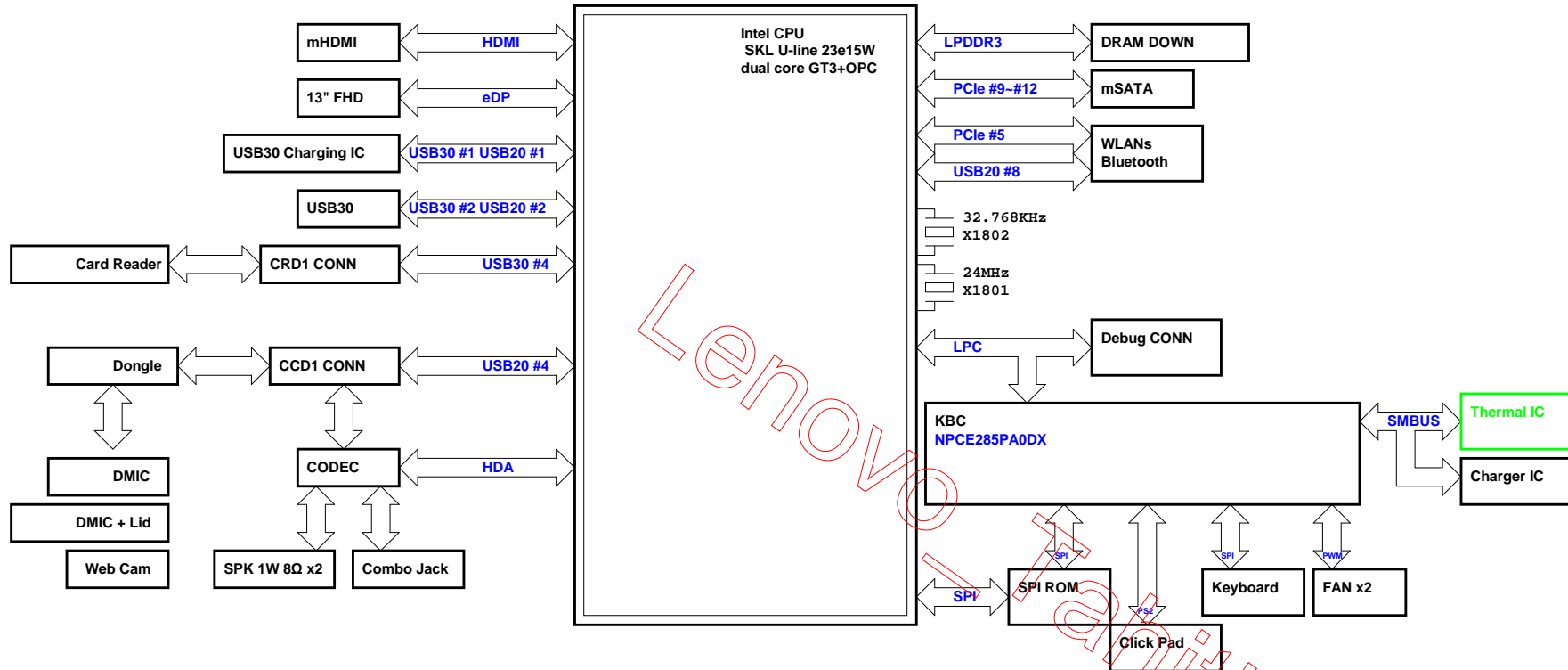
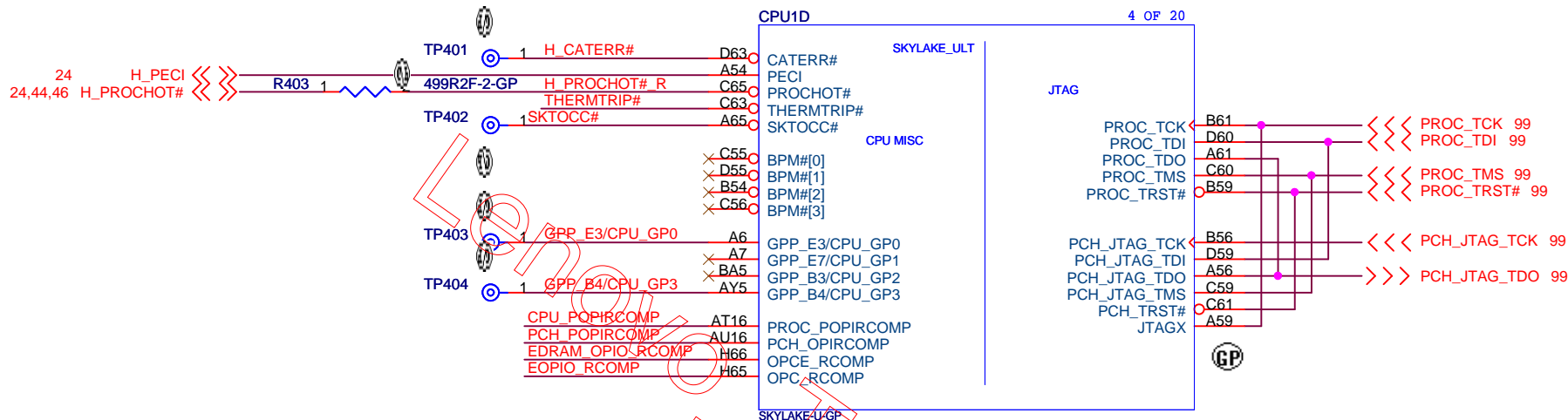
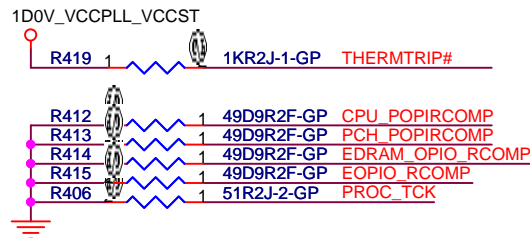
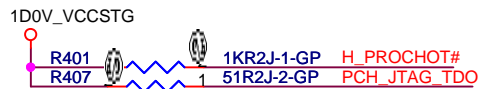


Block Diagram



Charger IC	
Input	Output
19V_AD+	19V_DCBATOUT
12V_BT+	
System DC/DC IC	
Input	Output
19V_DCBATOUT	3D3V_AUX_S5
	3D3V_S5
	5V_AUX_S5
	5V_S5
CPU PWR IC	
Input	Output
19V_DCBATOUT	1V_CPU_CORE
	1V_VCCGT
	1V_VCCSA
LPDDR3 PWR IC	
Input	Output
19V_DCBATOUT	1D2V_S3
	0D6V_S0
CPU PWR IC	
Input	Output
19V_DCBATOUT	1D0V_S5
CPU PWR IC	
Input	Output
3D3V_S5	1D8V_S5
Load Switch	
Input	Output
5V_S5	5V_S5
3D3V_S5	3D3V_S5
Load Switch	
Input	Output
1D0V_S5	1D0V_VCCPLL_VCCST
Load Switch	
Input	Output
1D0V_S5	1D0V_VCCIO
Load Switch	
Input	Output
1D0V_S5	1D0V_VCCOPC
	1D0V_VCCOPIO
Load Switch	
Input	Output
3D3V_S5	1D8V_MEM
Load Switch	
Input	Output
3D3V_S5	1D8V_S0

SKL U-line 23e 15W



SKL U-line 23e 15W

緯創資通

Wistron Corporation
21F, 88, Sec.1, Hsin Tai Wu Rd., Hsichih,
Taipei Hsien 221, Taiwan, R.O.C.

Title

CPU (JTAG/CPU SIDE BAND)

Size
A4

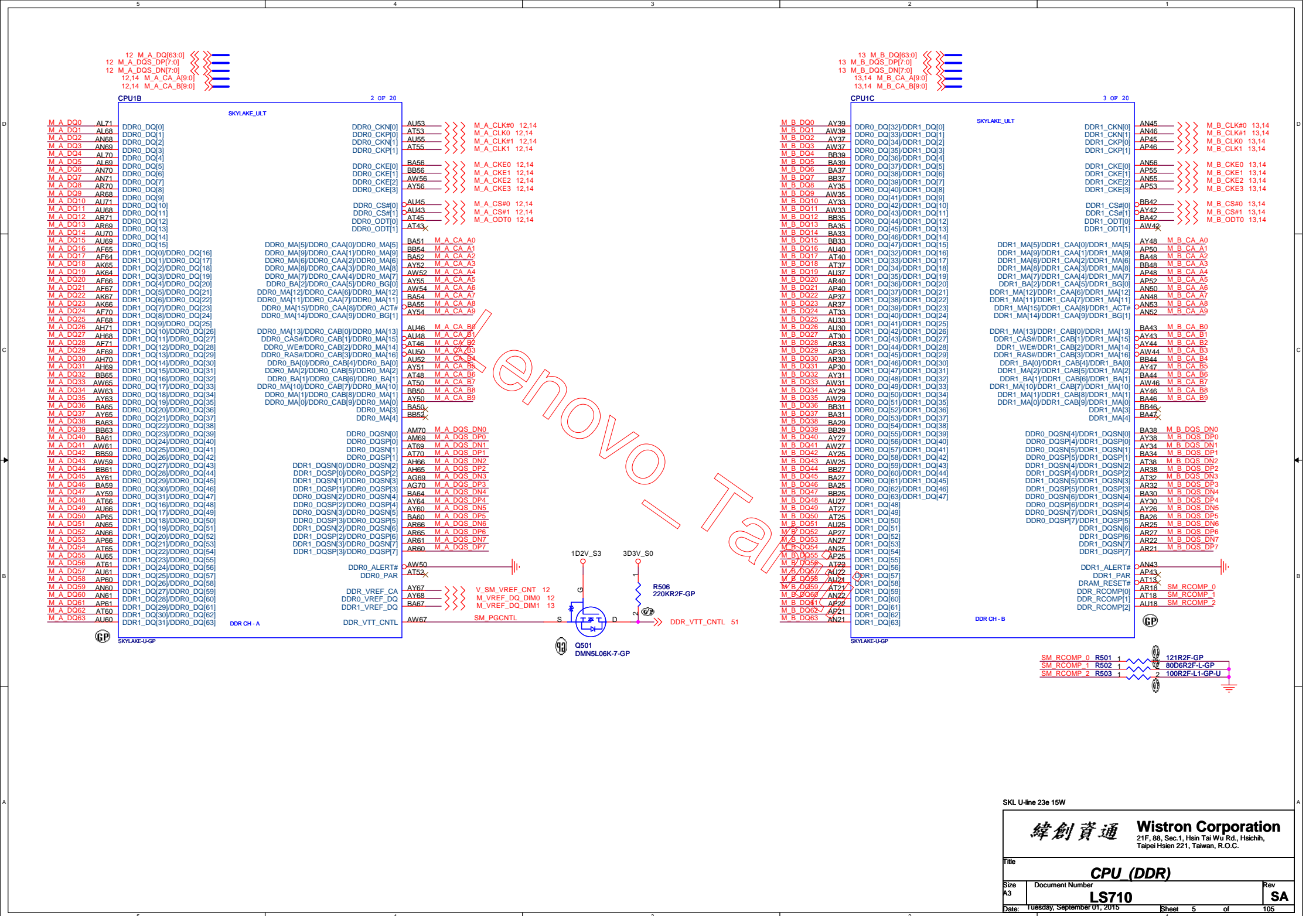
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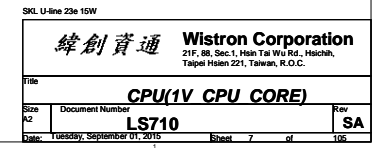
LS710

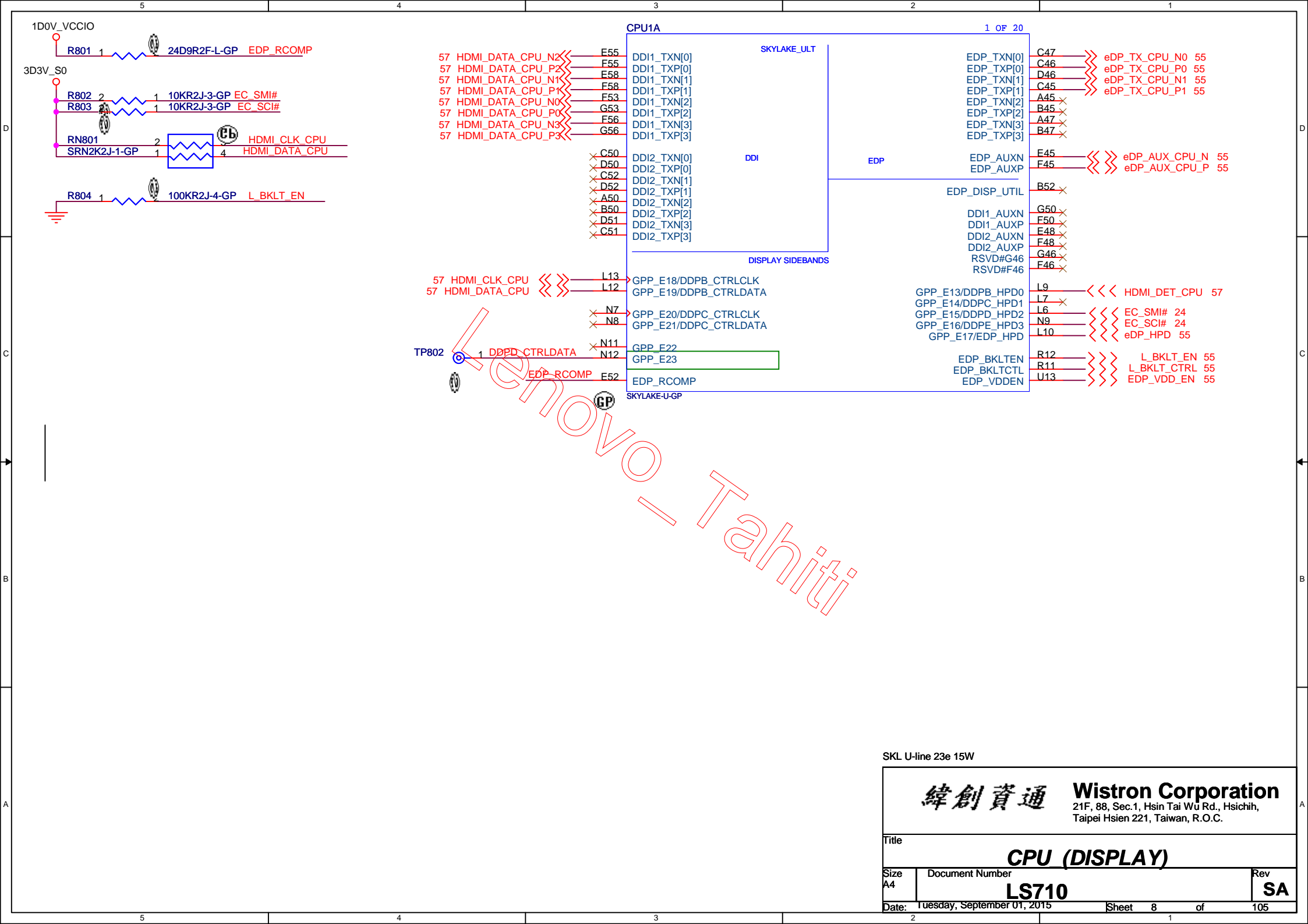
Rev
SA

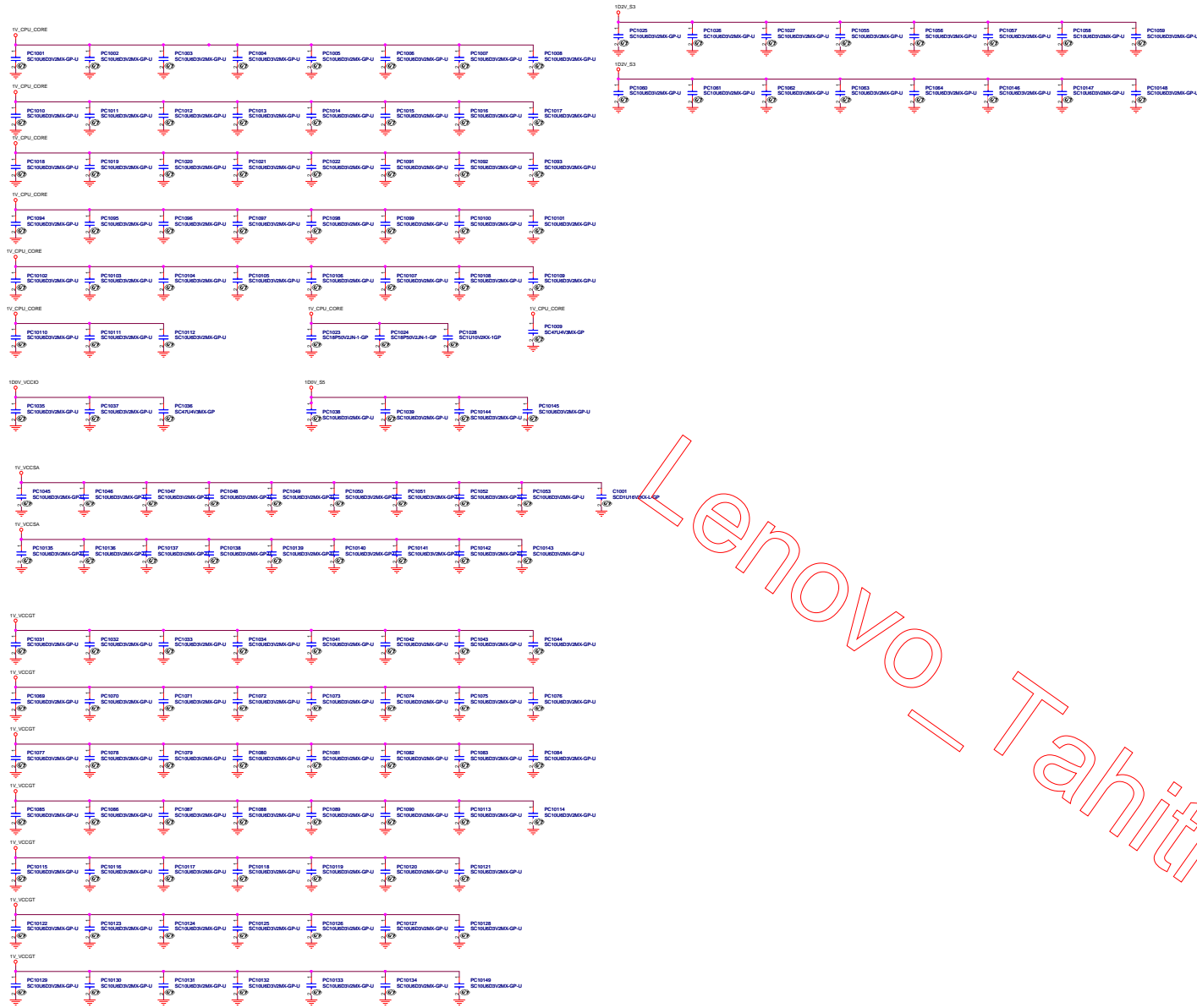
Date: Tuesday, September 01, 2015

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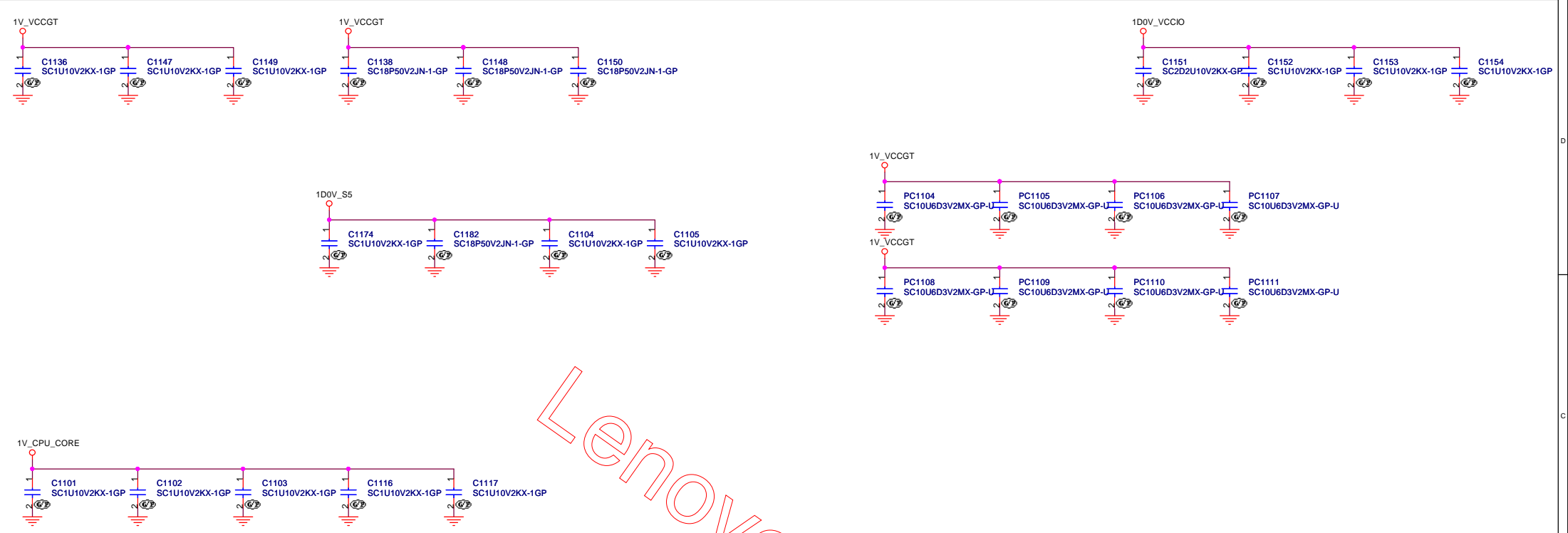


S&L U-New 23a 159

緯創資通 Wistron Corporation
2/F, 88, Sec. 1, Hsin-Tai Rd., Taipei, Taiwan, R.O.C.

LS710 CPU (Power CAP1)
Rev. 1.0
Date: 2011/09/01

SA



5,12 M_A_CA_A[9:0]



M_A_CA_A9	R1401	1	68R1J-GP
M_A_CA_A8	R1402	1	68R1J-GP
M_A_CA_A7	R1403	1	68R1J-GP
M_A_CA_A6	R1404	1	68R1J-GP
M_A_CA_A5	R1405	1	68R1J-GP
M_A_CA_A4	R1406	1	68R1J-GP
M_A_CA_A3	R1407	1	68R1J-GP
M_A_CA_A2	R1408	1	68R1J-GP
M_A_CA_A1	R1409	1	68R1J-GP
M_A_CA_A0	R1410	1	68R1J-GP

5,12 M_A_CA_B[9:0]



M_A_CA_B9	R1411	1	68R1J-GP
M_A_CA_B8	R1412	1	68R1J-GP
M_A_CA_B7	R1413	1	68R1J-GP
M_A_CA_B6	R1414	1	68R1J-GP
M_A_CA_B5	R1415	1	68R1J-GP
M_A_CA_B4	R1416	1	68R1J-GP
M_A_CA_B3	R1417	1	68R1J-GP
M_A_CA_B2	R1418	1	68R1J-GP
M_A_CA_B1	R1419	1	68R1J-GP
M_A_CA_B0	R1420	1	68R1J-GP

5,12 M_A_CKE0	R1442	1	80D6R1F-GP
5,12 M_A_CKE1	R1444	1	80D6R1F-GP
5,12 M_A_CKE2	R1446	1	80D6R1F-GP
5,12 M_A_CKE3	R1448	1	80D6R1F-GP
5,12 M_A_ODT0	R1450	1	80D6R1F-GP
5,12 M_A_CS#1	R1452	1	80D6R1F-GP
5,12 M_A_CS#0	R1454	1	80D6R1F-GP

5,12 M_A_CLK0	R1456	1	37D4R2F-GP
5,12 M_A_CLK#0	R1458	1	37D4R2F-GP
5,12 M_A_CLK1	R1460	1	37D4R2F-GP
5,12 M_A_CLK#1	R1462	1	37D4R2F-GP

5,13 M_B_CA_A[9:0]



M_B_CA_A9	R1421	1	68R1J-GP
M_B_CA_A8	R1422	1	68R1J-GP
M_B_CA_A7	R1423	1	68R1J-GP
M_B_CA_A6	R1424	1	68R1J-GP
M_B_CA_A5	R1425	1	68R1J-GP
M_B_CA_A4	R1426	1	68R1J-GP
M_B_CA_A3	R1427	1	68R1J-GP
M_B_CA_A2	R1428	1	68R1J-GP
M_B_CA_A1	R1429	1	68R1J-GP
M_B_CA_A0	R1430	1	68R1J-GP

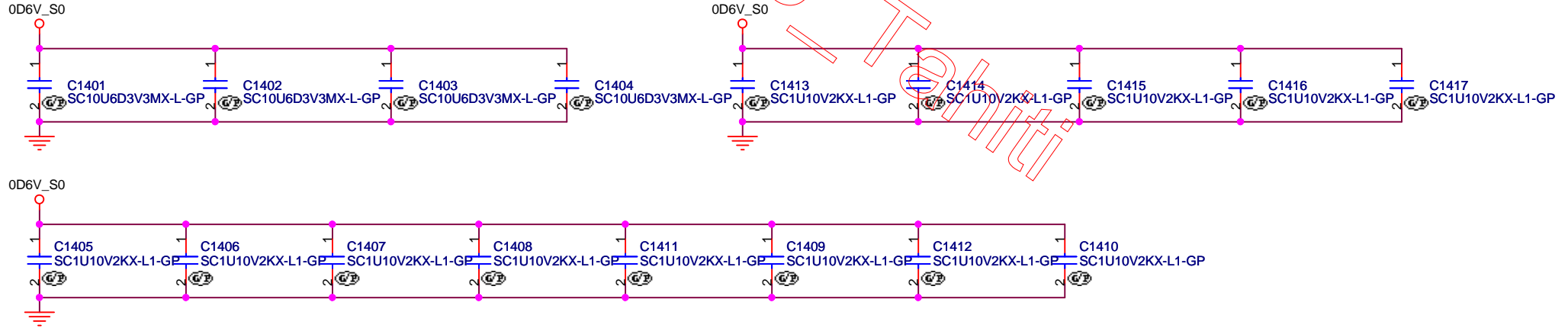
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M_B_CA_B9	R1431	1	68R1J-GP
M_B_CA_B8	R1432	1	68R1J-GP
M_B_CA_B7	R1433	1	68R1J-GP
M_B_CA_B6	R1434	1	68R1J-GP
M_B_CA_B5	R1435	1	68R1J-GP
M_B_CA_B4	R1436	1	68R1J-GP
M_B_CA_B3	R1437	1	68R1J-GP
M_B_CA_B2	R1438	1	68R1J-GP
M_B_CA_B1	R1439	1	68R1J-GP
M_B_CA_B0	R1440	1	68R1J-GP

5,13 M_B_CKE0	R1441	1	80D6R1F-GP
5,13 M_B_CKE1	R1443	1	80D6R1F-GP
5,13 M_B_CKE2	R1445	1	80D6R1F-GP
5,13 M_B_CKE3	R1447	1	80D6R1F-GP
5,13 M_B_ODT0	R1449	1	80D6R1F-GP
5,13 M_B_CS#1	R1451	1	80D6R1F-GP
5,13 M_B_CS#0	R1453	1	80D6R1F-GP

5,13 M_B_CLK0	R1455	1	37D4R2F-GP
5,13 M_B_CLK#0	R1457	1	37D4R2F-GP
5,13 M_B_CLK1	R1459	1	37D4R2F-GP
5,13 M_B_CLK#1	R1461	1	37D4R2F-GP



SKL U-line 23e 15W

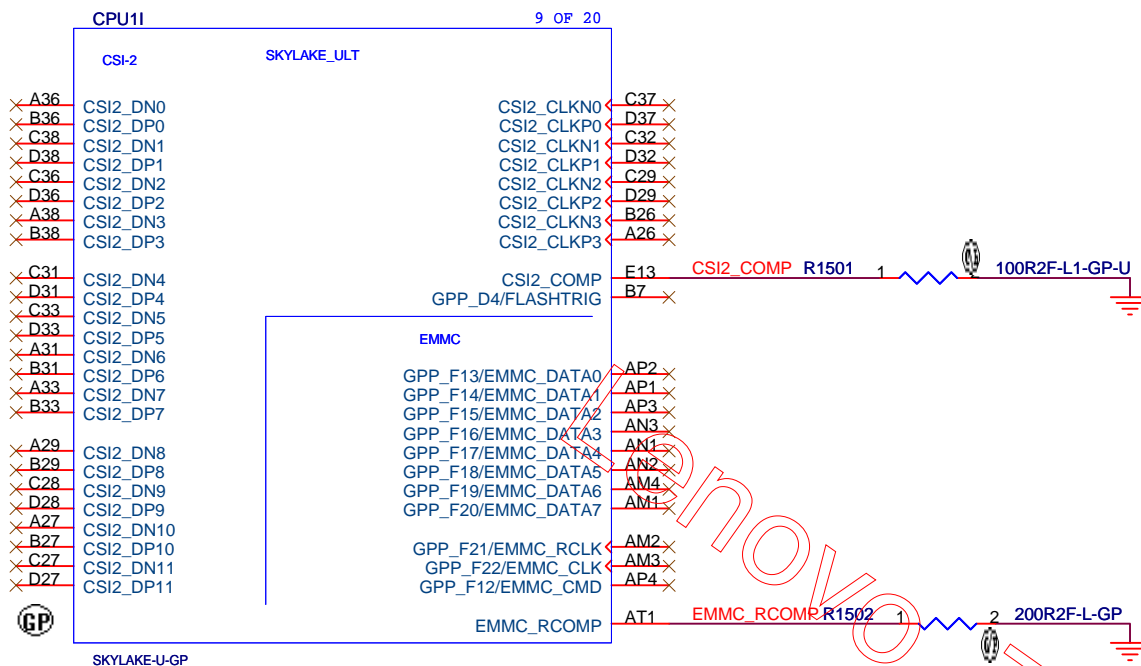
緯創資通

Wistron Corporation
21F, 88, Sec.1, Hsin Tai Wu Rd., Hsichih,
Taipei Hsien 221, Taiwan, R.O.C.

Title **LPDDR3 Termination Resistors**

Size A4	Document Number LS710	Rev SA
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緯創資通

Wistron Corporation
21F, 88, Sec.1, Hsin Tai Wu Rd., Hsichih,
Taipei Hsien 221, Taiwan, R.O.C.

Title

CPU (CS-2/EMMC)

Size
A4

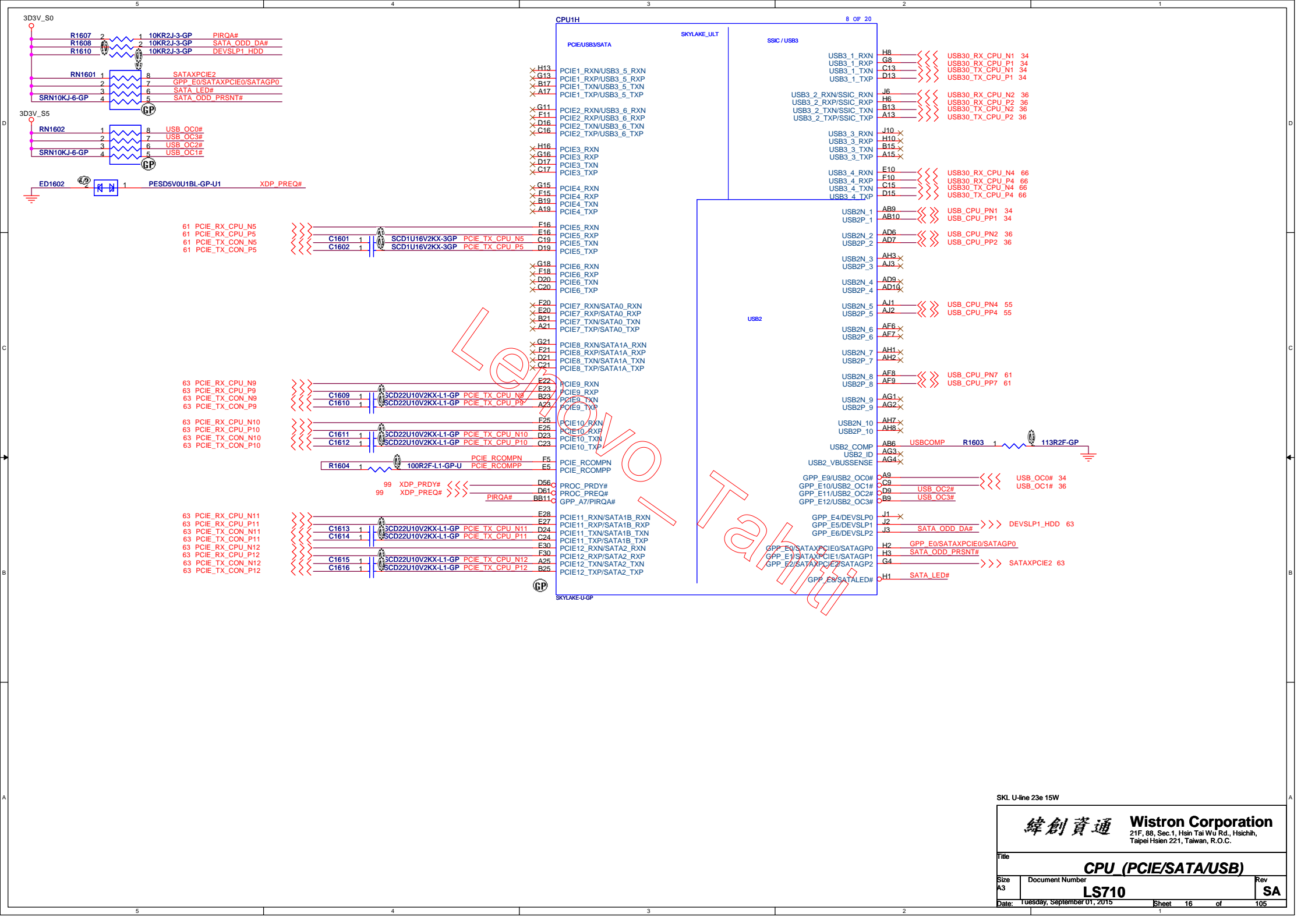
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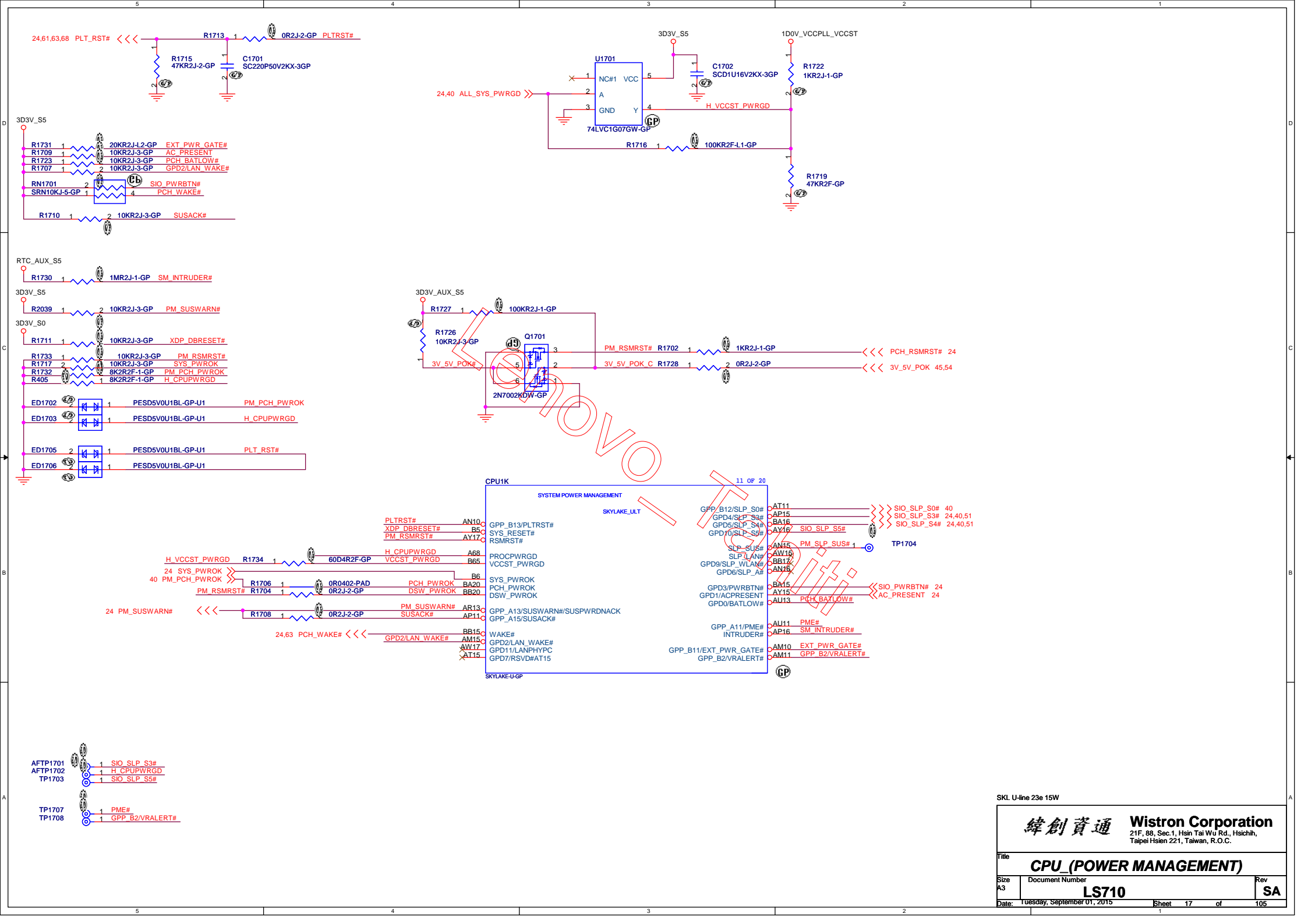
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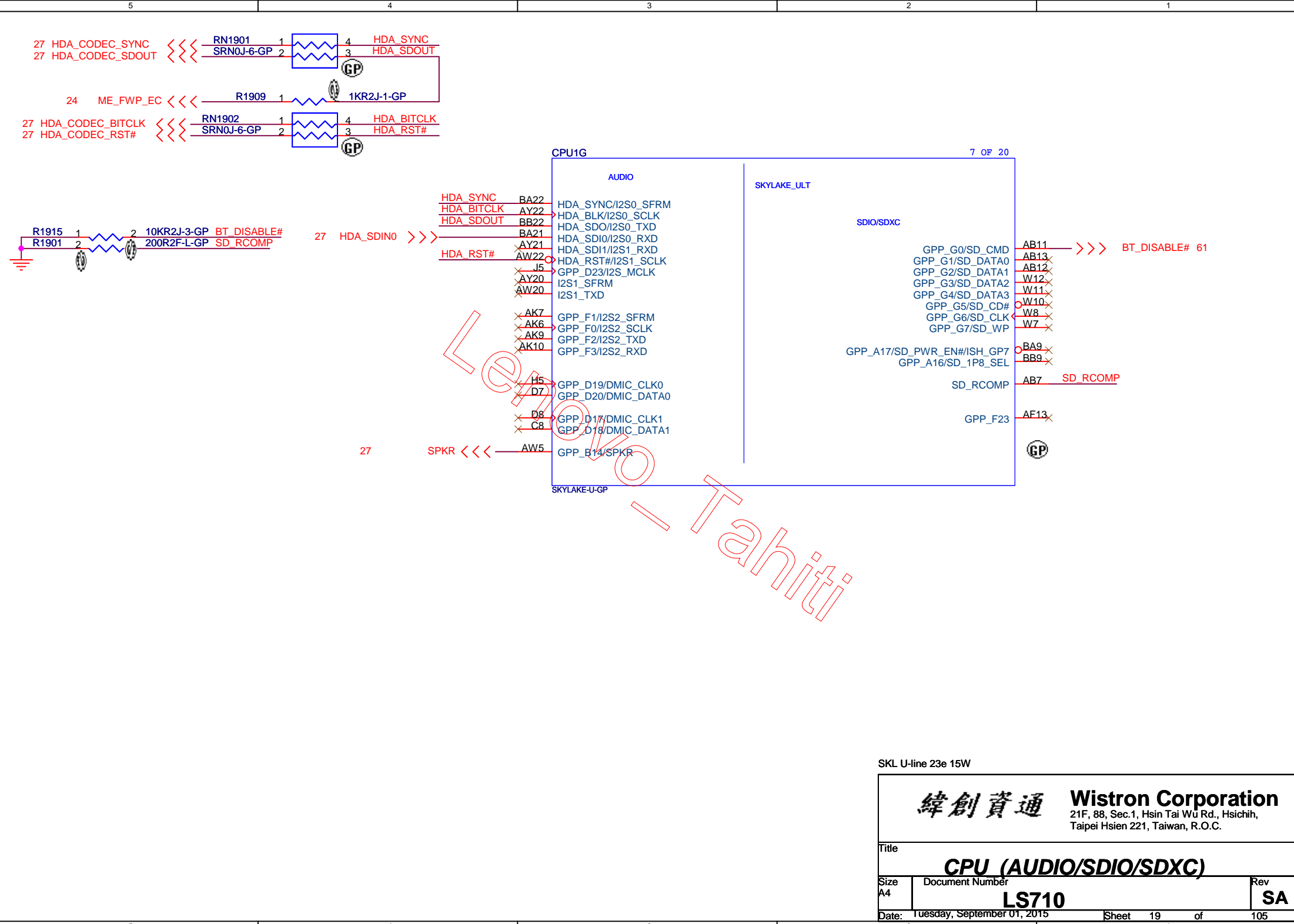
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SA

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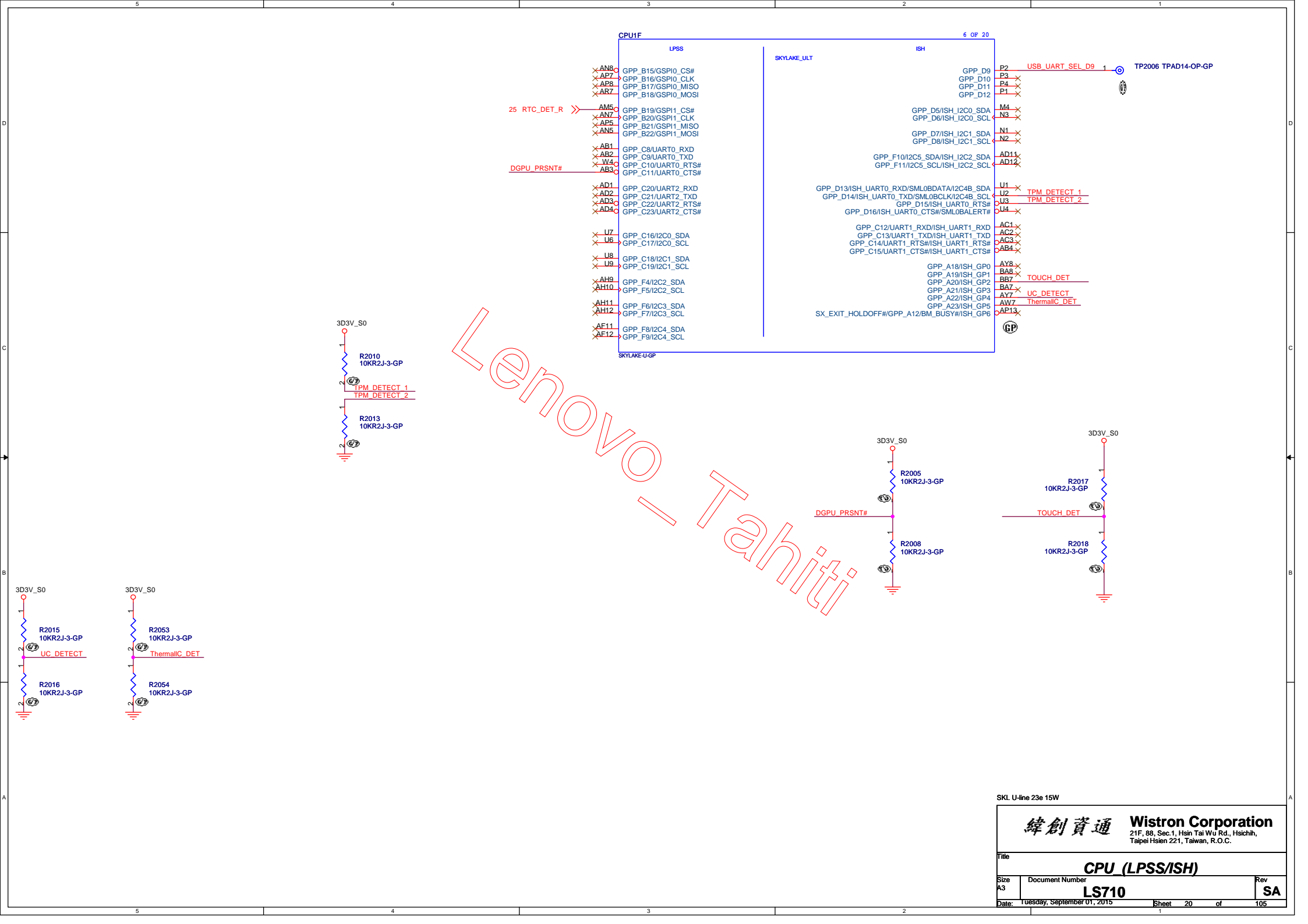






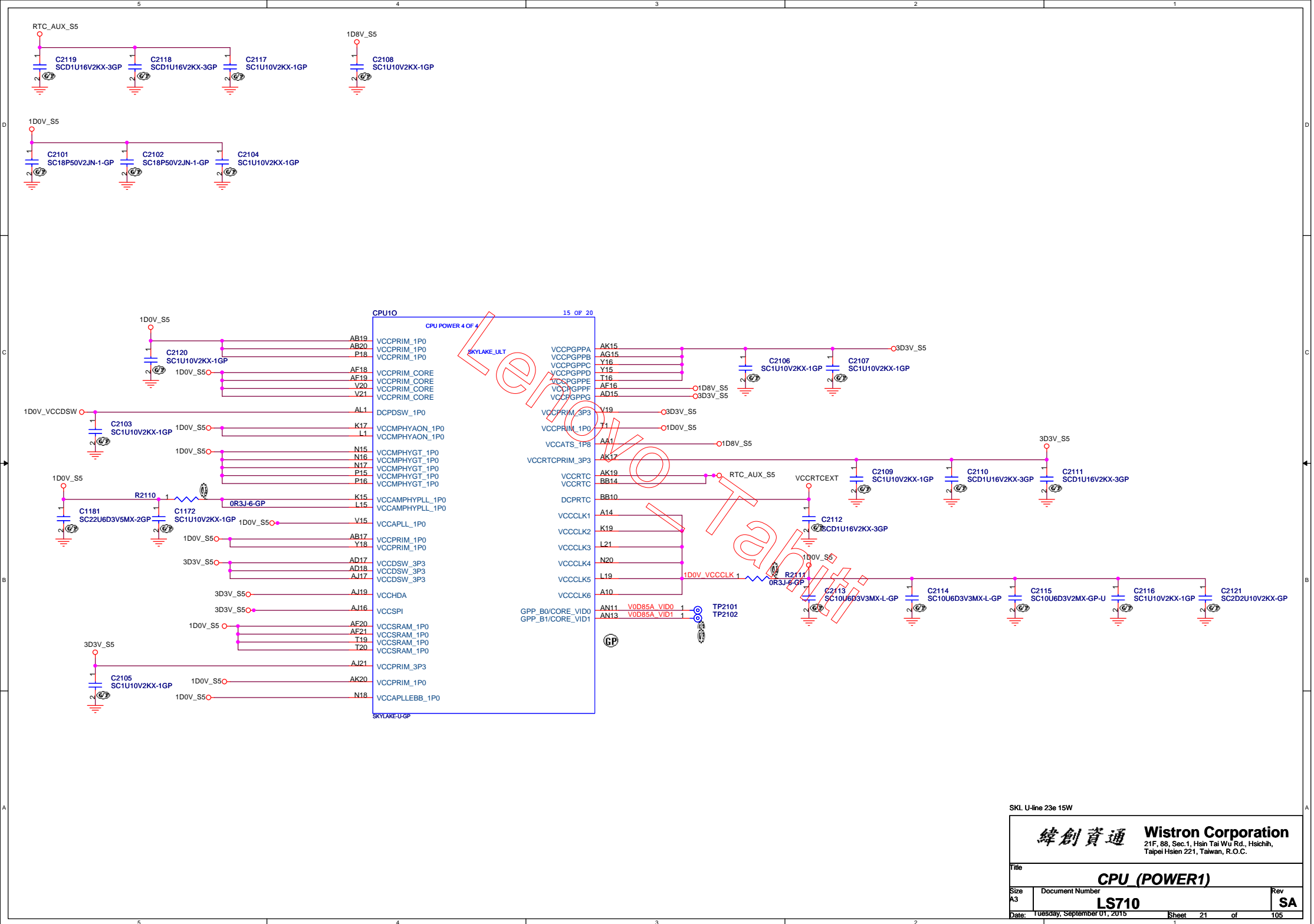
SKL U-line 23e 15W

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21F, 88, Sec.1, Hsin Tai Wu Rd., Hsichih, Taipei Hsien 221, Taiwan, R.O.C.			
Title			
CPU (AUDIO/SDIO/SDXC)			
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Title			
CPU (LPSS/ISH)			
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CPU1T 20 OF 20

SKYLAKE_ULT
SPARE

AW69	RSVD#AW69	RSVD#F6	F6
AW68	RSVD#AW68	RSVD#E3	E3
AU56	RSVD#AU56	RSVD#C11	C11
AW48	RSVD#AW48	RSVD#B11	B11
C7	RSVD#C7	RSVD#A11	A11
U12	RSVD#U12	RSVD#D12	D12
U11	RSVD#U11	RSVD#C12	C12
H11	RSVD#H11	RSVD#F52	F52

SKYLAKE-U-GP



Lenovo_Tahiti

SKL U-line 23e 15W

緯創資通

Wistron Corporation
21F, 88, Sec.1, Hsin Tai Wu Rd., Hsichih,
Taipei Hsien 221, Taiwan, R.O.C.

Title

CPU (RSVD)

Size
A4

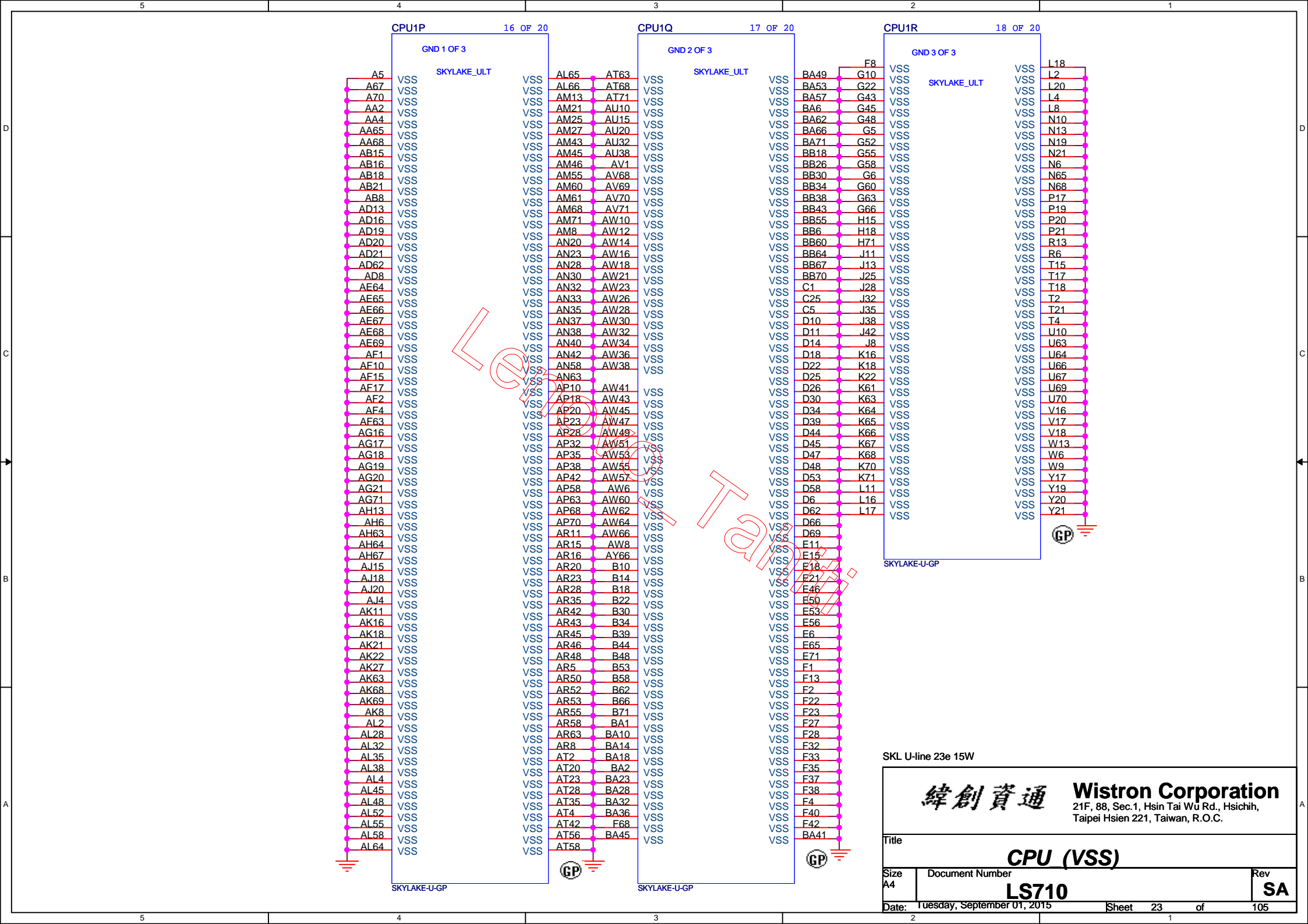
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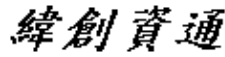
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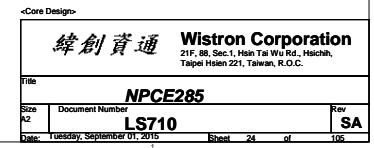
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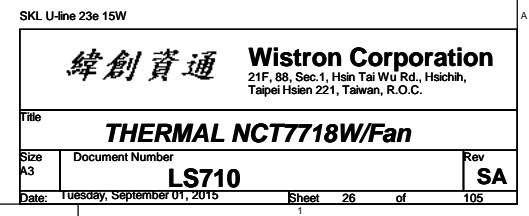
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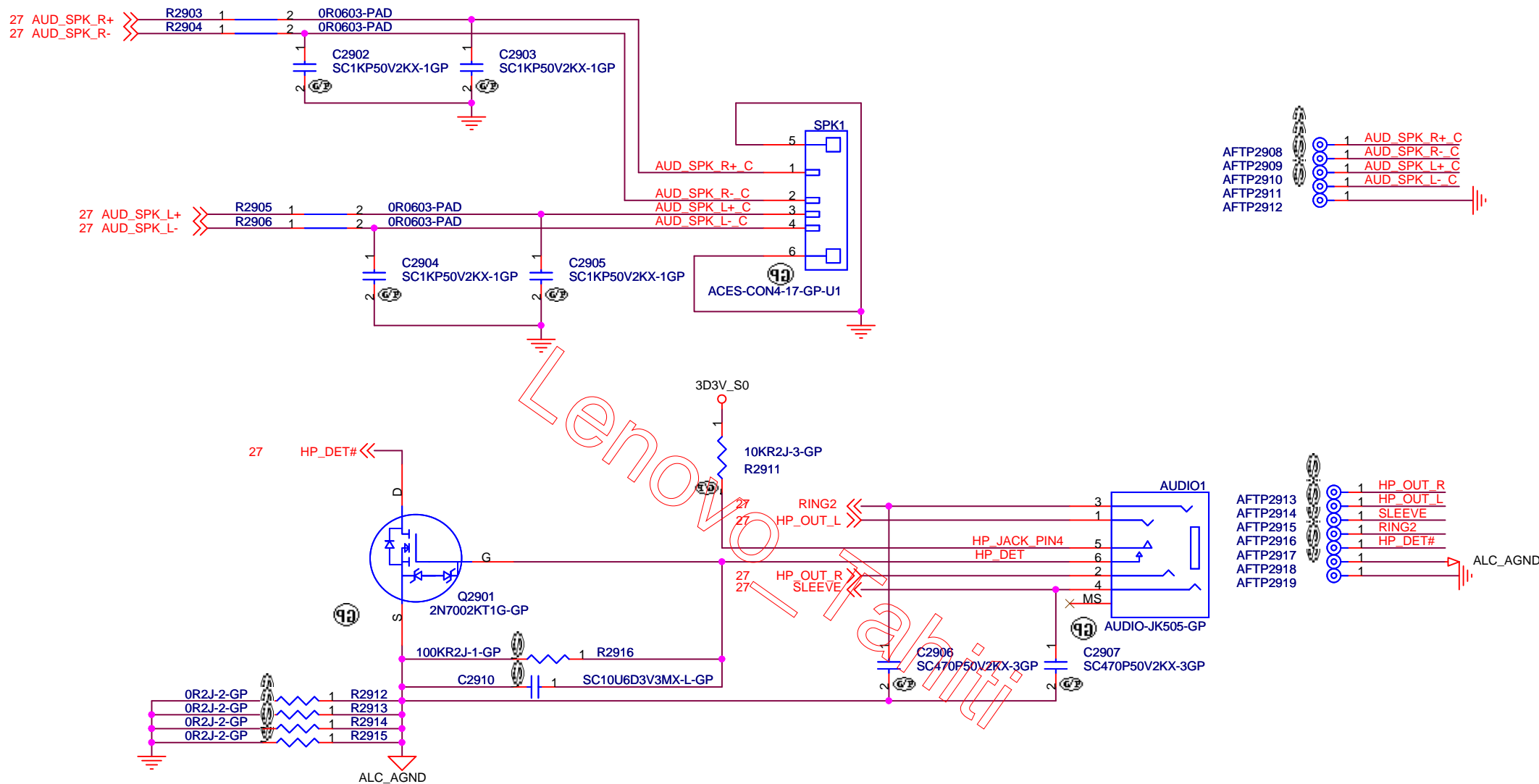
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Title CPU (VSS)		
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21F, 88, Sec.1, Hsin Tai Wu Rd., Hsichih,
Taipei Hsien 221, Taiwan, R.O.C.

Title

Audio IO

Size
A4

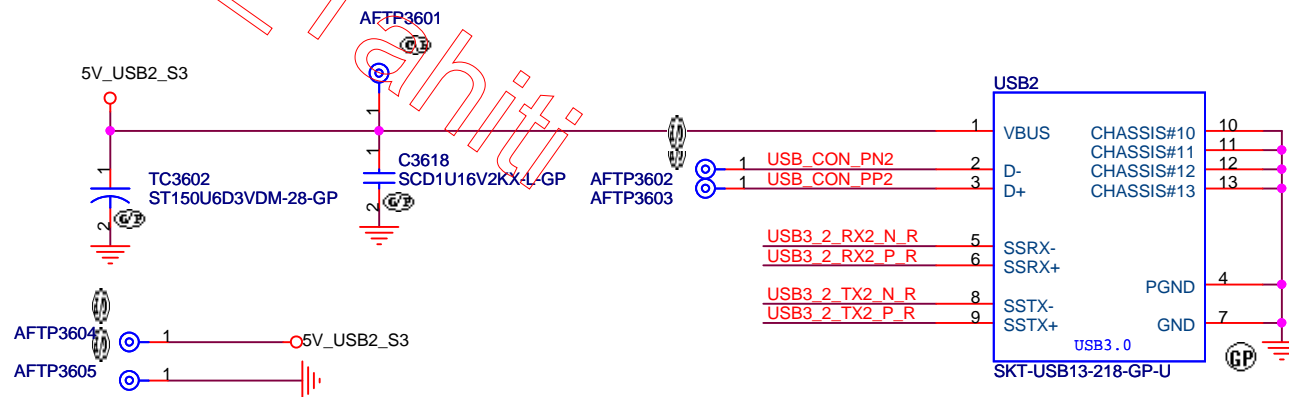
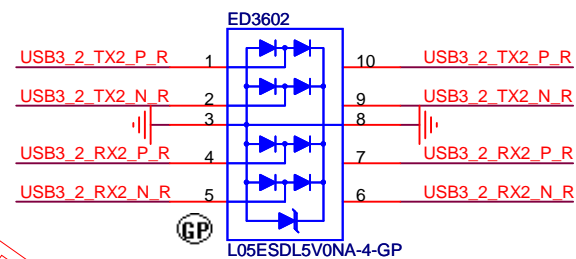
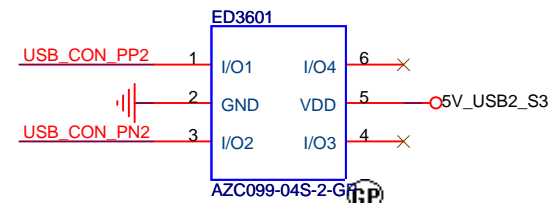
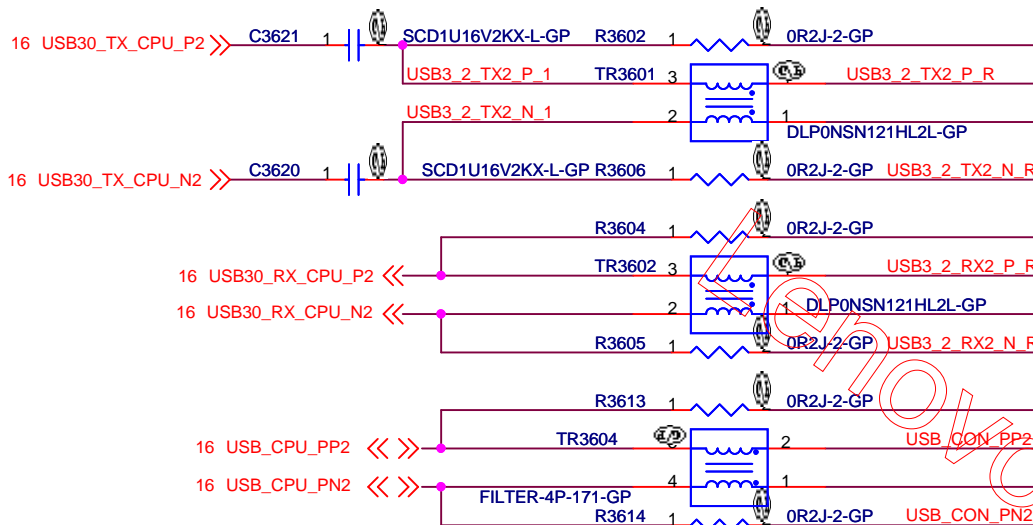
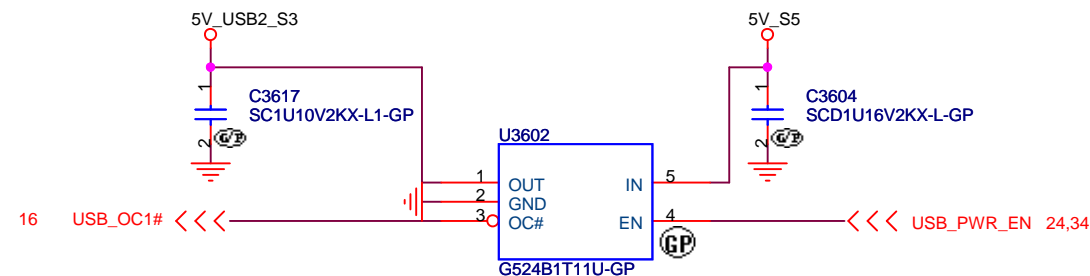
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Title

USB30

Size
A4

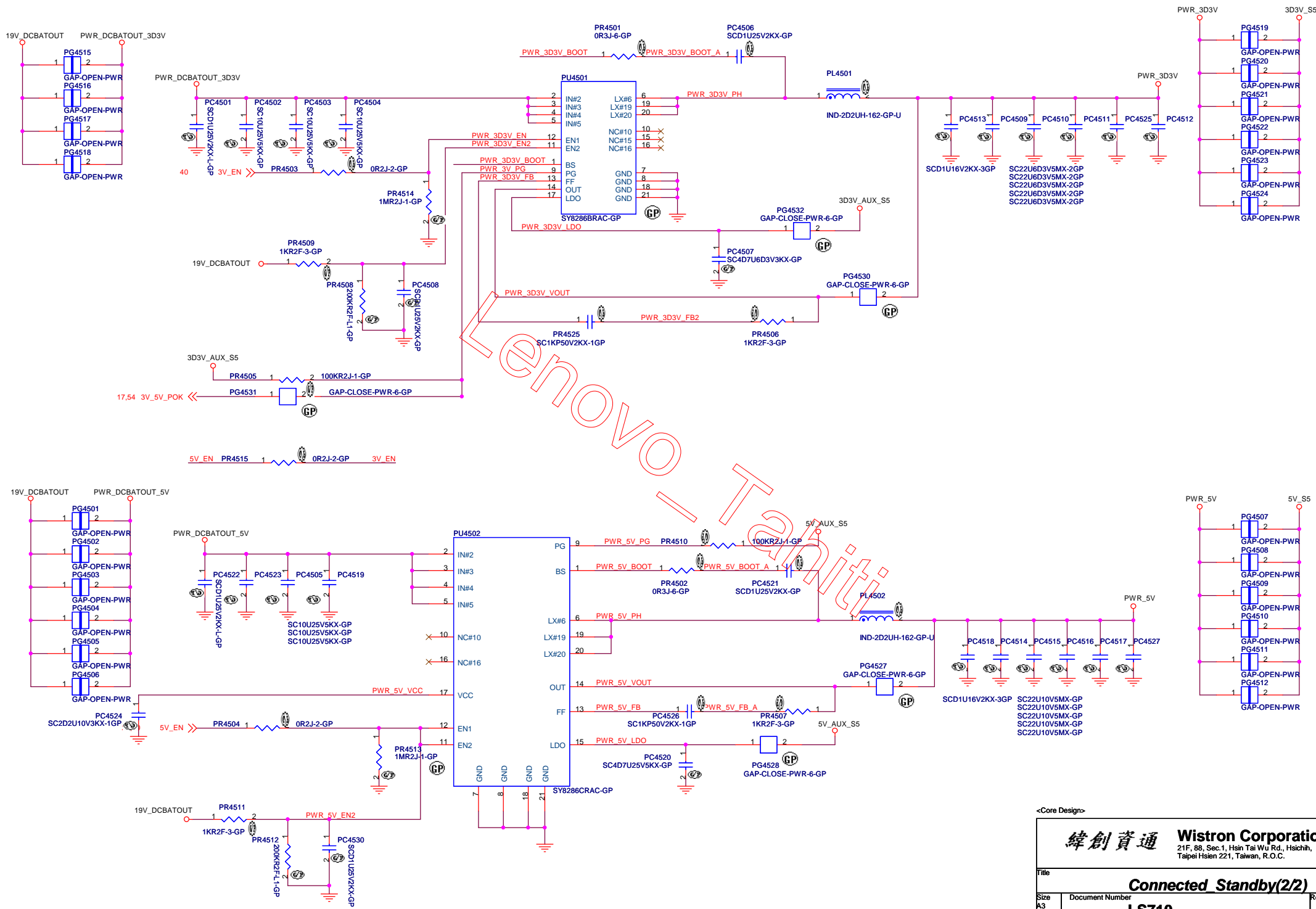
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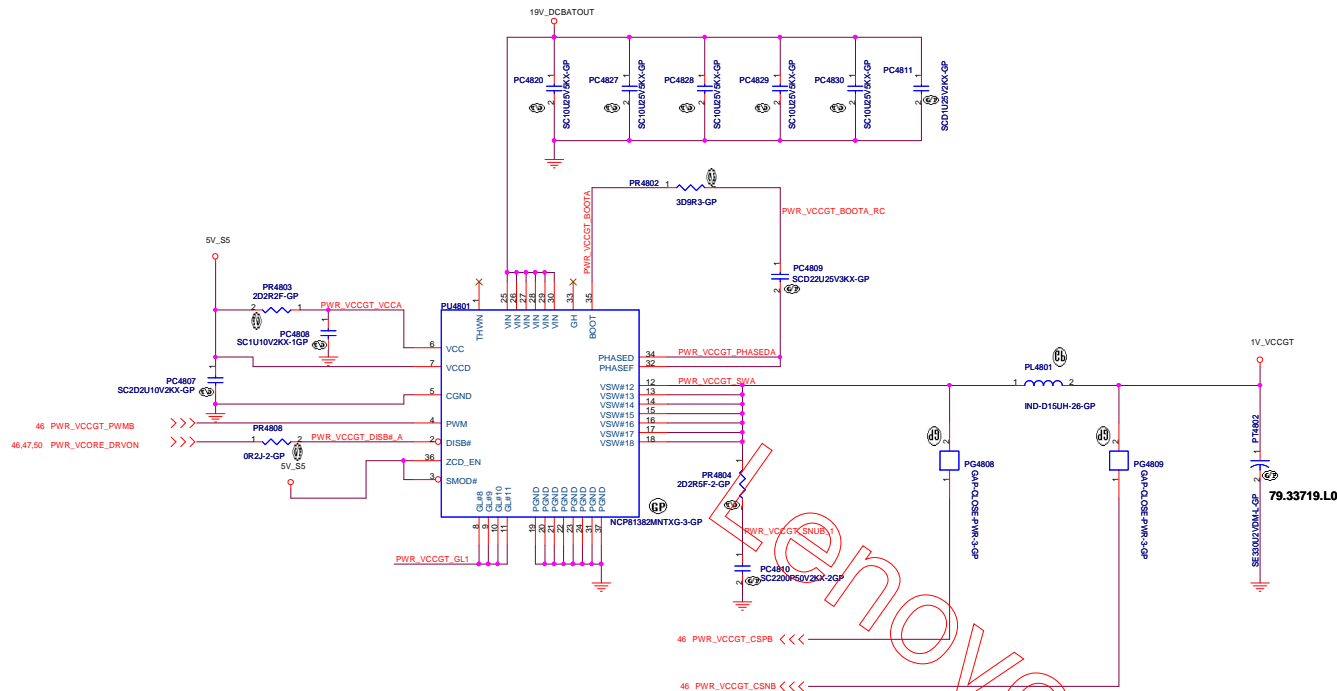
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Rev
SA

Date: Tuesday, September 01, 2015

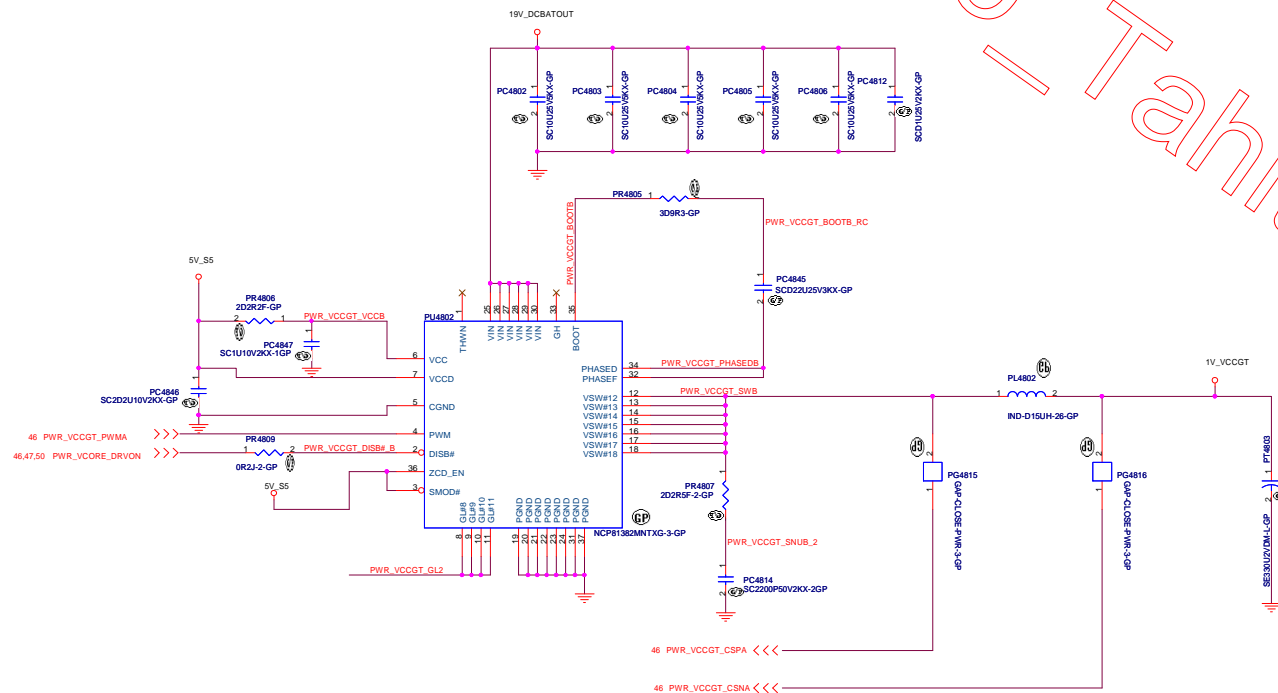
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46 PWR_VCCGT_CSNB <<<

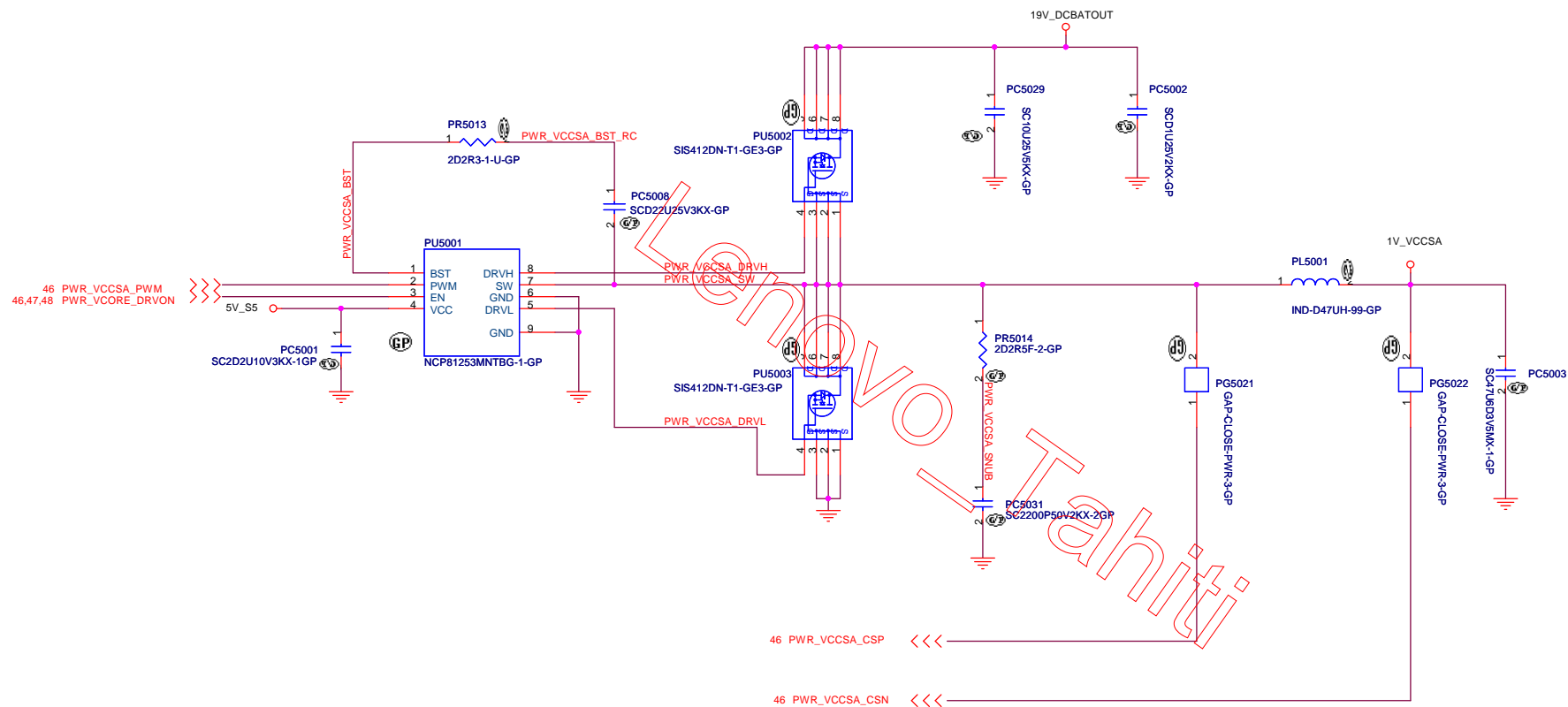


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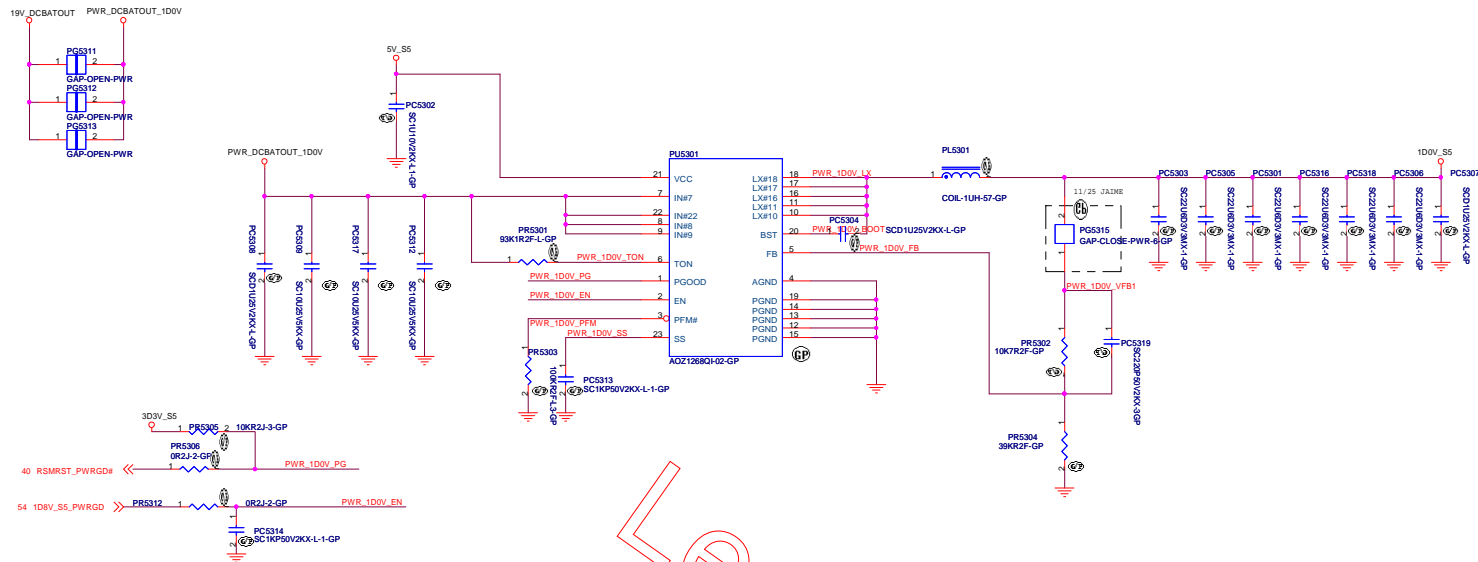
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SKL U-line 23e 15W

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File	Connected Standby(2/2)
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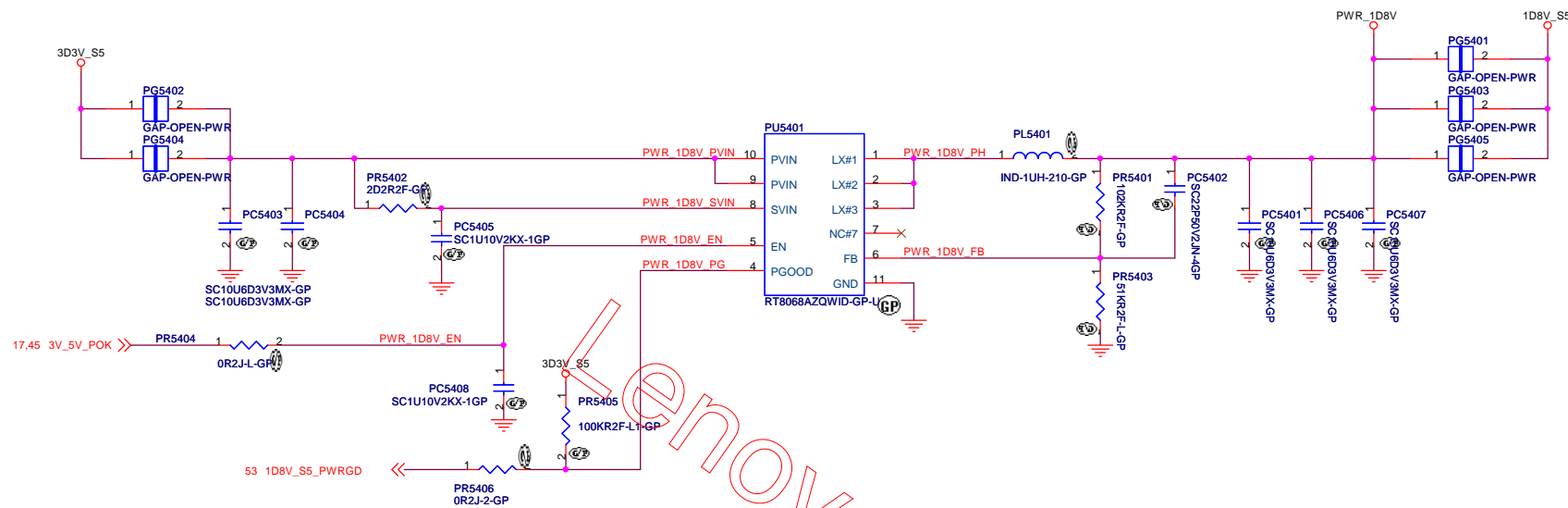


Lenovo - Tahiti

SKL U-line 23e 15W

緯創資通 Wistron Corporation
21F, 88, Sec.1, Hsin Tai Wu Rd., Hsuehshan,
Taipei Hsien 221, Taiwan, R.O.C.

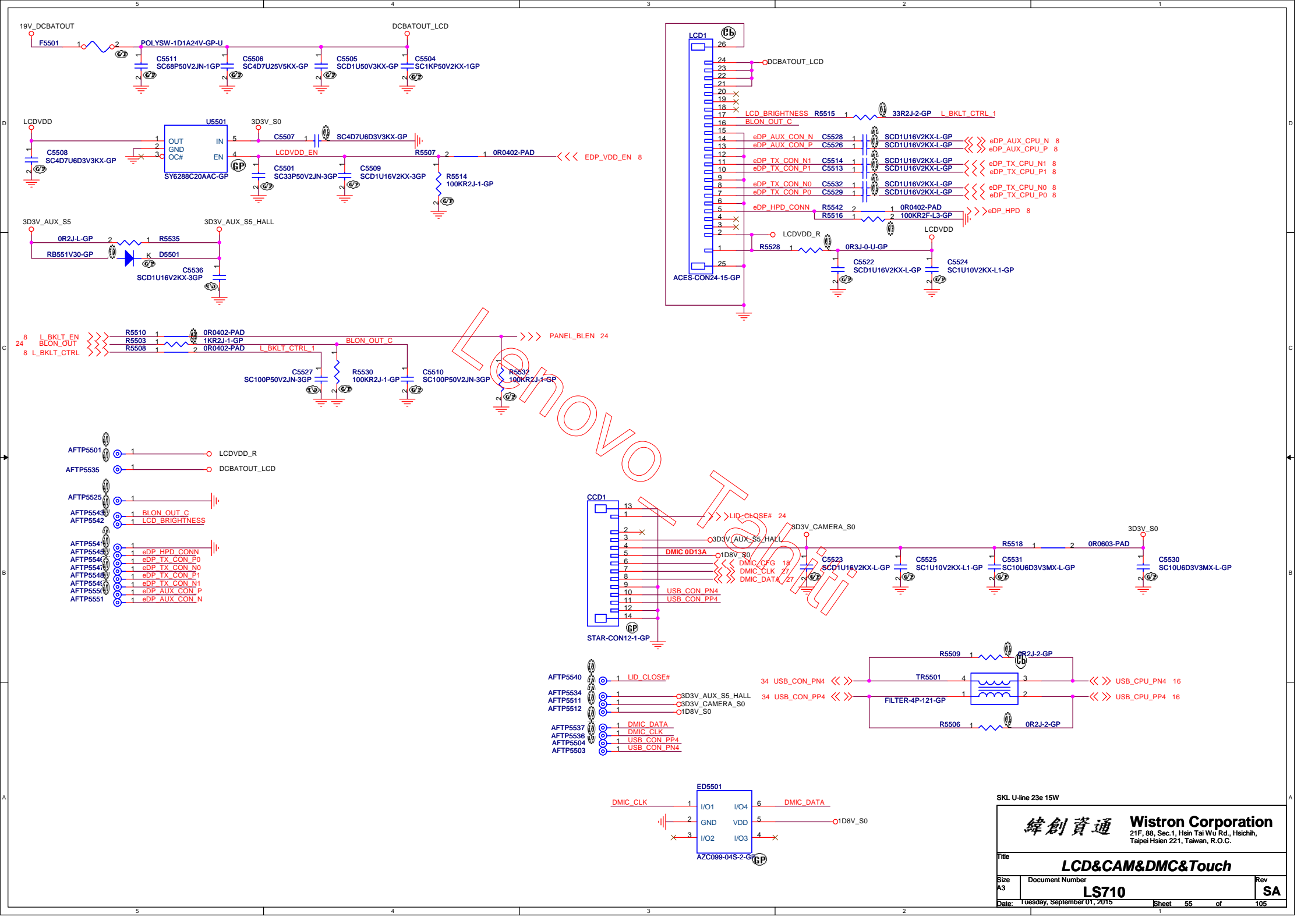
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Size	Document Number	Rev	SA
A2	LS710		
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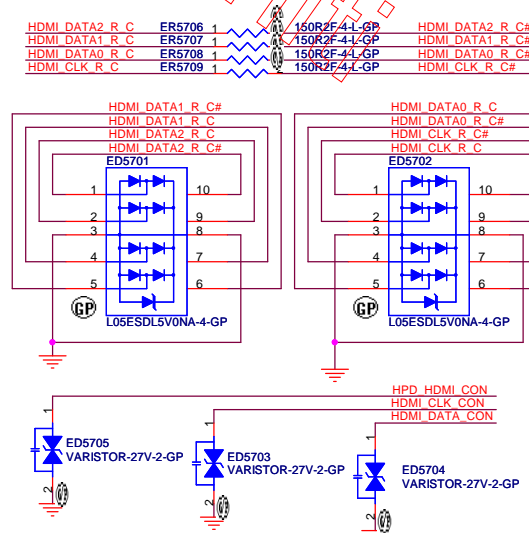
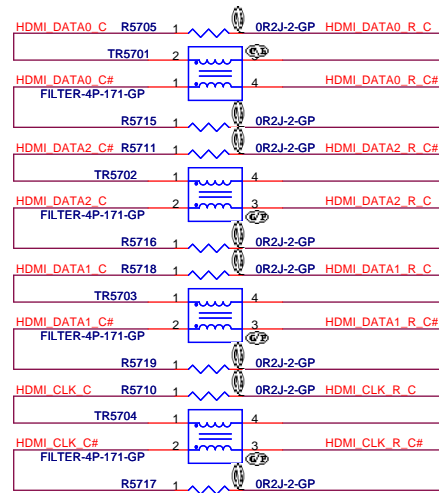
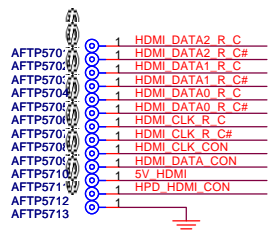
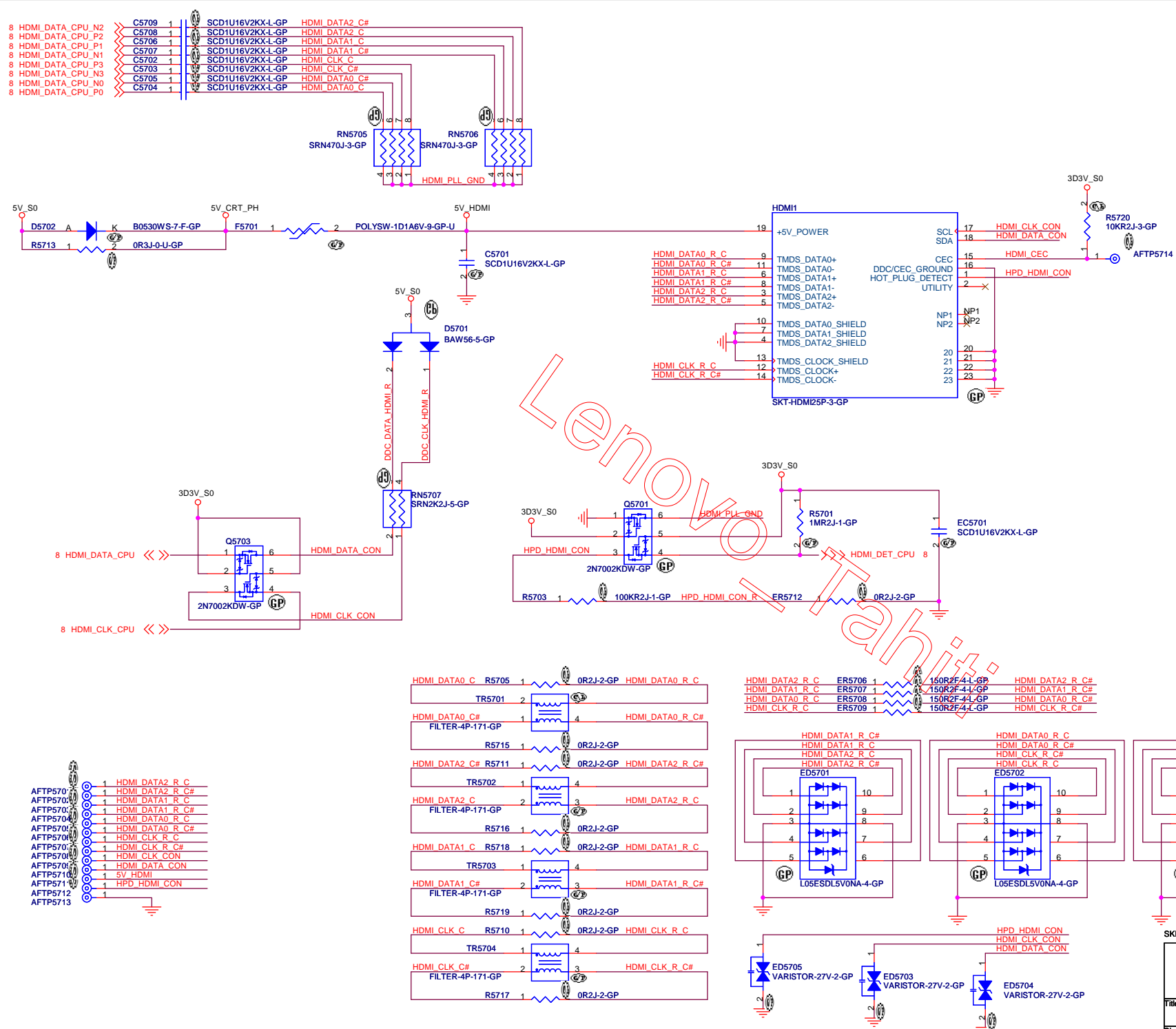


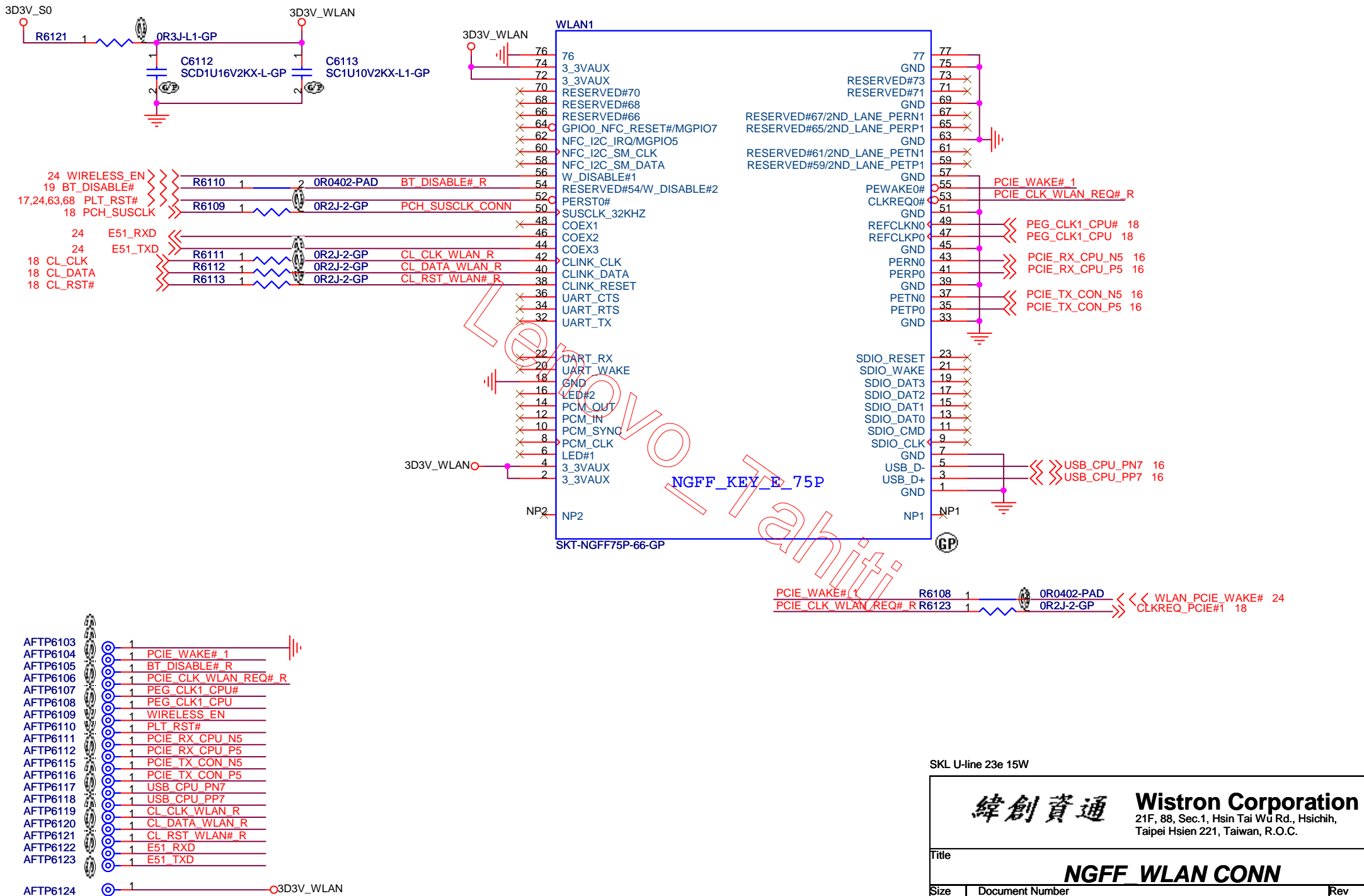
SKL U-line 23e 15W

緯創資通 Wistron Corporation
21F, 88, Sec.1, Hsin Tai Wu Rd., Hsichih,
Taipei Hsien 221, Taiwan, R.O.C.

Title			Connected Standby(2/2)	
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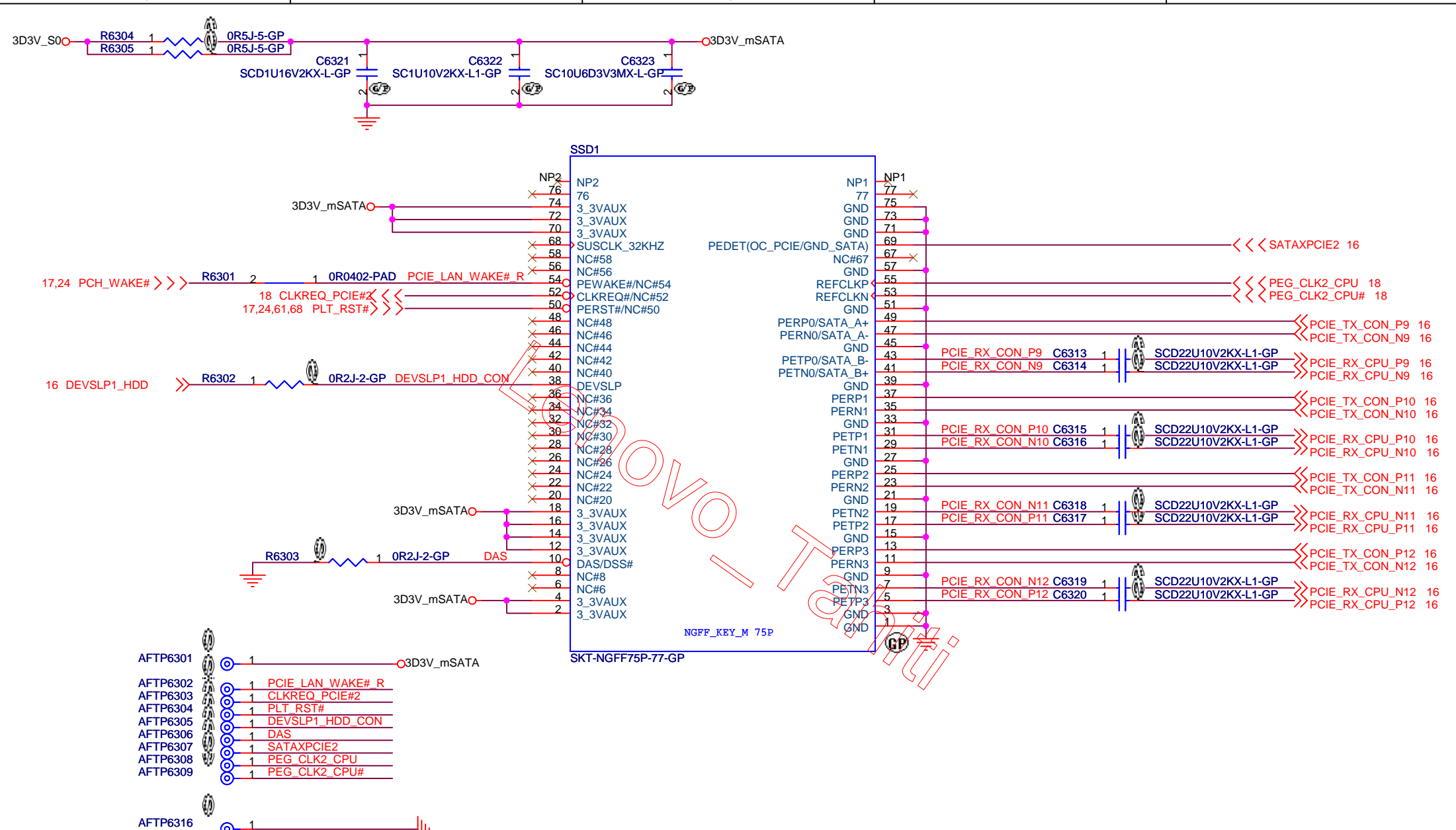




SKL U-line 23e 15W

緯創資通 Wistron Corporation
21F, 88, Sec.1, Hsin Tai Wu Rd., Hsichih,
Taipei Hsien 221, Taiwan, R.O.C.

Title					NGFF WLAN CONN				
Size	A4	Document Number			LS710			Rev	SA
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SKL U-line 23e 15W

緯創資通

Wistron Corporation

21F, 88, Sec.1, Hsin Tai Wu Rd., Hsichih,
Taipei Hsien 221, Taiwan, R.O.C.

Title

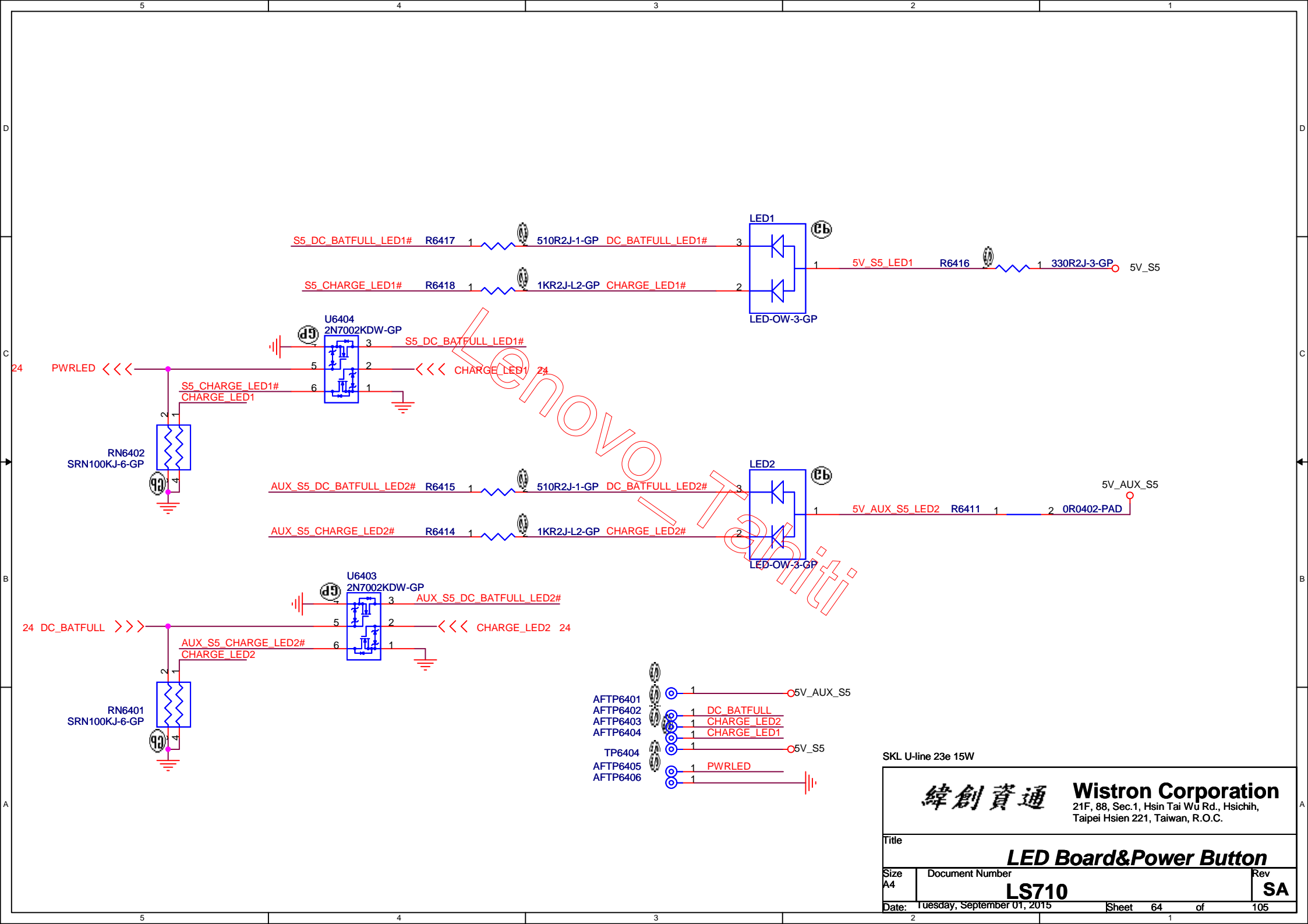
Size
A4

Document Number
LS710

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SA



SKL U-line 23e 15W

緯創資通 **Wistron Corporation**
21F, 88, Sec.1, Hsin Tai Wu Rd., Hsichih,
Taipei Hsien 221, Taiwan, R.O.C.

Title

LED Board&Power Button

Size
A4

Document Number

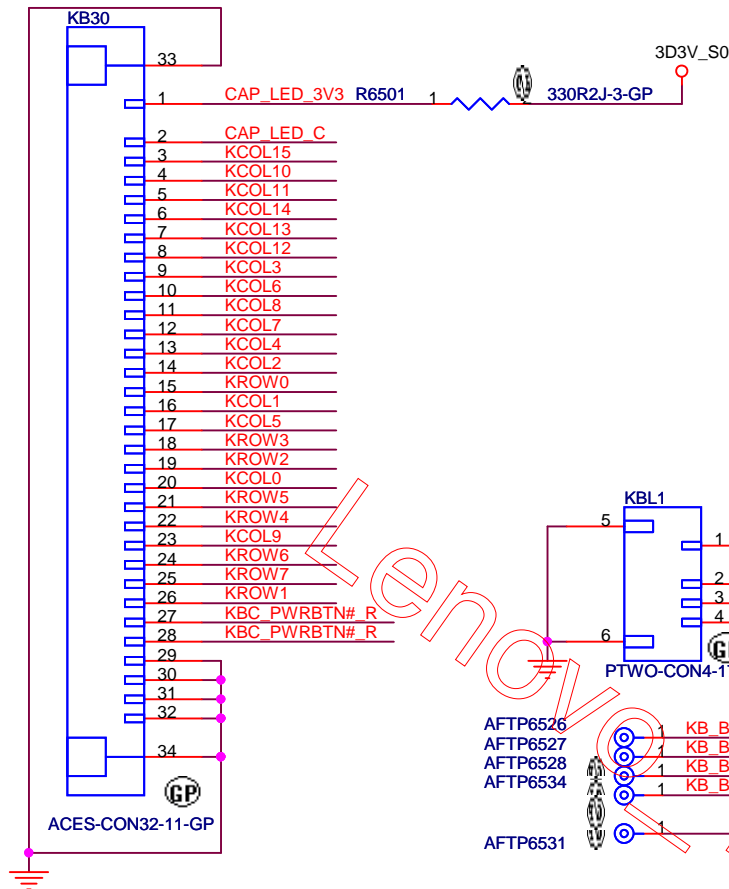
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Rev
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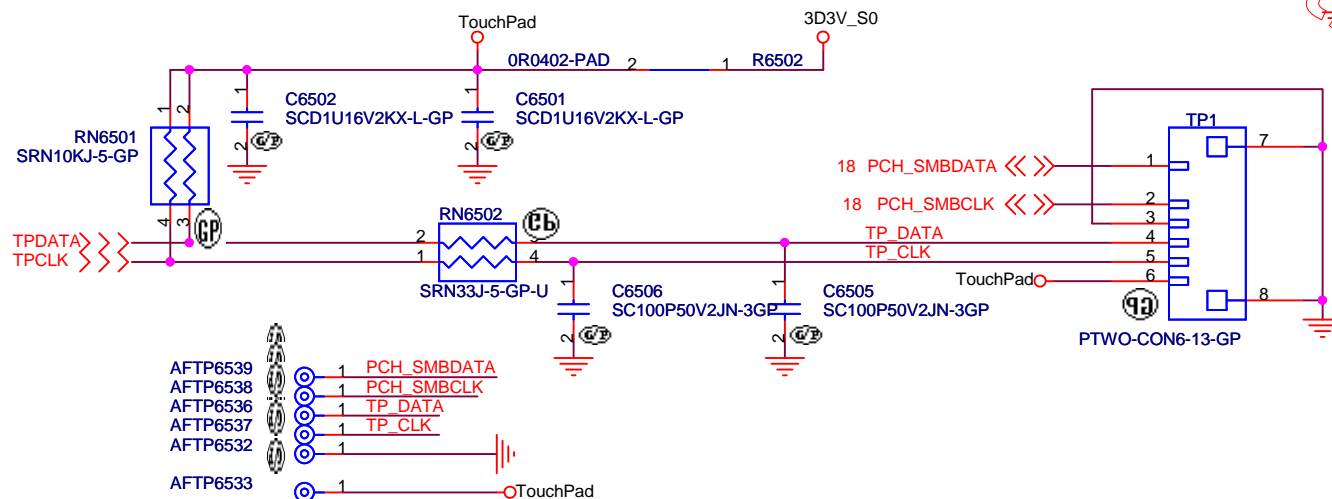
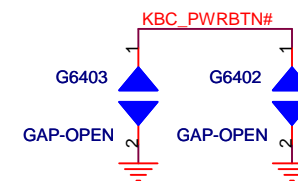
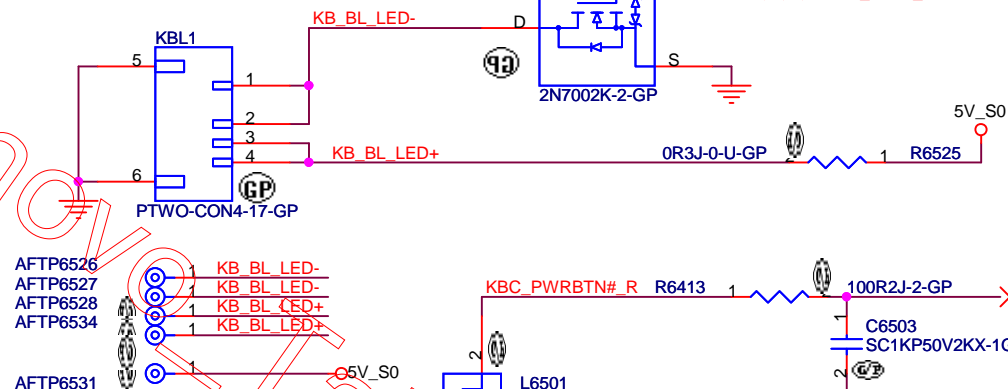
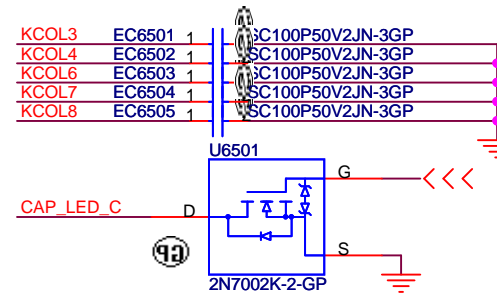
Date: Tuesday, September 01, 2015

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 AFTP6540 1 CAP_LED_C
 AFTP6501 1 KCOL15
 AFTP6502 1 KCOL10
 AFTP6503 1 KCOL11
 AFTP6504 1 KCOL14
 AFTP6505 1 KCOL13
 AFTP6506 1 KCOL12
 AFTP6507 1 KCOL3
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 AFTP6519 1 KROW5
 AFTP6520 1 KROW4
 AFTP6521 1 KCOL9
 AFTP6522 1 KROW6
 AFTP6523 1 KROW7
 AFTP6524 1 KROW1
 AFTP6525 1 KBC_PWRBTN# R
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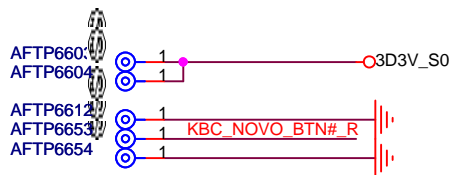
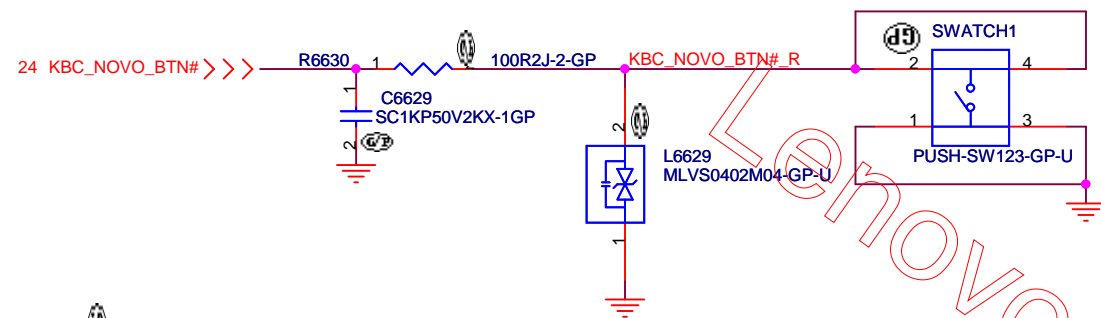
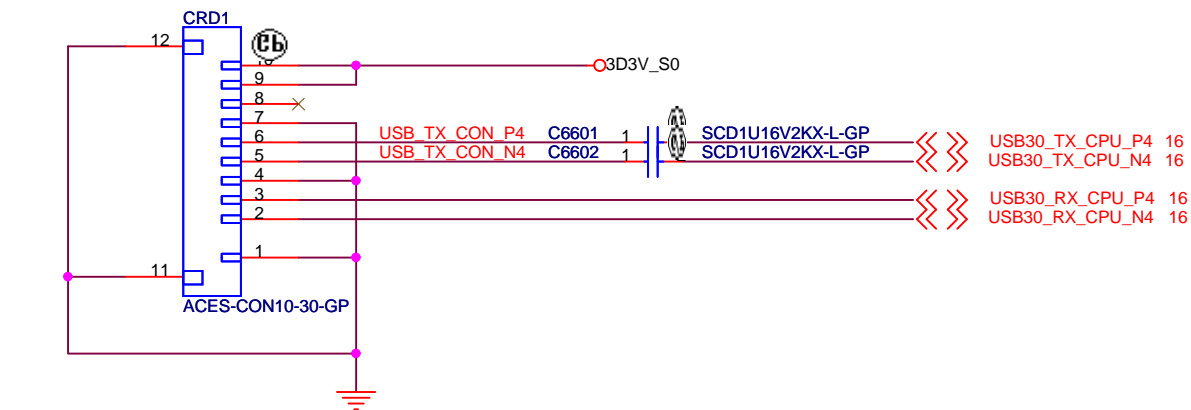


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 AFTP6538 1 PCH_SMBCLK
 AFTP6536 1 TP_DATA
 AFTP6537 1 TP_CLK
 AFTP6532 1
 AFTP6533 1 TouchPad

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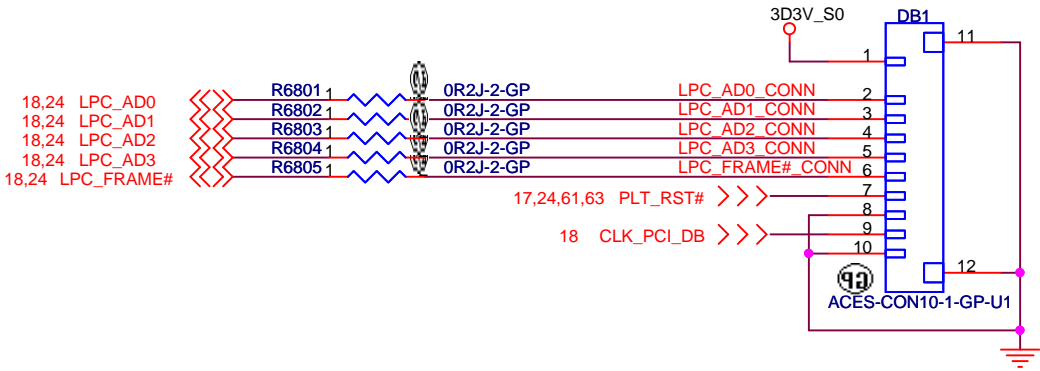
緯創資通 Wistron Corporation
 21F, 88, Sec.1, Hsin Tai Wu Rd., Hsichih,
 Taipei Hsien 221, Taiwan, R.O.C.

Title		
Key Board&Touch Pad		
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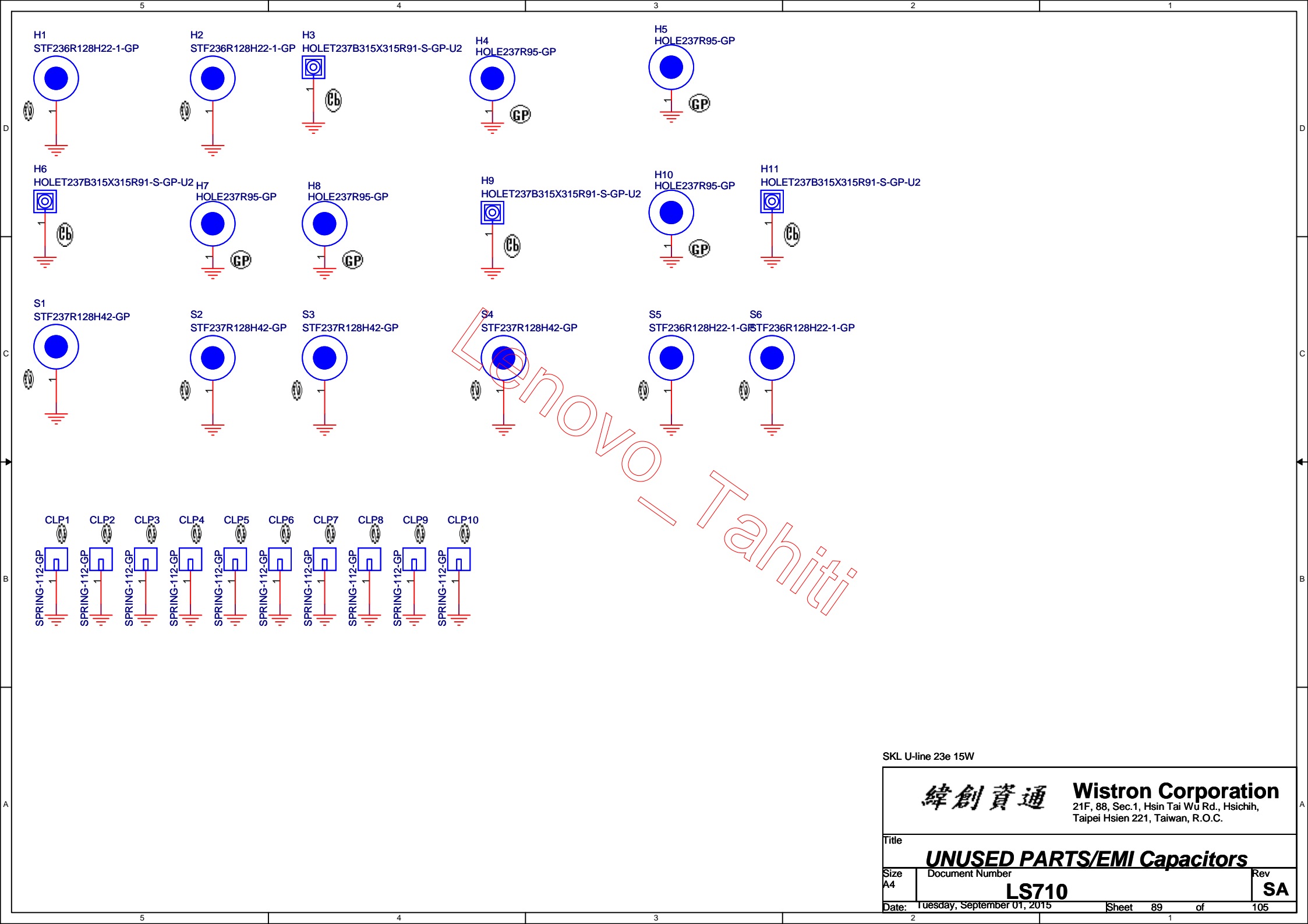
緯創資通 Wistron Corporation
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Title				
IO Board Connector				
Size A4	Document Number			Rev
	LS710			SA
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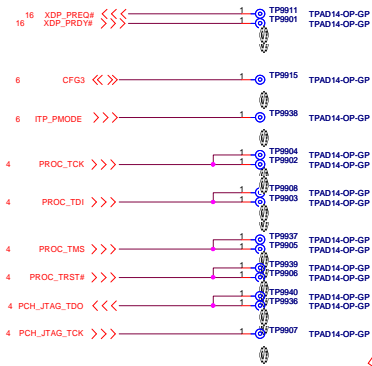
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Debug connector		
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Reserved			
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LS710			
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