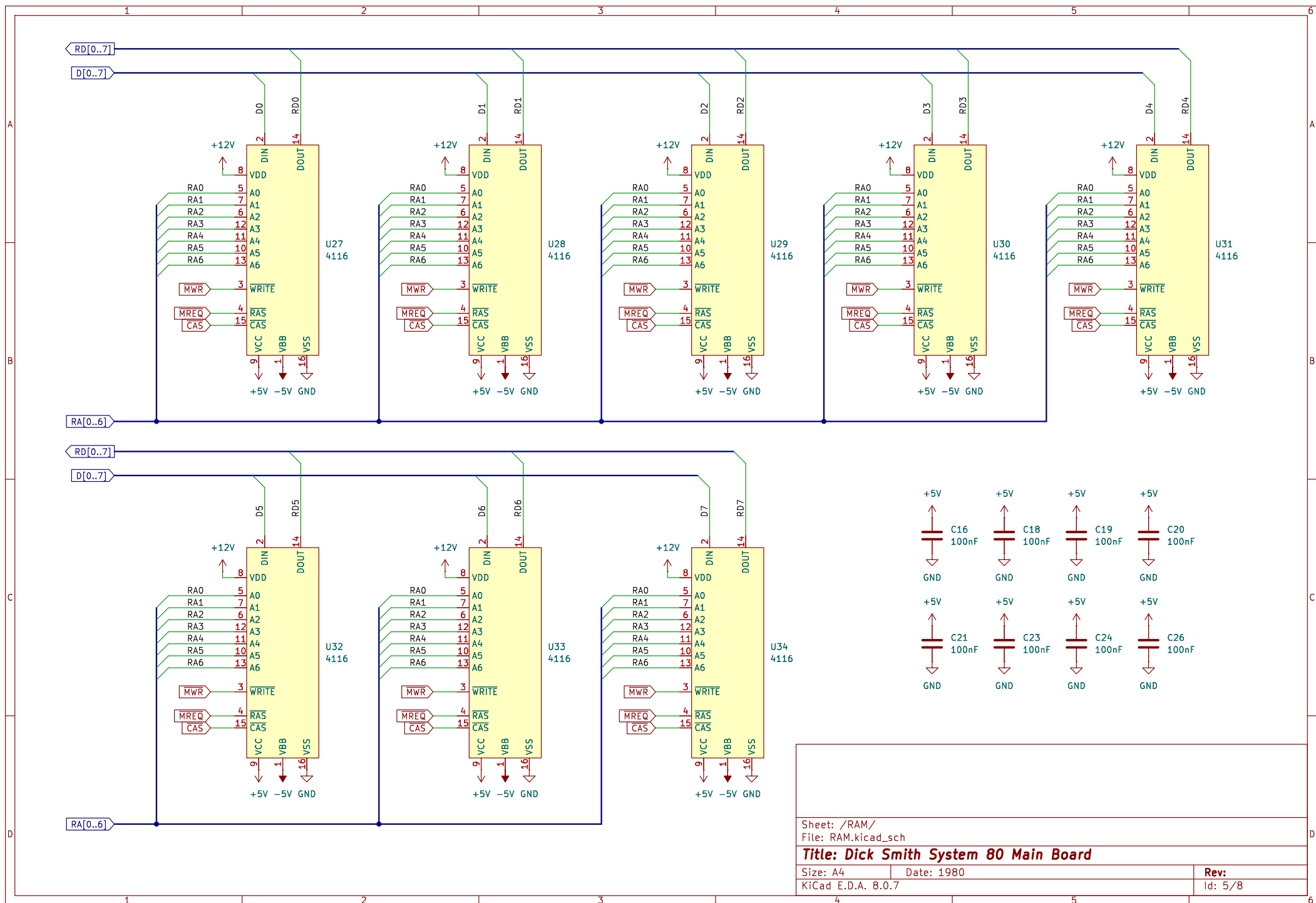


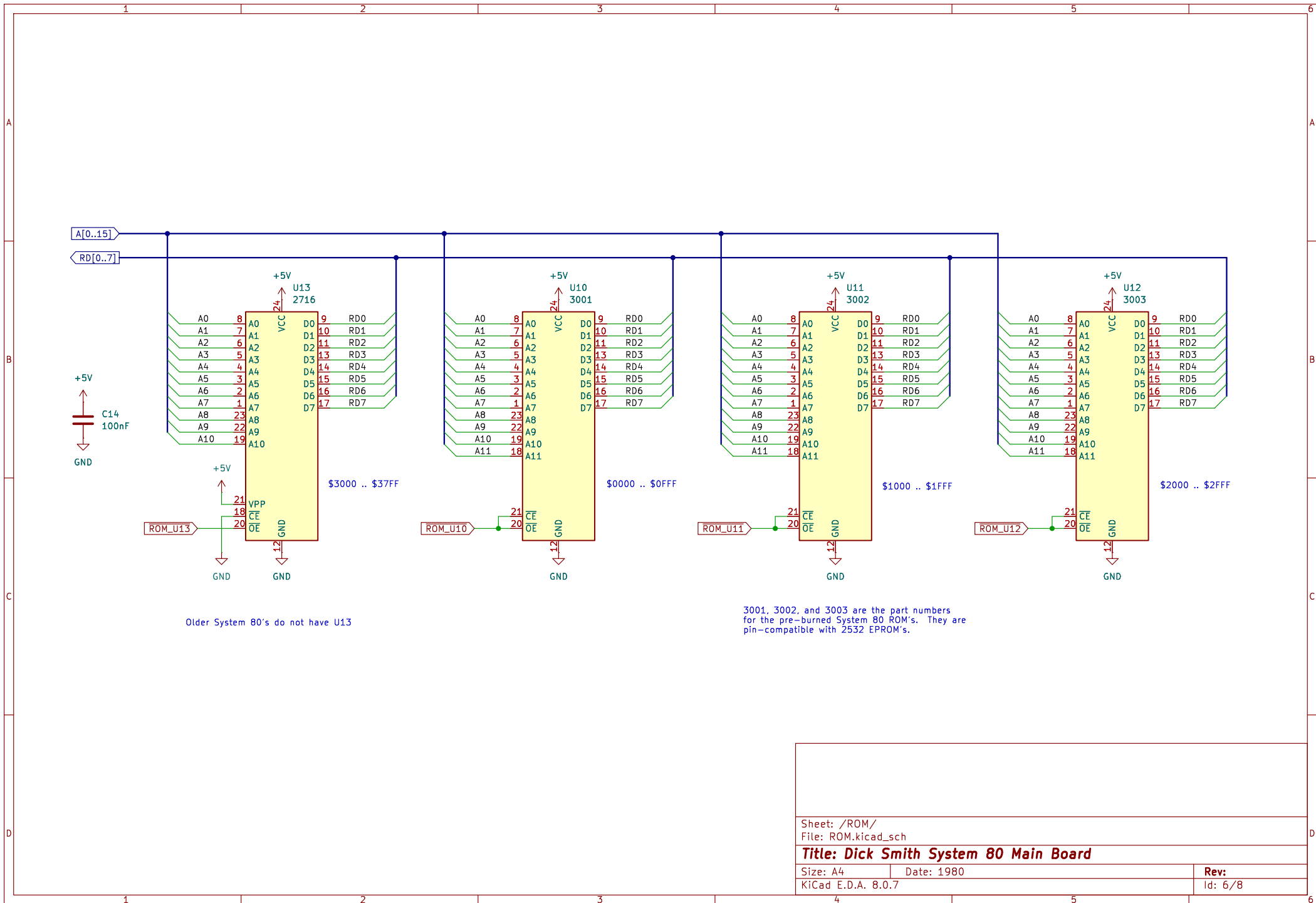
Sheet: /Address Decoding/
File: address_decoding.kicad_sch

Title: Dick Smith System 80 Main Board

Size: A4 | Date: 1980
KiCad E.D.A. 8.0.7

Rev:
Id: 4/8

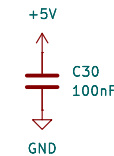
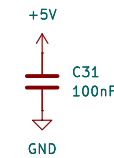
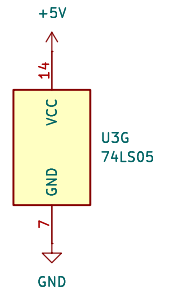
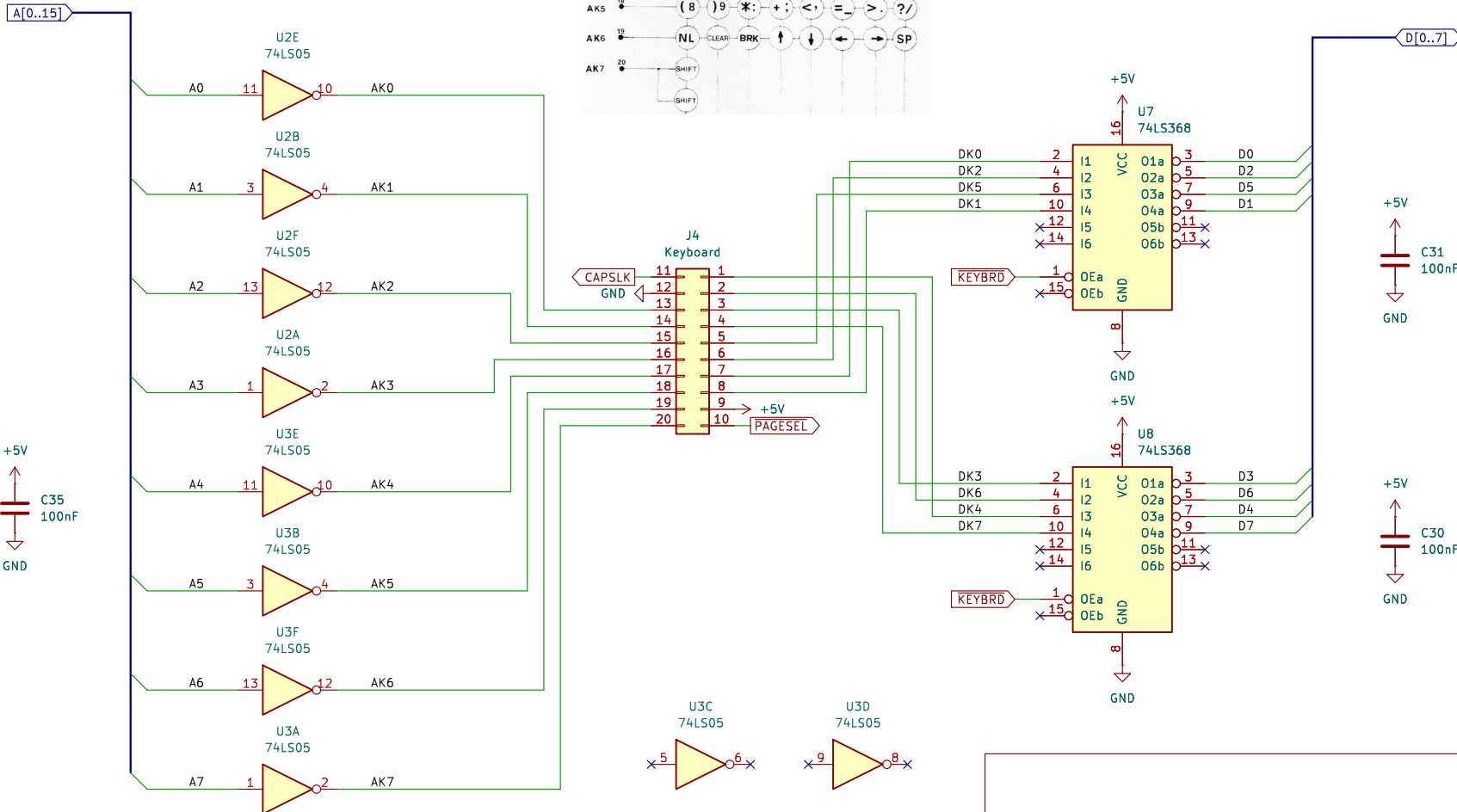
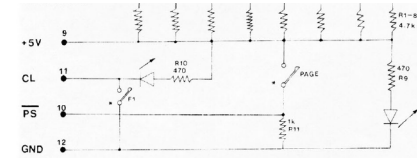
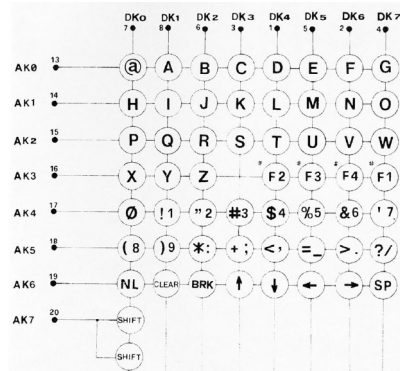




Read from the following addresses for each row:

Row 0 - \$3801 Row 4 - \$3810
 Row 1 - \$3802 Row 5 - \$3820
 Row 2 - \$3804 Row 6 - \$3840
 Row 3 - \$3808 Row 7 - \$3880

The corresponding column will be 1 if the key is pressed.



Sheet: /Keyboard Interface/
 File: keyboard_interface.kicad_sch

Title: Dick Smith System 80 Main Board

Size: A4 Date: 1980
 KiCad E.D.A. 8.0.7

Rev:
 Id: 7/8

