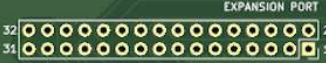
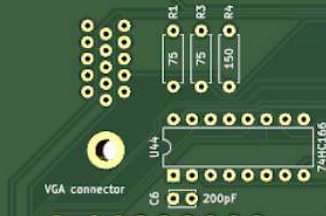


All unlabeled capacitances are 100nF.

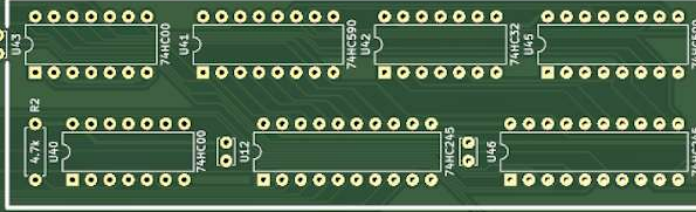


Mini Manual 64 Home Computer
by Carsten Hertling (slu4) 2023

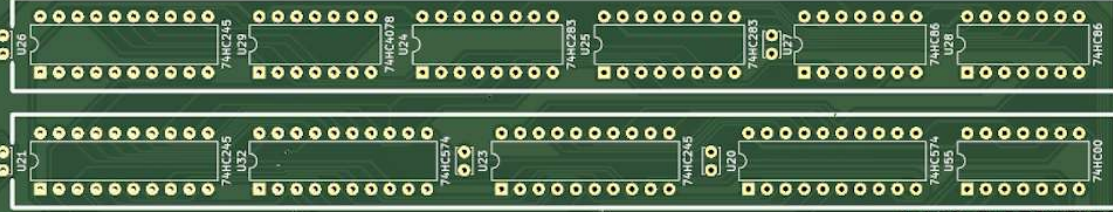
Supply voltage range 4.3V to 5.5V.
Supply current range 140mA to 200mA.
UART bitrate 250kbps, 1 start bit,
8 data bits, 2 stop bits, new line LF,
transmit delay 10ms/line.



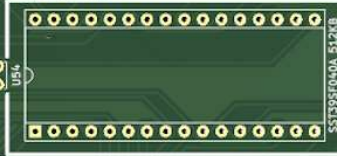
VIDEO GRAPHICS ADAPTER



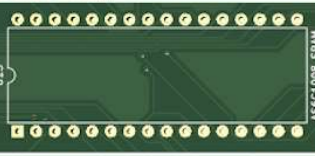
ALU ARITHMETIC FUNCTIONS



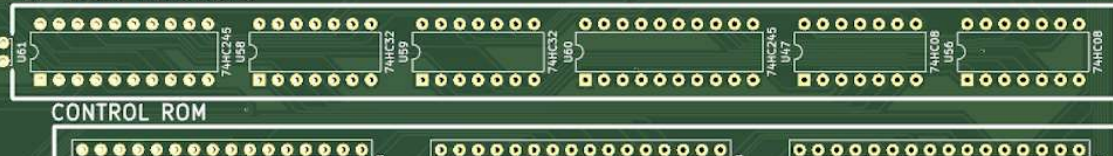
512KB SSD



64KB RAM

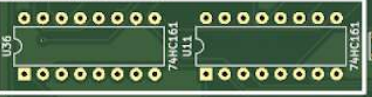


ALU LOGIC FUNCTIONS

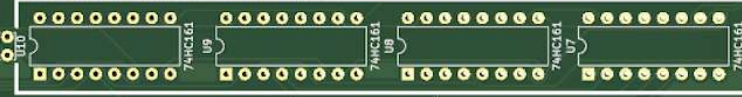


A AND B REGISTERS

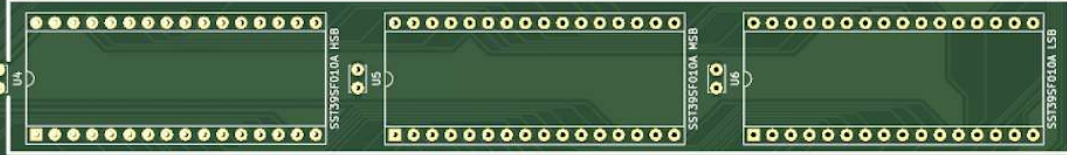
BANK REGISTER



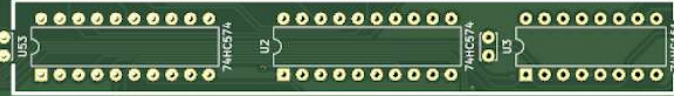
MEMORY ADDRESS REGISTER



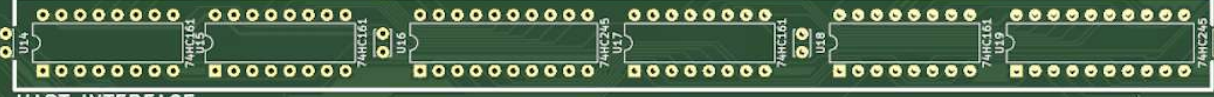
CONTROL ROM



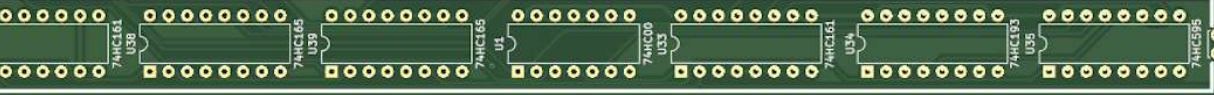
INSTRUCTION REGISTER



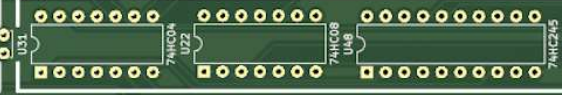
PROGRAM COUNTER



UART INTERFACE



PS/2 INTERFACE



CLOCK SIGNALS

