REG1

U106 C64 Power Switch 9

Pin2 U20

Power Jack 2.1mm U1

SOCKET1 Expansions Port

3.3K Star Network R2

3.3K Star Network R3

C55 1000UR25V

J12 C64 Jumper 3 28C256 27C256

J10 C64 Jumper 3 28C256 27C256

CHAROM

CS_EEPROM

74LS08 U16

C64 AT28C256 EEProm U22

A14 is switching between Basic/Kernel

U13B 74LVC1G17DBV

6510 CPU U19

PHI2 BOOST R9k

RESET

R_W

LORAM

HIRAM

CHAREN

DOT_CLOCK

FERRITE Double FB2

8701 U18

DOT_CLOCK_OUT

PAL_IP

COLORE

QUARZ CAP TRIMMER

QUARZ PAL 17.734475 MHZ U14

QUARZ NTSC: 14.318 MHz U68

C64 Jumper 3 J14

C64 Jumper J4

C8 100nF

C11

C7 560pf

R36 33R

R42 33R

R43 470R

Q8 BC548B

Q6 BC548B

U39 COMPOSITE

U4 C64 Jumper

U17 Pins 3

CON1 C64 S-Video Buchse

Luma

Chroma

GND

SHLD

VIC II ---> S-VIDEO OUT

LUMA_FIX

CHROMA

R38 150R

R39 470R

1N4148 U18

R40 470R

R41 33R

JP3 3V 5V

100nF

SID 1 U38

8580 Caps J23 J24

22nF 470pF CS2 CS3 CS4 CS5

C26 C27

C41 2.2nF C42 2.2nF

J11 Digital

POTX POTY

100nF

Audio Jack 4 Pol 66125 J2

AUDIO AUDIO2

Mono J3

C24 10uF / 3mm

C25 10uF / 3mm

TRIMMER FLACH 1K

AUDIO OUT Pin U35

AUDIO2 OUT Pin U40

BC548B

470pF 1nF

R33 10K

R34 1K

GND Pin U33

AUDIO2 IN Pin U34

KEYBOARD

USERPORT

LIGHTPEN

6526 CIA U9

6526 CIA U8

33uH/5mh L1

RESET

PHI2 FLAG2 SP2 CNT2 SP1 CNT1 PC2 /SP /CNT /IRQ R/W /RES

C64 KEYBOARD 20-PIN MALE

IRESTORE

RESTORE

L2 33uH 5mh

10k R4

4.7UF/25V C5

C64 UserPort P3

RESISTORS 9 Pin Star Network R37

LED U79

9Pin Conn J7

Preset Jumper J6

RESISTORS R8

74LS06 U7

74LS14 U33

RESTORE

EXT_RESET

CASRAM

CBASEOM

CHAROM

CHRD

R53 Trimmer 1K

C58 47pF

LUMA_FIX 75R Mono

C9 220uF/16V

D1 1N4148

R10 10K

SRAM UM61512AK-15 U104

UM61512A

C37 470pF C40 220pF C38

C31 100nF

U41 U43 U44 U45 U42 U46

U47 C64 SERIAL PORT DATA

R11 10k

R34 100K

TRIMMER FLACH 100K R55

NE555 U6

TOD

TITLE: "Micro/Laptop" Board

REV: 1.0

Company: Public Domain

Sheet: 1/1

Date: 2020-01-08 Drawn By: Public Domain