POWER SUPPLY & CHARGER

USB1
TYPE-C16PIN
GND
A1B12
VBUS
A4B9
CC1
A5
DP1
A6
DN1
A7
SBU1
A8
CC2
B5
DP2
B6
DN2
B7
SBU2
B8
VBUS
A4B9
GND
B1A12
SHELL
1
SHELL
2
SHELL
3
SHELL
4
Type-C
V_USB
D+
D-
R33
5K1
R34
5K1
USB2
V+
D-
D+
ID
V-
micro USB
U4 TP4056
TEMP
PROG
GND
VCC
CE
!CHRG
!STDBY
BAT
TP4056
CHRG_STAT
CHRG
FULL
R31
2k
R32
2k
R30
1K2
C12
10uF
C13
100nF
C14
10uF
V_BATT
R24
47K
USB_DET
R25
47K
Q1
AO3401
1A/40V/500mV
D1
SW13
POWSWT
R23
10K
R26
100K
U2
IN
OUT
EN
GND
BP
MIC5219 3.3V
C6
470pF
C7
10uF
3.3V
U3
MIC5219 3.3V
R27
100K
C8
470pF
C9
10uF
3.3V_TFT
J3
C10
100nF
470K
R28
470K
R29
C11
100nF
VBAT_S

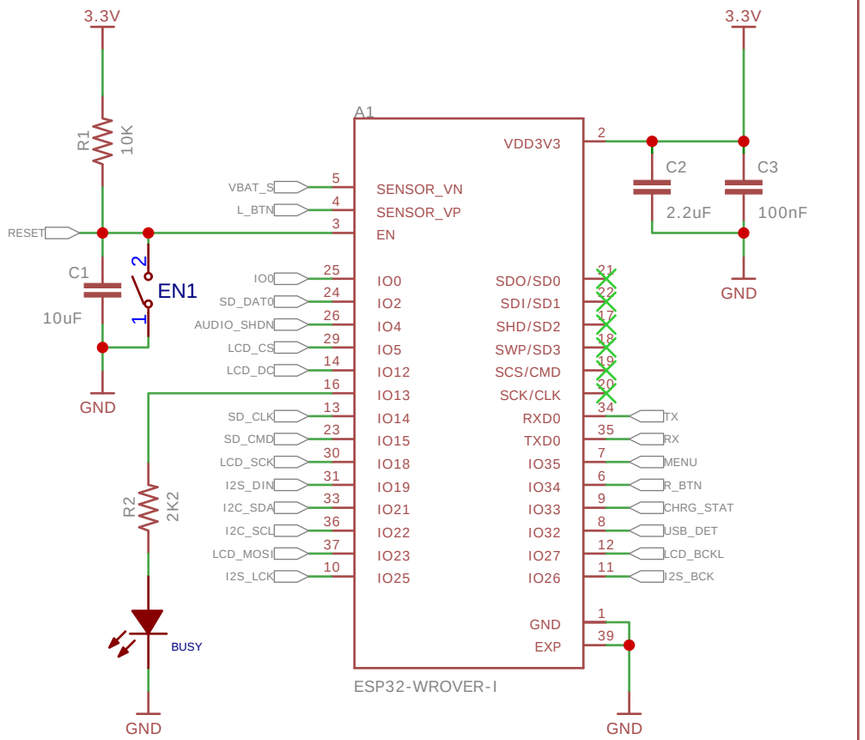
USB TO SERIAL

U5 CH340C
GND
TX
RX
D+
D-
C15
1uF
TXD
RXD
V3
UD+
UD-
NC
NC
VCC
R232
RTS
DTR
DCD
RI
DSR
CTS
RTS
DTR
3.3V
C16
10uF

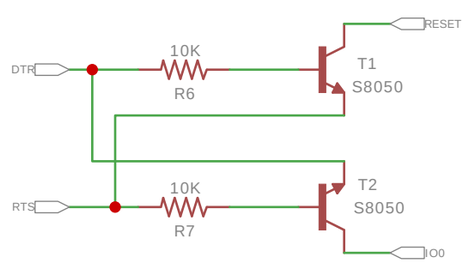
AUDIO

VIN
J5
SPKL+
SPKL-
J6
SPKR-
SPKR+
U7
+OUT_L
PGND
-OUT_L
PVDD
MUTE
VDD
INL
VREF
+OUT_R
PGND1
-OUT_R
PVDD1
SHND
GND
INR
NC
PAM8403
AUDIO_SHDN
R82 100K
C82
10uF
C83
1uF
C84
10nF
C85
10nF
C86
1uF
C87
10uF
R80
10K
C80
220nF
R81
10K
C81
220nF
J4
LDAC
RDAC
AUDIO_JACK_3.5MM_PTH
C61
47uF
C60
100nF
C63
47uF
C62
100nF
U6
I2C Audio DAC'
VDDA
VSSA
VDDD
VSSD
SYSCLK/PLL1
BCK
WS
DATAI
SFOR1
SFOR0
MUTE
DEEM/CLKOUT
PLL0
VOUTL
VOUTR
VREF(DAC)
Op. Temp: -4085 ° C'
UDA1334ATS
I2S_BCK
I2S_LCK
I2S_DIN
R60
10K
R61
10K
R63
10K
R64
10K
R65
10K
R66
10K
C64
47uF
R74
100
R72
220K
C66
10nF
C65
47uF
R75
100
R73
220K
C67
10nF
C68
100nF
C69
10uF

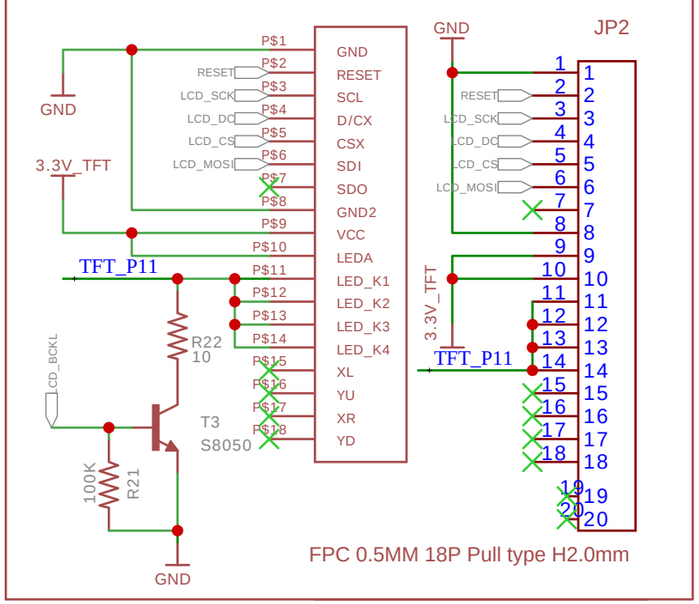
MICROCONTROLLER



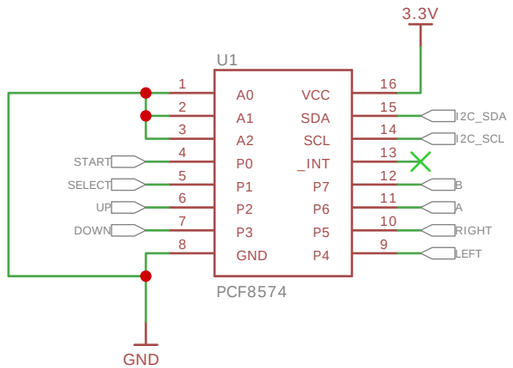
AUTO RESET

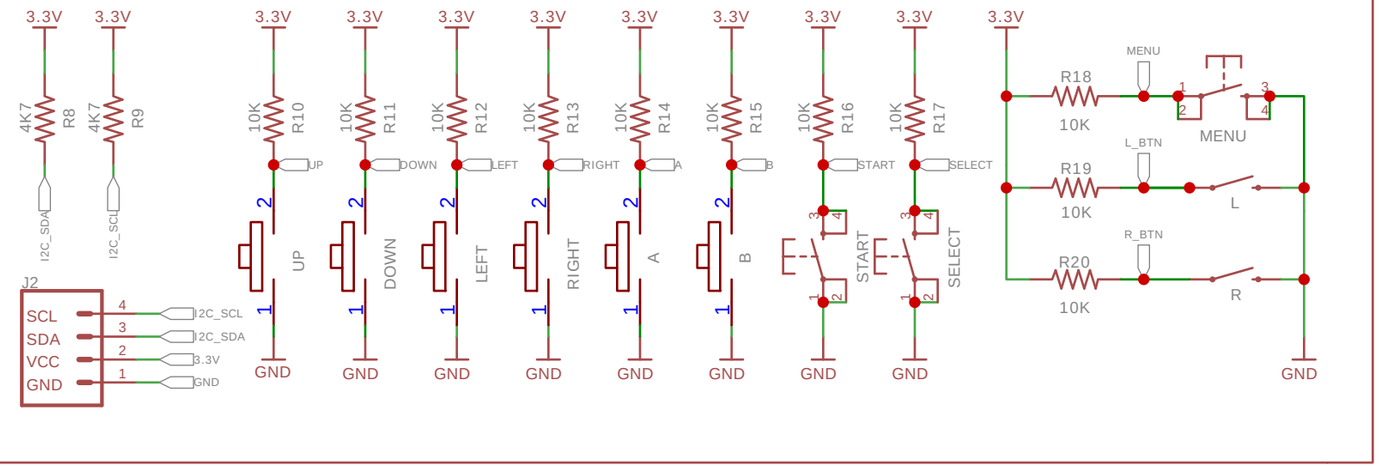


TFT DISPLAY

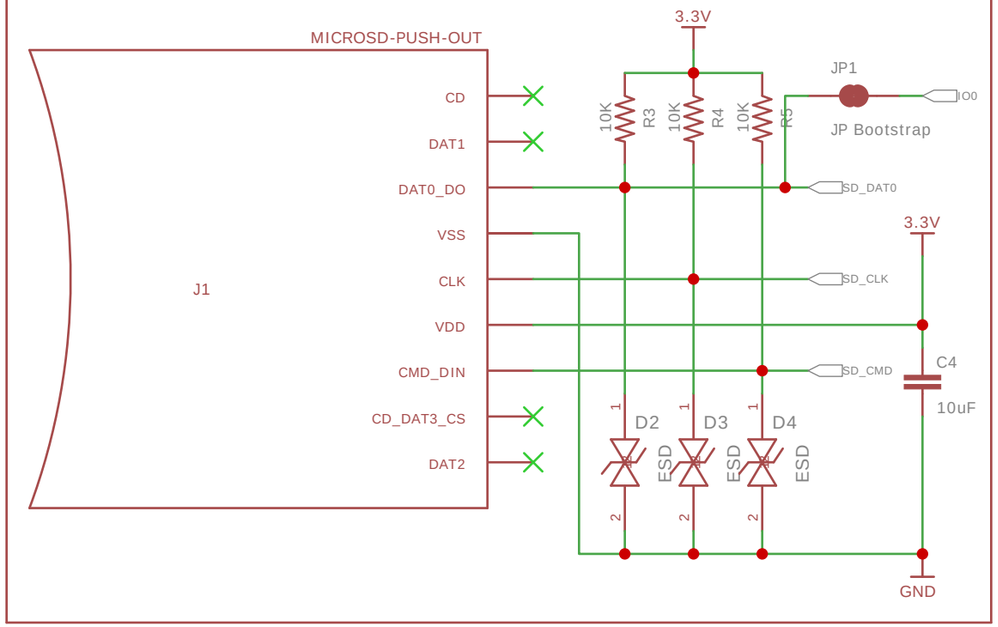


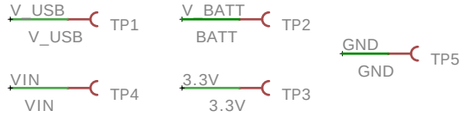
INPUT





STORAGE





ESPLAY MICRO	
2021-05-20	FUJI PEBRI
Sheet: >SHEET	Rev: 2.1