18.5V~30.5V

POWER JACK P101

F101 3A/F1206

L101 Common Choke/NC

L102 Common Choke

U101 RT8279

U102 RT8279

Vout=1.222(1+R1/R2)

Vout=1.222(1+R1/R2)

U104 AZ1117CH-ADJ TO252

Vout=1.25(1+R2/R1)~=5V

U105 AP2114H-1.2TRG1

SM4305PSKC-TRG

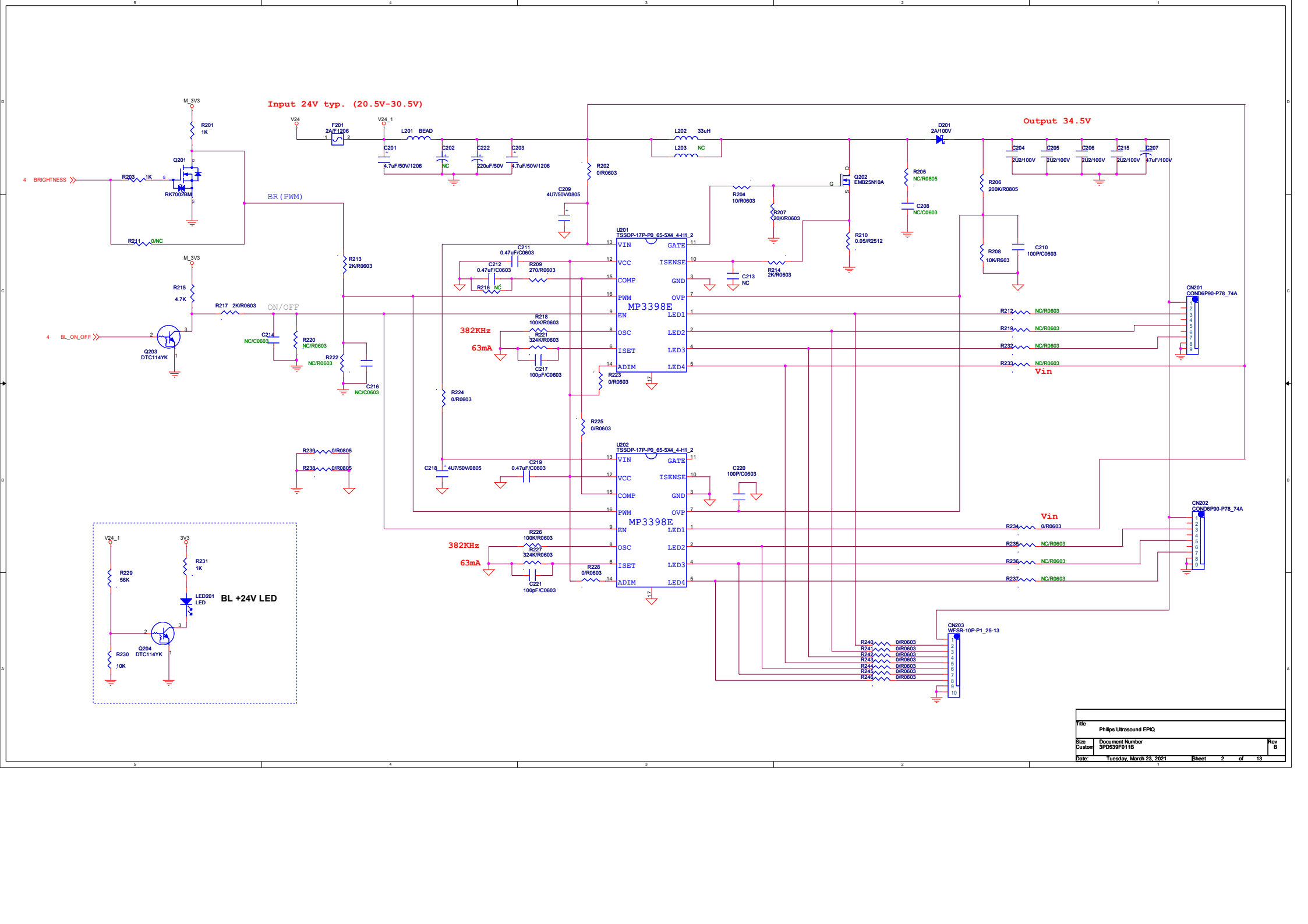
SYSTEM +3.3V LED

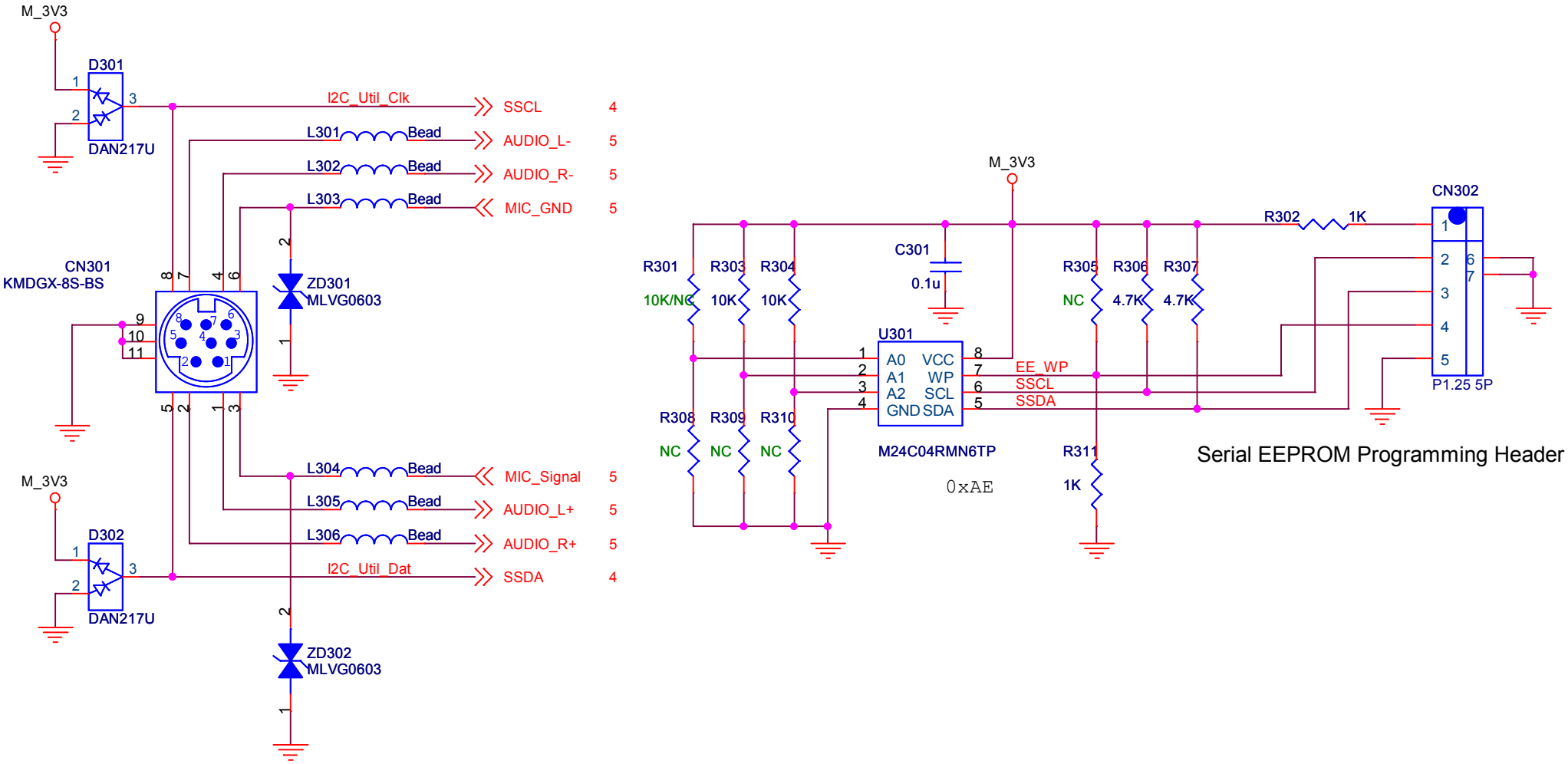
BADGE +5V LED

M1 MASK-27C118SM M2 MASK-27C118SM M3 MASK-27C118SM M4 MASK-27C118SM M5 MASK-27C118SM M6 MASK-27C118SM

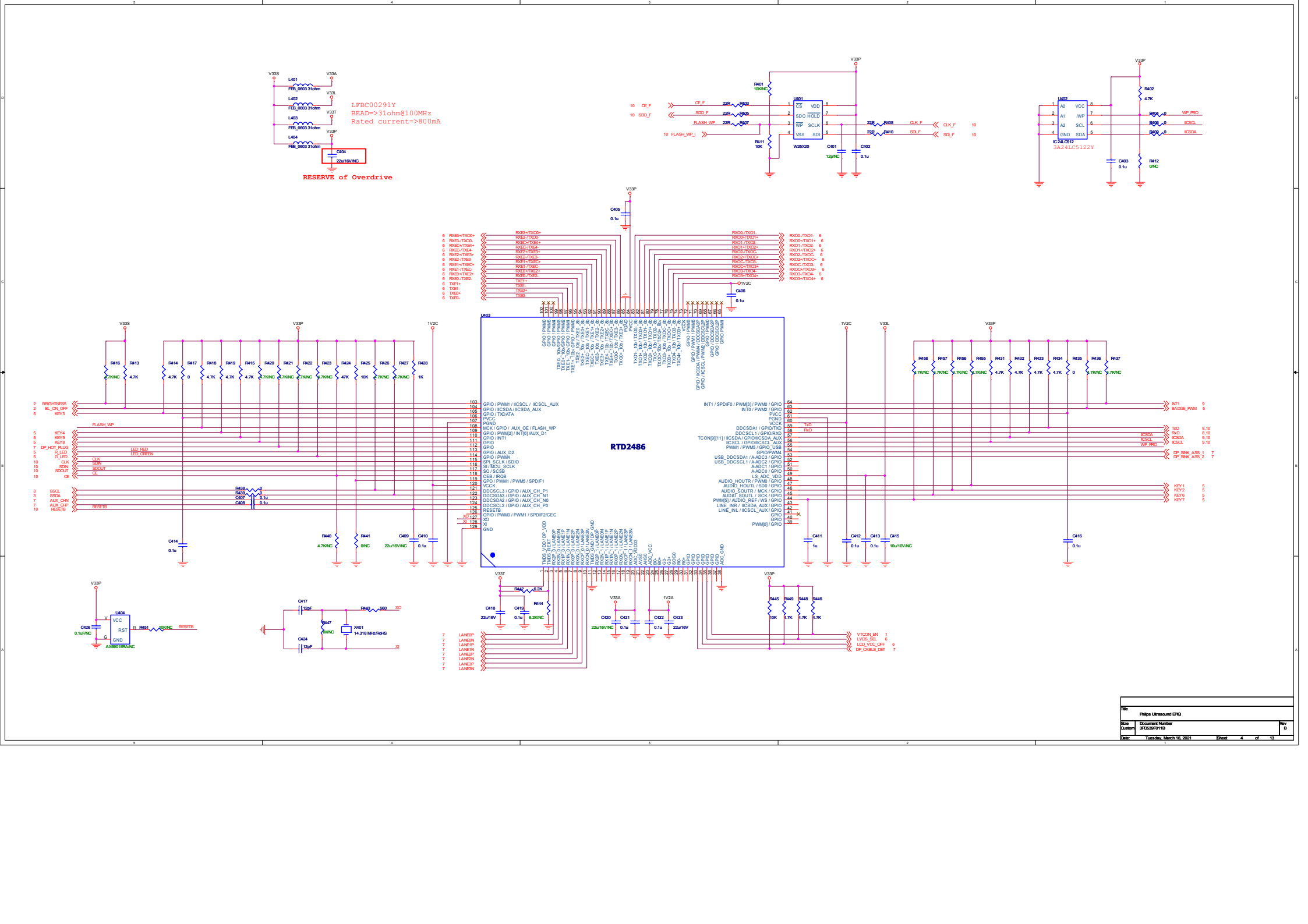
板內光學點

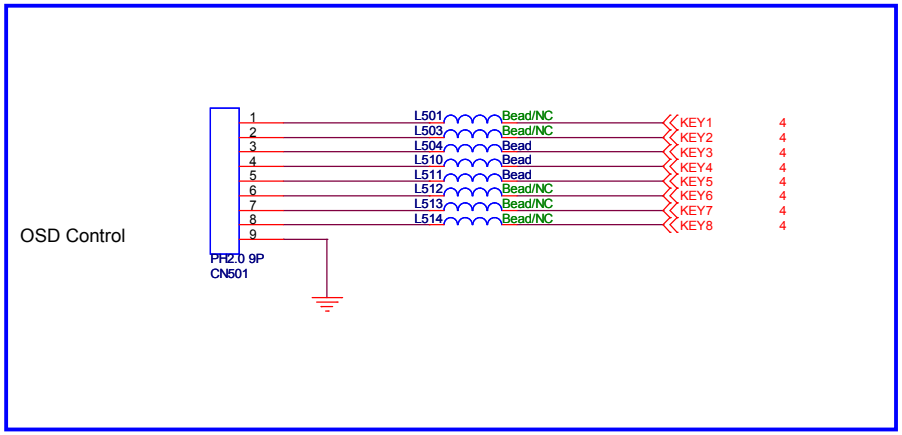
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Date: Tuesday, March 16, 2021	Sheet 1 of 13	

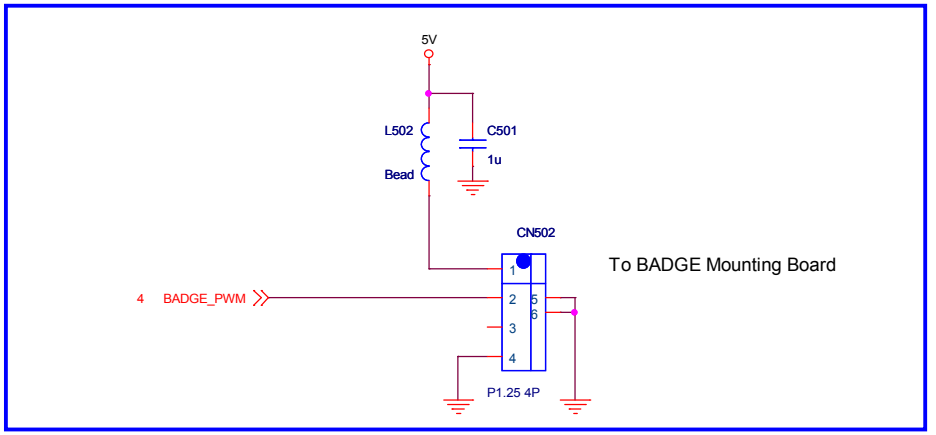

Input 24V typ. (20.5V-30.5V)
Output 34.5V
BR (PWM)
ON/OFF
BRIGHTNESS
BL_ON_OFF
MP3398E
382KHz
63mA
Vin
BL +24V LED
Philips Ultrasound EPIQ
Tuesday, March 23, 2021
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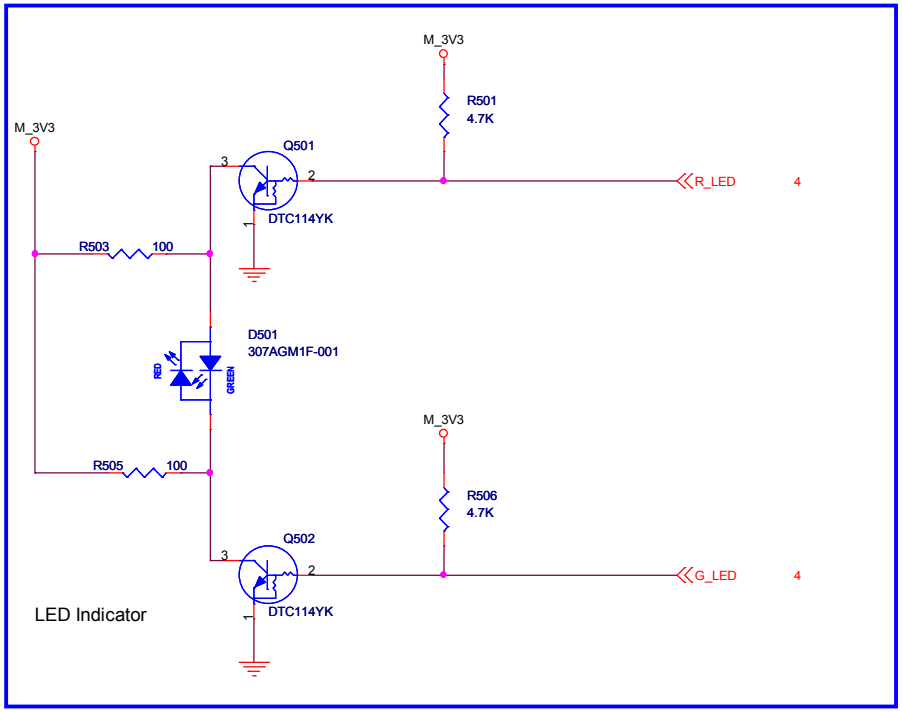


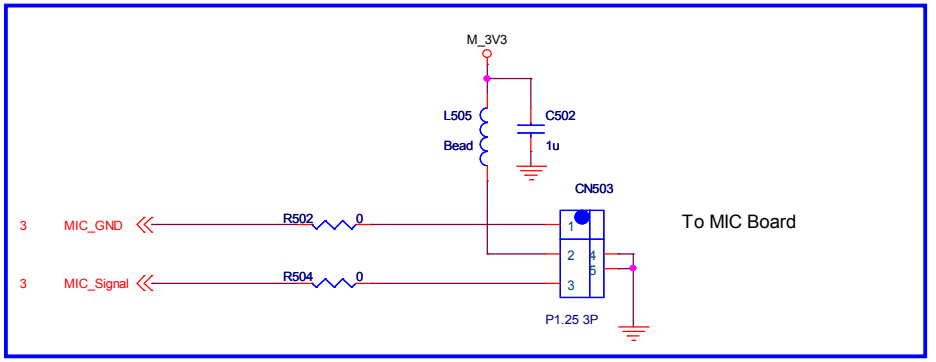
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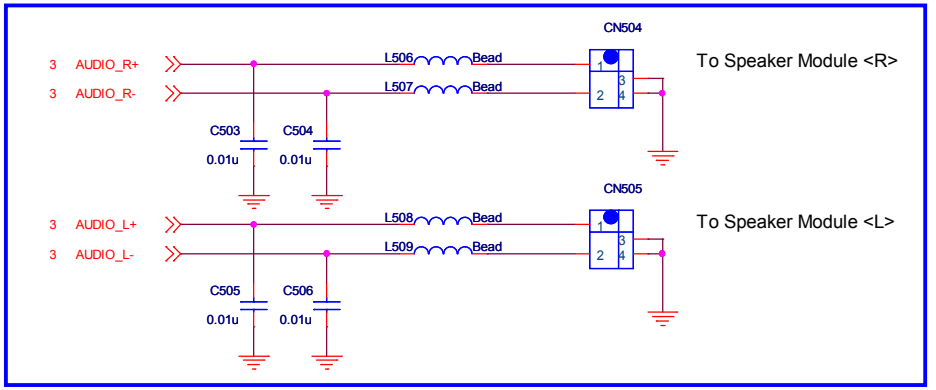

LFBC00291Y
BEAD=>31ohm@100MHz
Rated current=>800mA
RESERVE of Overdrive
RTD2486
IC24LC512
3A24LC5122Y
W25X20
AX6901ERA/NC
14.318 MHz/RoHS



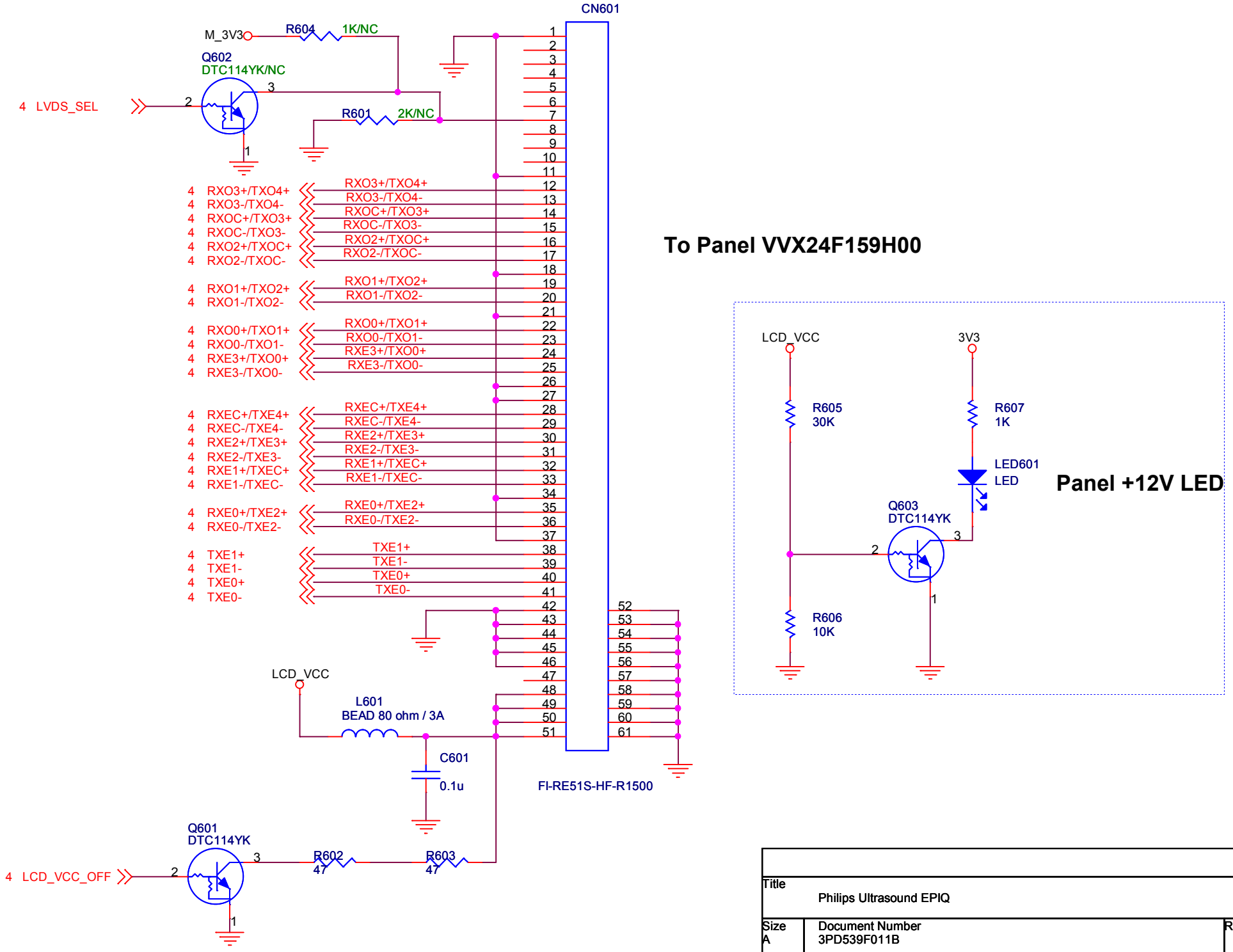




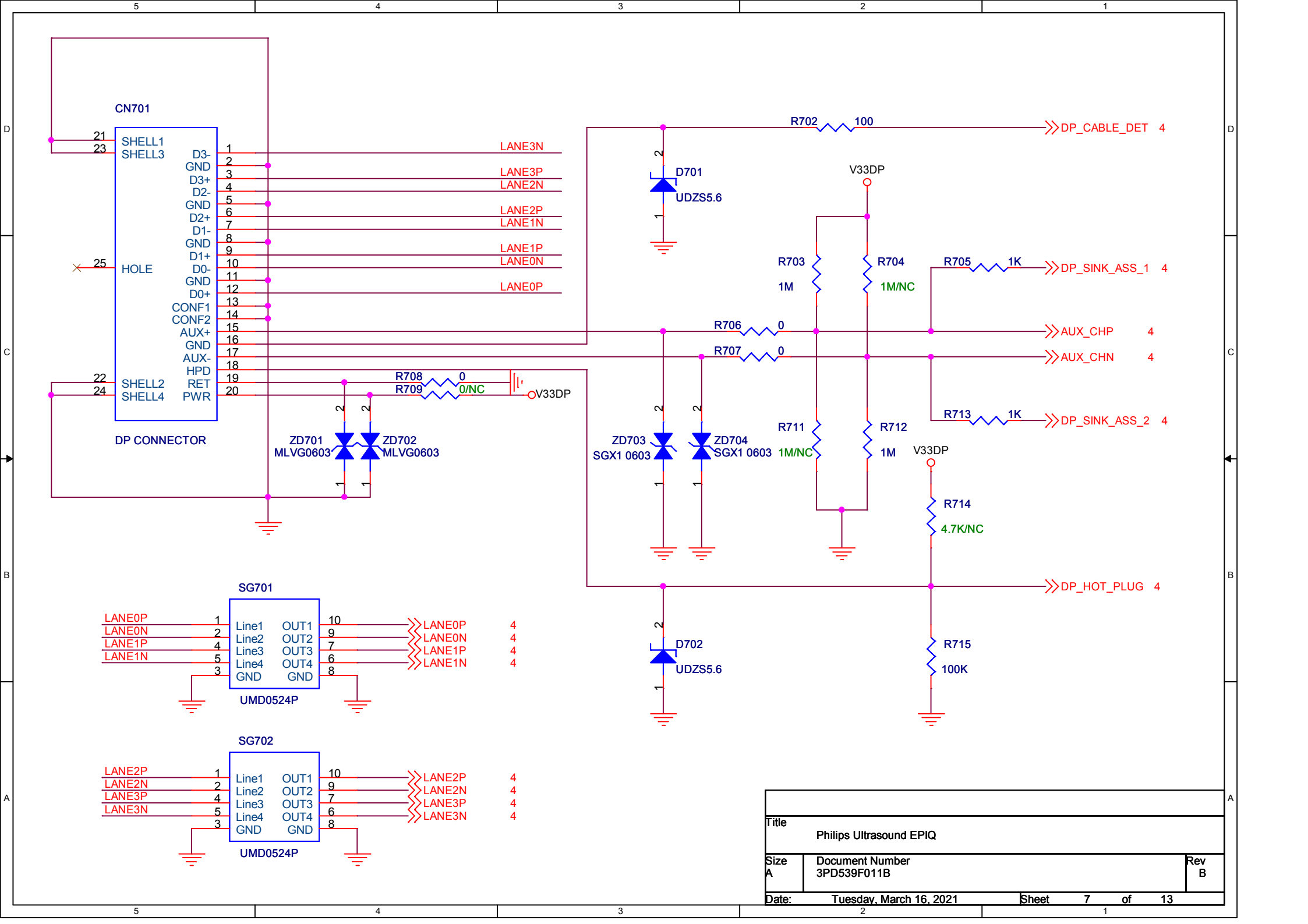


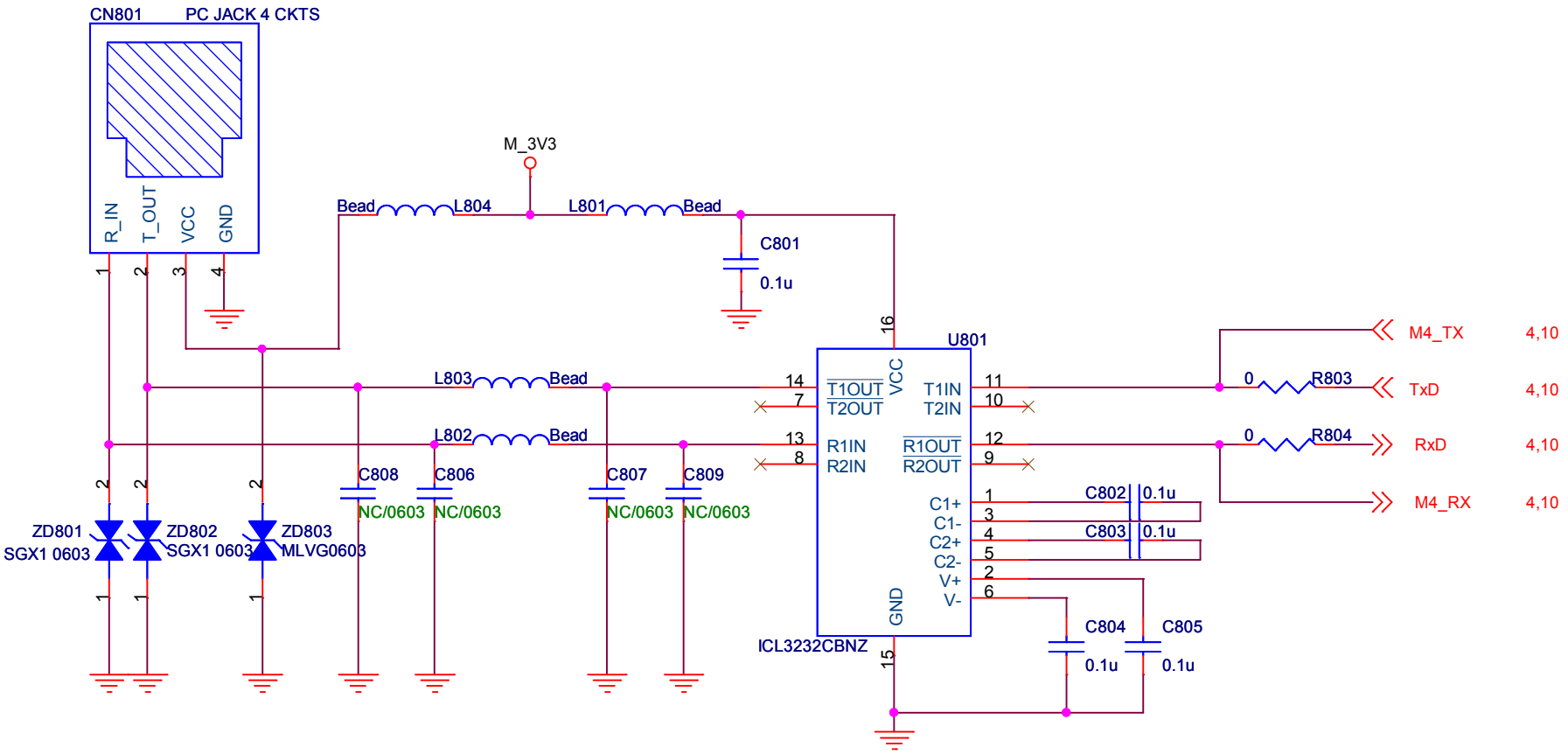


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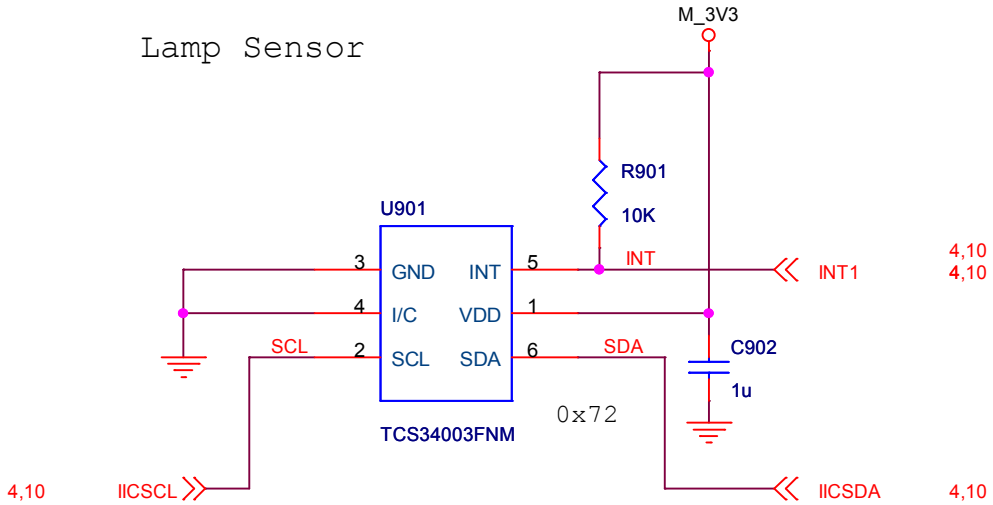

CN701
21
23
SHELL1
SHELL3
25
HOLE
22
24
SHELL2
SHELL4
DP CONNECTOR
D3-
GND
D3+
D2-
GND
D2+
D1-
GND
D1+
D0-
GND
D0+
CONF1
CONF2
AUX+
GND
AUX-
HPD
RET
PWR
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
LANE3N
LANE3P
LANE2N
LANE2P
LANE1N
LANE1P
LANE0N
LANE0P
R708
0
R709
0/NC
V33DP
ZD701
MLVG0603
ZD702
MLVG0603
R702
100
DP_CABLE_DET
4
D701
UDZS5.6
V33DP
R703
1M
R704
1M/NC
R705
1K
DP_SINK_ASS_1
4
R706
0
AUX_CHP
4
R707
0
AUX_CHN
4
ZD703
SGX1 0603
ZD704
SGX1 0603
R711
1M/NC
R712
1M
R713
1K
DP_SINK_ASS_2
4
V33DP
R714
4.7K/NC
DP_HOT_PLUG
4
D702
UDZS5.6
R715
100K
SG701
LANE0P
LANE0N
LANE1P
LANE1N
Line1
Line2
Line3
Line4
GND
OUT1
OUT2
OUT3
OUT4
GND
UMD0524P
SG702
LANE2P
LANE2N
LANE3P
LANE3N
UMD0524P
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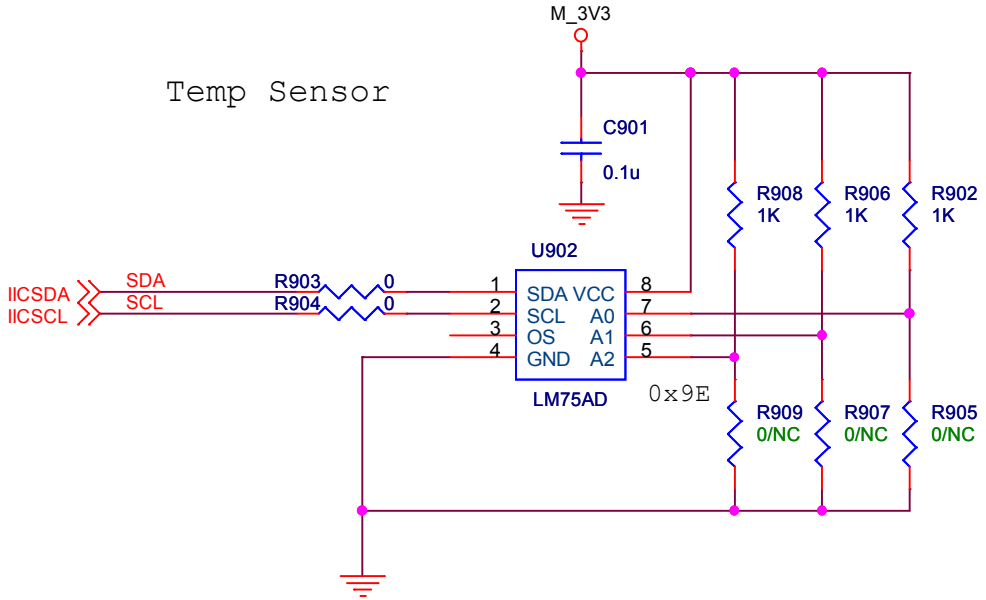
For Debug Port

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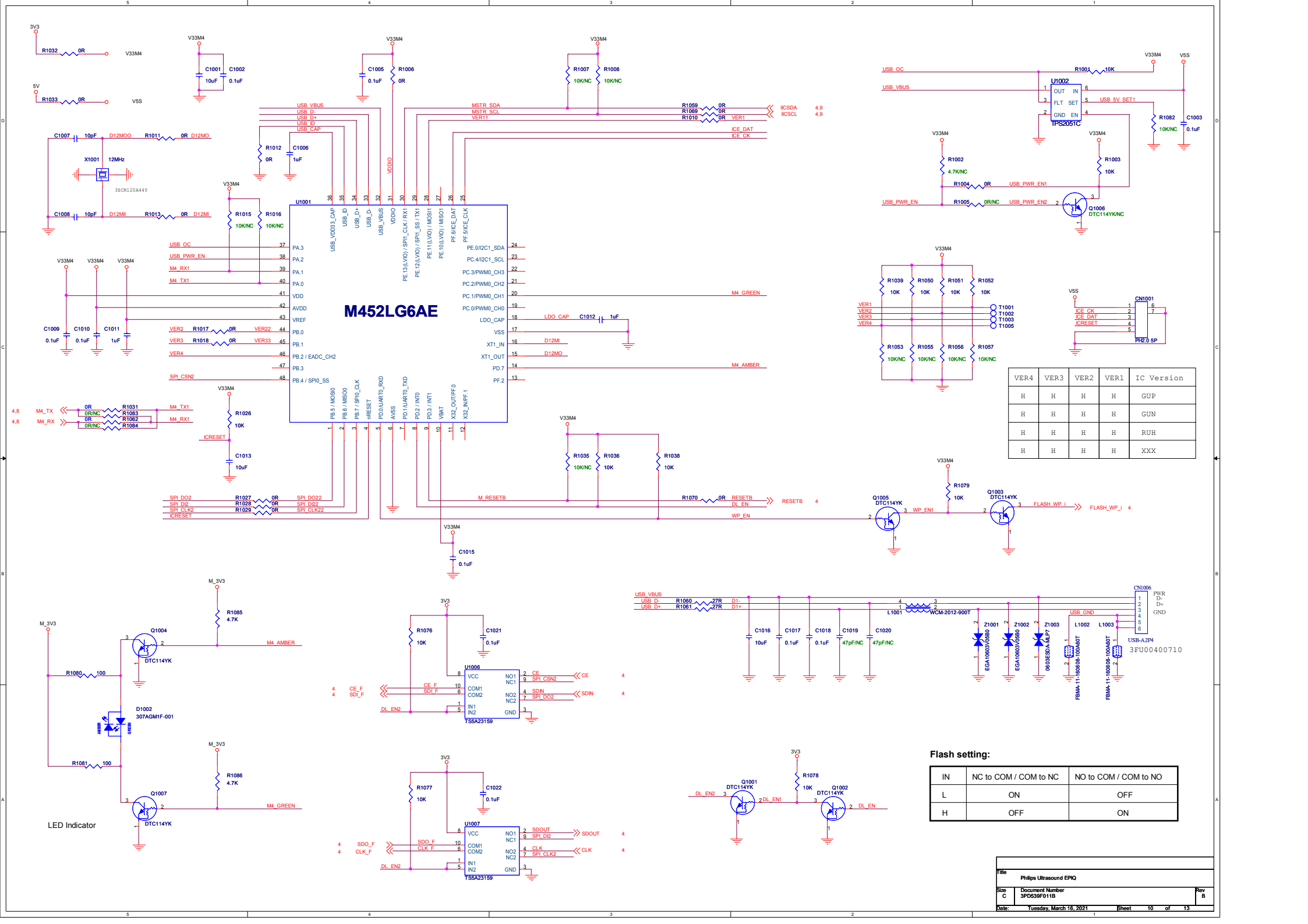
Lamp Sensor



Temp Sensor



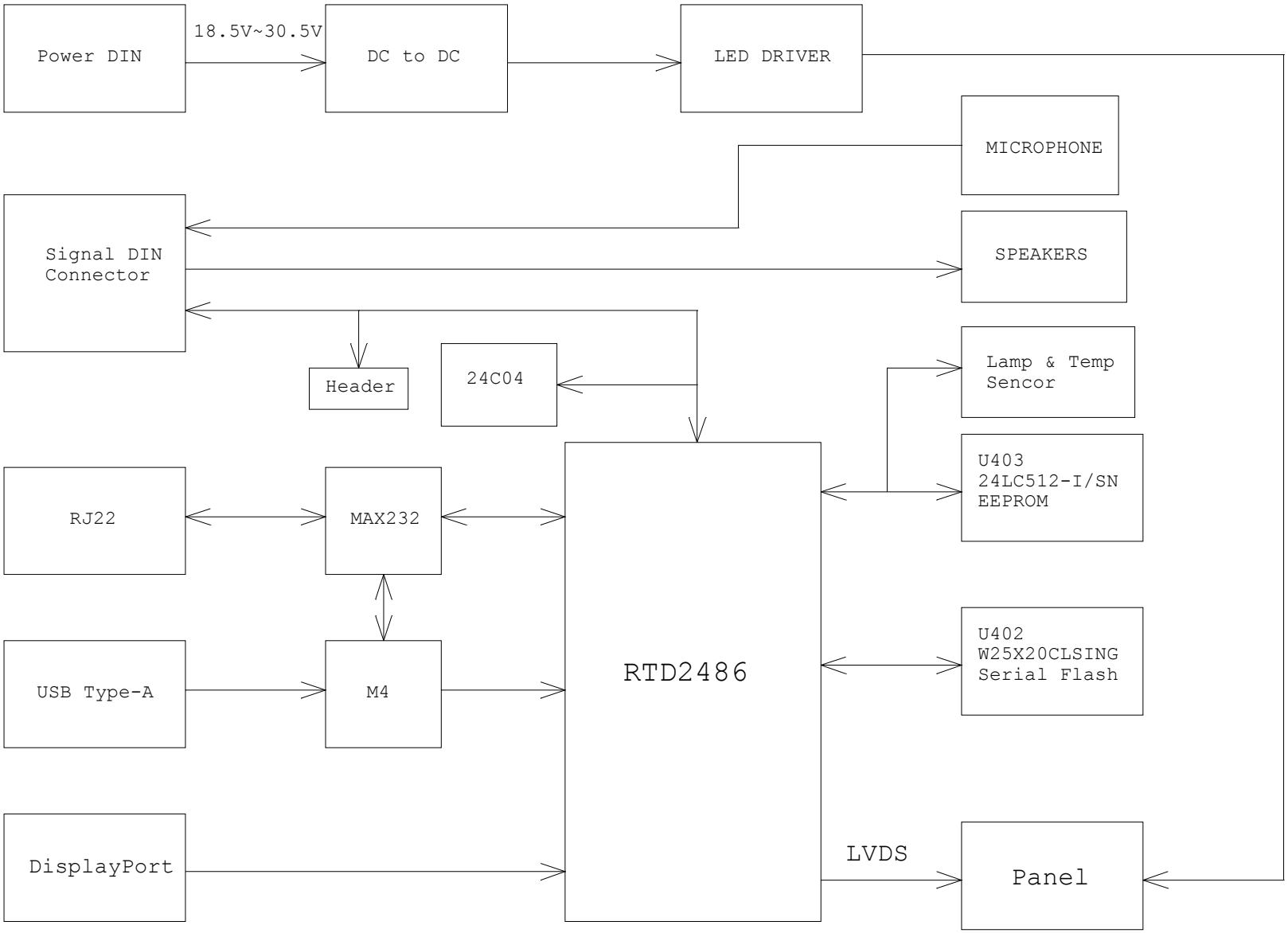
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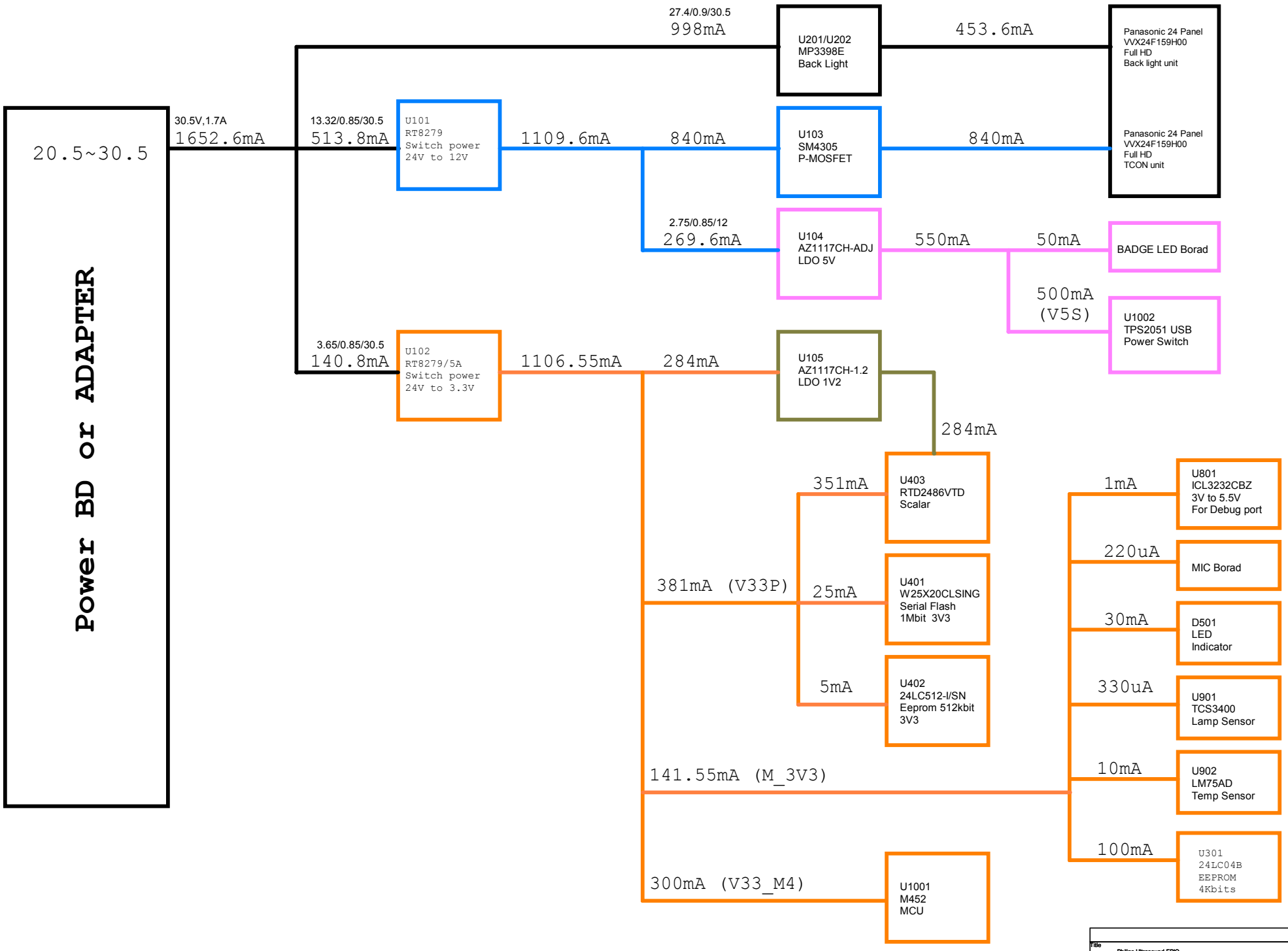
VER4	VER3	VER2	VER1	IC Version
H	H	H	H	GUP
H	H	H	H	GUN
H	H	H	H	RUH
H	H	H	H	XXX

IN	NC to COM / COM to NC	NO to COM / COM to NO
L	ON	OFF
H	OFF	ON

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Date	Description
20191211	Add C222 220U/50V DIP電容 Change CN1001 為SMD 90度 Add R906、R907、R908、R909 PCB 3PD539F0110 進階 3PD539F011A
20210311	Add CN203 for AUO Panel Add R240 - R246 R221、R227、R206 電阻值修改 PCB 3PD539F011A 進階 3PD539F011B

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