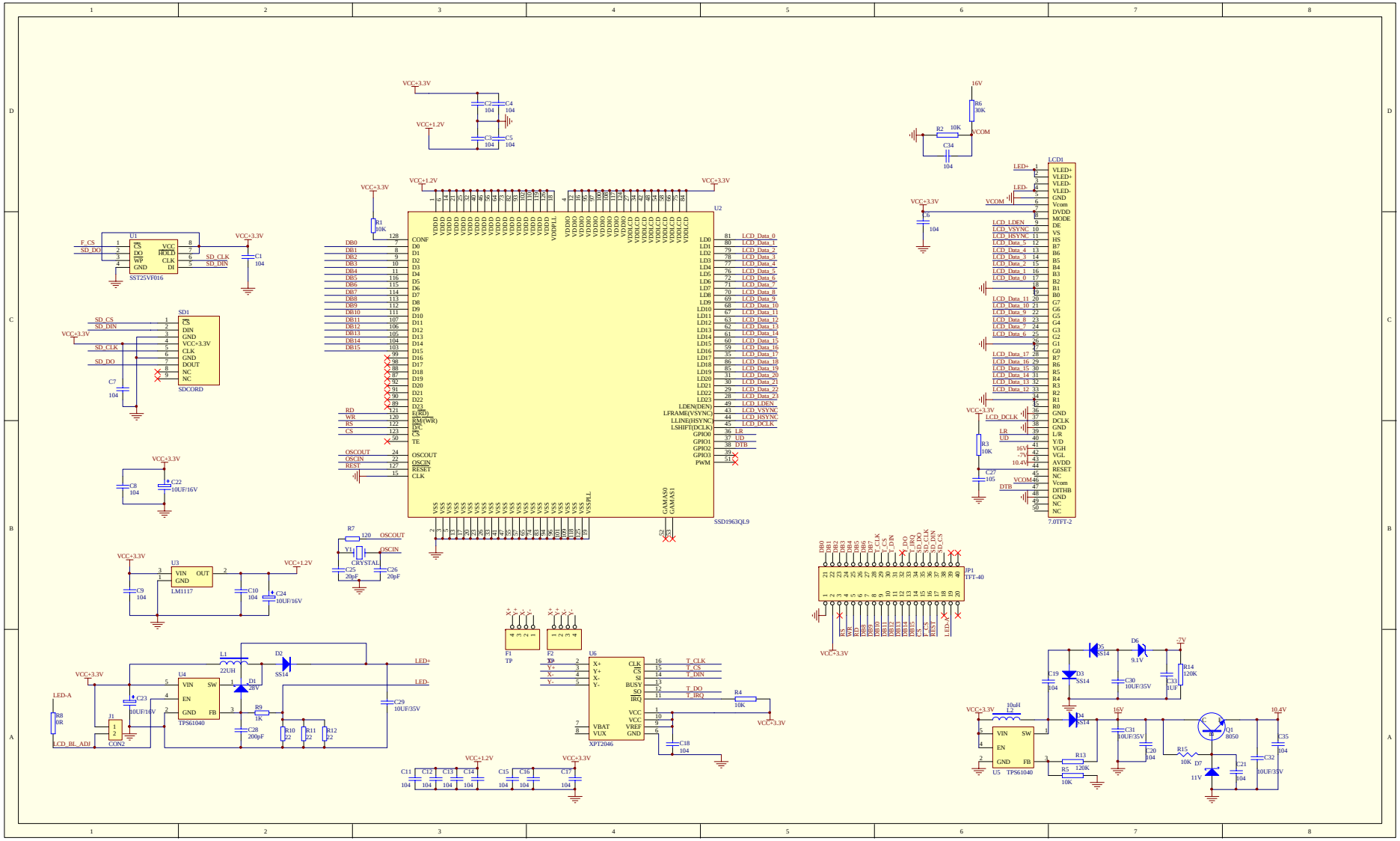
U1
SST25VF016
F_CS
SD_DO
SD_CLK
SD_DIN
VCC+3.3V
C1
104
SD1
SDCORD
SD_CS
SD_DIN
SD_CLK
SD_DO
C7
104
C8
104
C22
10UF/16V
U3
LM1117
VIN
OUT
GND
C9
104
C10
104
C24
10UF/16V
VCC+1.2V
U4
TPS61040
VIN
SW
EN
GND
FB
L1
22UH
D1
28V
D2
SS14
LED+
LED-
C23
10UF/16V
R9
1K
C28
200pF
R10
22
R11
22
R12
22
C29
10UF/35V
LED-A
R8
0R
J1
CON2
LCD_BL_ADJ
VCC+1.2V
VCC+3.3V
C2
104
C4
104
C3
104
C5
104
R1
10K
U2
SSD1963QL9
CONF
D0
D1
D2
D3
D4
D5
D6
D7
D8
D9
D10
D11
D12
D13
D14
D15
D16
D17
D18
D19
D20
D21
D22
D23
E(RD)
RW(WR)
D/C
CS
TE
OSCOUT
OSCIN
RESET
CLK
LD0
LD1
LD2
LD3
LD4
LD5
LD6
LD7
LD8
LD9
LD10
LD11
LD12
LD13
LD14
LD15
LD16
LD17
LD18
LD19
LD20
LD21
LD22
LD23
LDEN(DEN)
LFRAME(VSYNC)
LLINE(HSYNC)
LSHIFT(DCLK)
GPIO0
GPIO1
GPIO2
GPIO3
PWM
GAMAS0
GAMAS1
LCD_Data_0
LCD_Data_1
LCD_Data_2
LCD_Data_3
LCD_Data_4
LCD_Data_5
LCD_Data_6
LCD_Data_7
LCD_Data_8
LCD_Data_9
LCD_Data_10
LCD_Data_11
LCD_Data_12
LCD_Data_13
LCD_Data_14
LCD_Data_15
LCD_Data_16
LCD_Data_17
LCD_Data_18
LCD_Data_19
LCD_Data_20
LCD_Data_21
LCD_Data_22
LCD_Data_23
LCD_LDEN
LCD_VSYNC
LCD_HSYNC
LCD_DCLK
LR
UD
DTB
RD
WR
RS
CS
R7
120
Y1
CRYSTAL
C25
20pF
C26
20pF
F1
TP
F2
XP
U6
XPT2046
X+
Y+
X-
Y-
CLK
CS
SI
BUSY
SO
IRQ
VCC
VREF
GND
VBAT
VUX
T_CLK
T_CS
T_DIN
T_DO
T_IRQ
R4
10K
C18
104
C11
104
C12
104
C13
104
C14
104
C15
104
C16
104
C17
104
16V
R6
30K
R2
10K
VCOM
C34
104
LCD1
7.0TFT-2
VLED+
VLED-
GND
Vcom
DVDD
MODE
DE
VS
HS
B7
B6
B5
B4
B3
B2
B1
B0
G7
G6
G5
G4
G3
G2
G1
G0
R7
R6
R5
R4
R3
R2
R1
R0
DCLK
L/R
Y/D
VGH
VGL
AVDD
RESET
DITHB
C16
104
R3
10K
C27
105
-7V
10.4V
IP1
TFT-40
D5
SS14
D6
9.1V
-2V
R14
120K
C19
104
D3
SS14
C30
10UF/35V
C33
1UF
U5
TPS61040
L2
10uH
D4
SS14
C31
10UF/35V
C20
104
R13
120K
R5
10K
R15
10K
D7
11V
Q1
8050
C21
104
C32
10UF/35V
C35
104
10.4V