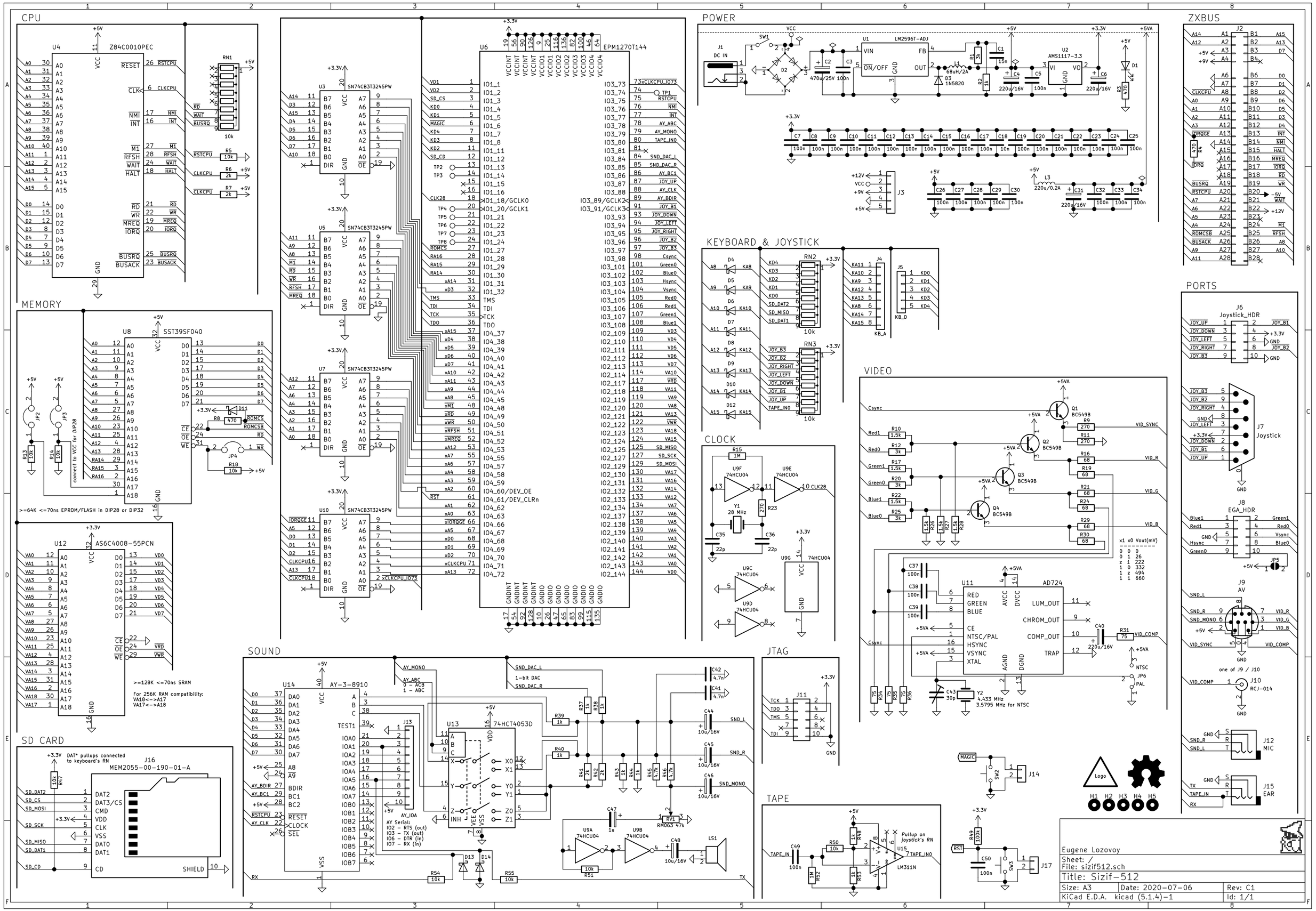
CPU
U4 Z84C0010PEC
MEMORY
U8 SST39SF040
>=64K <=70ns EPROM/FLASH in DIP28 or DIP32
U12 AS6C4008-55PCN
>=128K <=70ns SRAM
For 256K RAM compatibility:
VA18<->A17
VA17<->A18
SD CARD
J16 MEM2055-00-190-01-A
DAT* pullups connected to keyboard's RN
U3 SN74CB3T3245PW
U5 SN74CB3T3245PW
U7 SN74CB3T3245PW
U10 SN74CB3T3245PW
U6 EPM1270T144
SOUND
U14 AY-3-8910
U13 74HCT4053D
AY Serial:
IO2 – RTS (out)
IO3 – TX (out)
IO6 – DTR (in)
IO7 – RX (in)
POWER
J1 DC IN
U1 LM2596T-ADJ
U2 AMS1117-3.3
KEYBOARD & JOYSTICK
RN2
RN3
J4
J5
CLOCK
U9F 74HCU04
U9E 74HCU04
Y1 28 MHz
U9C 74HCU04
U9D 74HCU04
U9G 74HCU04
VIDEO
Q1 BC549B
Q2 BC549B
Q3 BC549B
Q4 BC549B
U11 AD724
Y2 4.433 MHz
3.5795 MHz for NTSC
JTAG
J11
TAPE
U15 LM311N
Pullup on joystick's RN
ZXBUS
J2
PORTS
J6 Joystick_HDR
J7 Joystick
J8 EGA_HDR
J9 AV
J10 RCJ-014
J12 MIC
J15 EAR
J14
J17
Logo
H1 H2 H3 H4 H5
Eugene Lozovoy
Sheet: /
File: sizif512.sch
Title: Sizif-512
Size: A3
Date: 2020-07-06
Rev: C1
KiCad E.D.A. kicad (5.1.4)-1
Id: 1/1