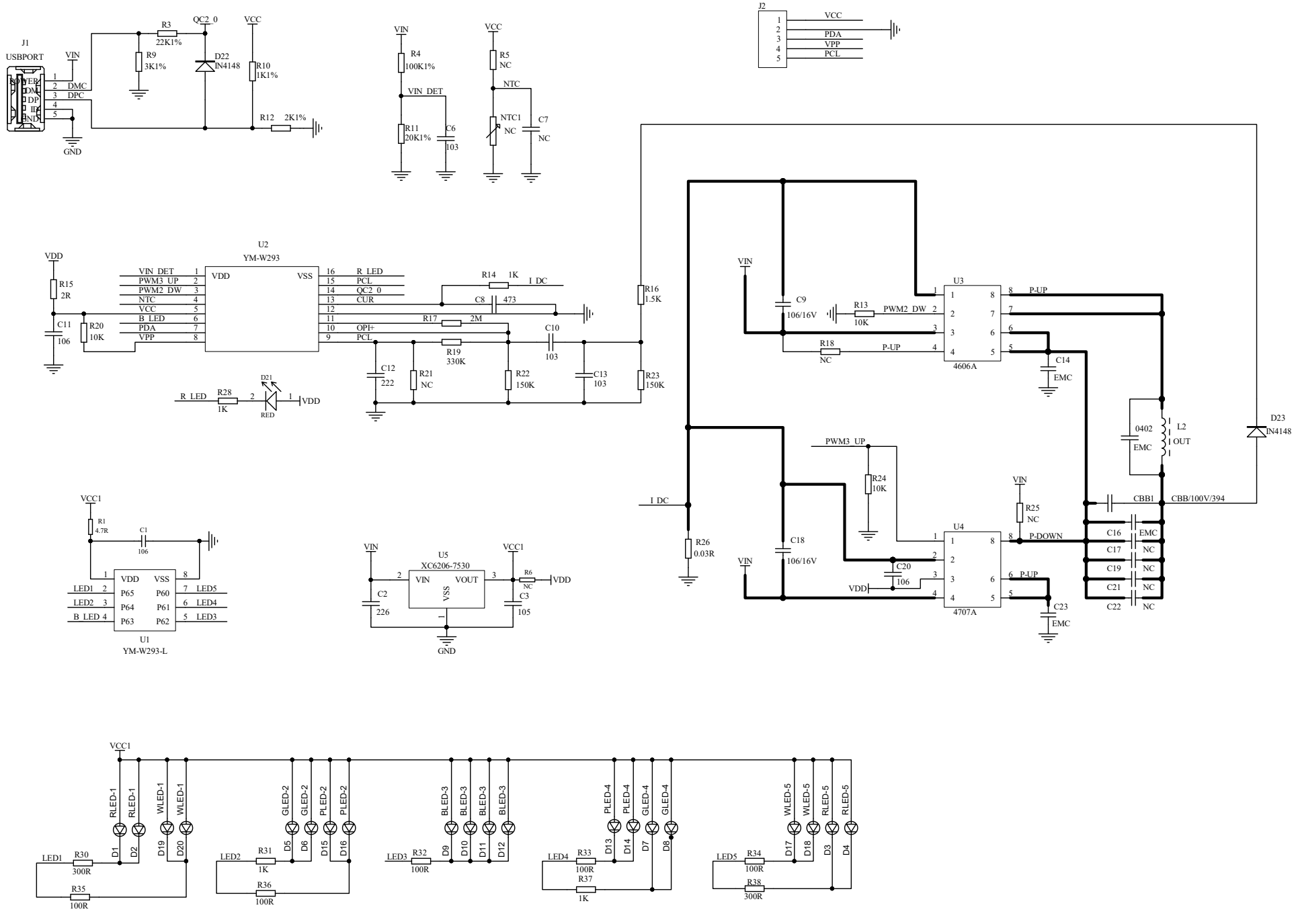
J1
USBPORT
VIN
DMC
DPC
GND
R3
22K1%
QC2_0
R9
3K1%
D22
IN4148
VCC
R10
1K1%
R12
2K1%
R4
100K1%
VIN_DET
R11
20K1%
C6
103
R5
NC
NTC
NTC1
NC
C7
NC
J2
VCC
PDA
VPP
PCL
U2
YM-W293
VDD
VIN_DET
PWM3_UP
PWM2_DW
NTC
VCC
B_LED
PDA
VPP
VSS
R_LED
PCL
QC2_0
CUR
OPI+
R14
1K
I_DC
C8
473
R17
2M
R19
330K
C10
103
C12
222
R21
NC
R22
150K
C13
103
R16
1.5K
R23
150K
R15
2R
C11
106
R20
10K
R28
1K
D21
RED
U3
4606A
C9
106/16V
R13
10K
PWM2_DW
R18
NC
P-UP
C14
EMC
0402
EMC
L2
OUT
D23
IN4148
CBB1
CBB/100V/394
PWM3_UP
R24
10K
I_DC
R26
0.03R
C18
106/16V
U4
4707A
R25
NC
P-DOWN
C20
106
C16
EMC
C17
NC
C19
NC
C21
NC
C22
NC
C23
EMC
R1
4.7R
C1
106
U1
YM-W293-L
LED1
LED2
LED3
LED4
LED5
P65
P64
P63
P60
P61
P62
U5
XC6206-7530
VOUT
R6
NC
C2
226
C3
105
R30
300R
R31
1K
R32
100R
R33
100R
R37
1K
R34
100R
R35
100R
R36
100R
R38
300R
RLED-1
WLED-1
GLED-2
PLED-2
BLED-3
PLED-4
GLED-4
WLED-5
RLED-5
D1
D2
D19
D20
D5
D6
D15
D16
D9
D10
D11
D12
D13
D14
D7
D8
D17
D18
D3
D4