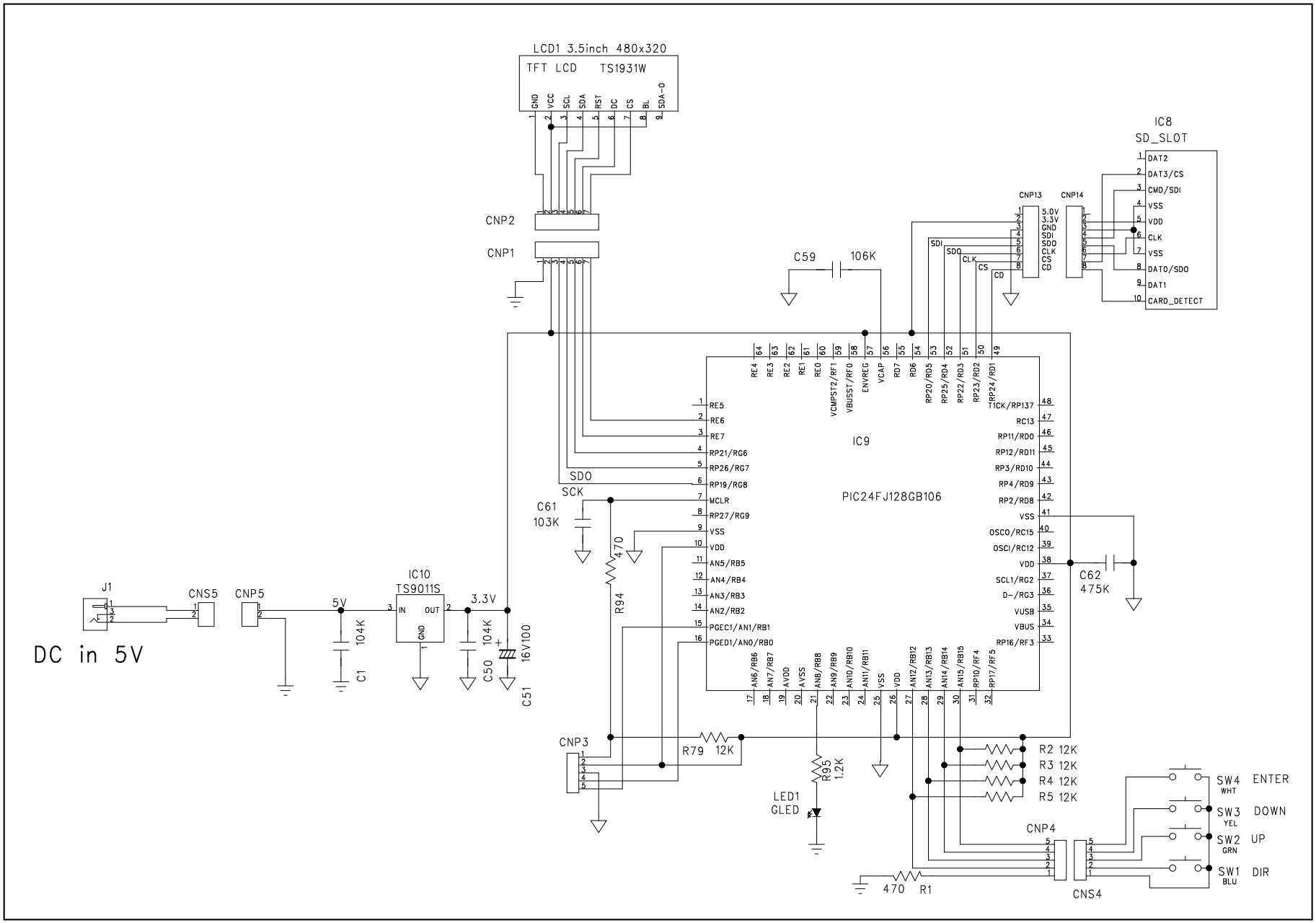
LCD1 3.5inch 480x320
TFT LCD TS1931W
GND VCC SCL SDA RST DC CS BL SDA-O
CNP2
CNP1
IC8
SD_SLOT
DAT2
DAT3/CS
CMD/SDI
VSS
VDD
CLK
VSS
DAT0/SDO
DAT1
CARD_DETECT
CNP13
CNP14
5.0V
3.3V
GND
SDI
SDO
CLK
CS
CD
C59
106K
IC9
PIC24FJ128GB106
RE5
RE6
RE7
RP21/RG6
RP26/RG7
RP19/RG8
MCLR
RP27/RG9
VSS
VDD
AN5/RB5
AN4/RB4
AN3/RB3
AN2/RB2
PGEC1/AN1/RB1
PGED1/AN0/RB0
T1CK/RP137
RC13
RP11/RD0
RP12/RD11
RP3/RD10
RP4/RD9
RP2/RD8
OSCO/RC15
OSCI/RC12
SCL1/RG2
D-/RG3
VUSB
VBUS
RP16/RF3
SDO
SCK
C61
103K
470
R94
C62
475K
J1
DC in 5V
CNS5
CNP5
5V
IC10
TS9011S
IN
OUT
GND
3.3V
104K
C1
104K
C50
16V100
C51
CNP3
R79 12K
R95
1.2K
LED1
GLED
R2 12K
R3 12K
R4 12K
R5 12K
CNP4
470 R1
CNS4
SW4 ENTER
WHT
SW3 DOWN
YEL
SW2 UP
GRN
SW1 DIR
BLU