J1

DP 2 | 1 DM
RX+ 4 | 3
RX- 6 | 5
C_TX+ 8 | 7
C_TX- 10 | 9
5V

HEADER 5X2

FB3
220 @ 100MHz

C24 0.1uF
C23 10uF
VBUS

DVDD33 R3 4.7K
STICK R1 330 0402
Q1 MMBT3904LT1G
0402

CD
R10 4.7K 0402
R11 4.7K 0402
C25 0.1uF
DVDD33

DP_R R9 33 DP
DM_R R7 33 DM
R5 0 SD_WP
CLK_R R6 33 CLK
C1 18pF

U2
SPICE 1 CE#   VCC 8
SPISO 2 SO   HOLD# 7 SPISCK
3 WP#   SCK 6 SPISI
4 GND   SI 5

M25P10-AVMN6TP

C_TX- C17 0.1uF TX-
C_TX+ C15 0.1uF TX+

SILKSCREEN:
SDCARD PWR&ACCESS

LED R8 330
D1
BL-LS0603SRC
R4 680 1%

AVDD12 AVDD33 DVDD12 DVDD33
3 46 9 43 21 42 40 31

U1-2

VHSI 30 VUHSI
DVDD33 22 V33IN   PMOS 39 VDD_SD
VBUS 38 VBUS   GND 6
EP 47

GL3233-PM

U1-1
DP_R 44 DP   SD_CDZ 20 CD
DM_R 45 DM   MS_INS 23
TX- 1 TXN   XD_CDZ 32
TX+ 2 TXP   XD_RBZ 11
RX- 4 RXN   XD_REZ 12
RX+ 5 RXP   XD_CEZ 13
10 RTERM   XD_WEZ 14
                   SB1 24 D1
SSXI 7 X1   SB2 25 D0
SSXO 8 X2   SB3 26 CLK_R
                   SB4 27 CMD
                   SB5 28 D3
LED 33 LED   SB6 29 D2
SPICE 34 SPI_CS   SB7 15
SPISCK 35 SPI_CK   SB8 16
SPISI 36 SPI_SI   SB9 17
SPISO 37 SPI_SO   SB10 18
RST 41 RSTZ   SB11 19 SD_WP

GL3233-PM

C22 0.1uF

C3 10uF
C2 0.1uF

J2
D2 A1 DAT2
D3 A2 CD/DAT3/CS
CMD A3 CMD/DI
A4 VSS1
VDD_SD A5 VDD
CLK A6 CLK/SCK
B1 VSS2
D0 B2 DAT0/DO
D1 B3 DAT1/IRQ
B4 VSS1
CD R2 33 B5 CD

RP10-11F

C14 1uF
C13 0.1uF
C11 100pF
VHSI

DVDD33
C4 10uF C10 0.1uF C16 0.1uF C21 0.1uF
FB1 220 @ 100MHz
C19 0.1uF C9 0.1uF
AVDD33

DVDD12
C5 10uF C6 0.1uF C20 0.1uF
FB2 220 @ 100MHz
C12 0.1uF C18 0.1uF
AVDD12

Y1
SSXO 1 XO   GND 4 SSXI
2 GND   XI 3
25 MHz
C8 18pF
C7 18pF

MH3 MH2
STICK
MH1

MH6 MH5
STICK2
MH4