

# Y Note-5 Block Diagram

04211-2 SOVP  
39T0344\_J81230

## PCB Layer Stackup

- L1:Top
- L2:GND
- L3:Signal 1
- L4:Signal 2
- L5:GND
- L6:VCC
- L7:Signal 3
- L8:Signal 4
- L9:GND
- L10:Bottom

## System DC/DC

MAX1901 62	
INPUTS	OUTPUTS
VINT16	VCC5M
	VCC3M

## Battery Charger/Selector

MAX8724 57	
CV16	M-BAT-PWR
	S-BAT-PWR
VINT16	VCCIR05B
	VCCIR5M

## GMCH/ICH6 CORE

MAX1540 66	
VINT16	VCCIR05B
	VCCIR5M
VINT16	VCCIR05B
	VCCIR5M

## CPU DC/DC

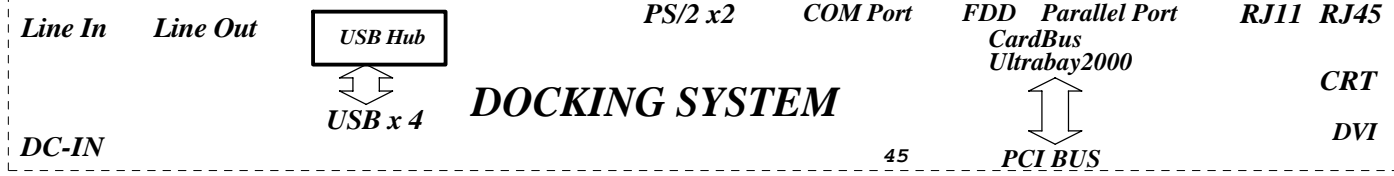
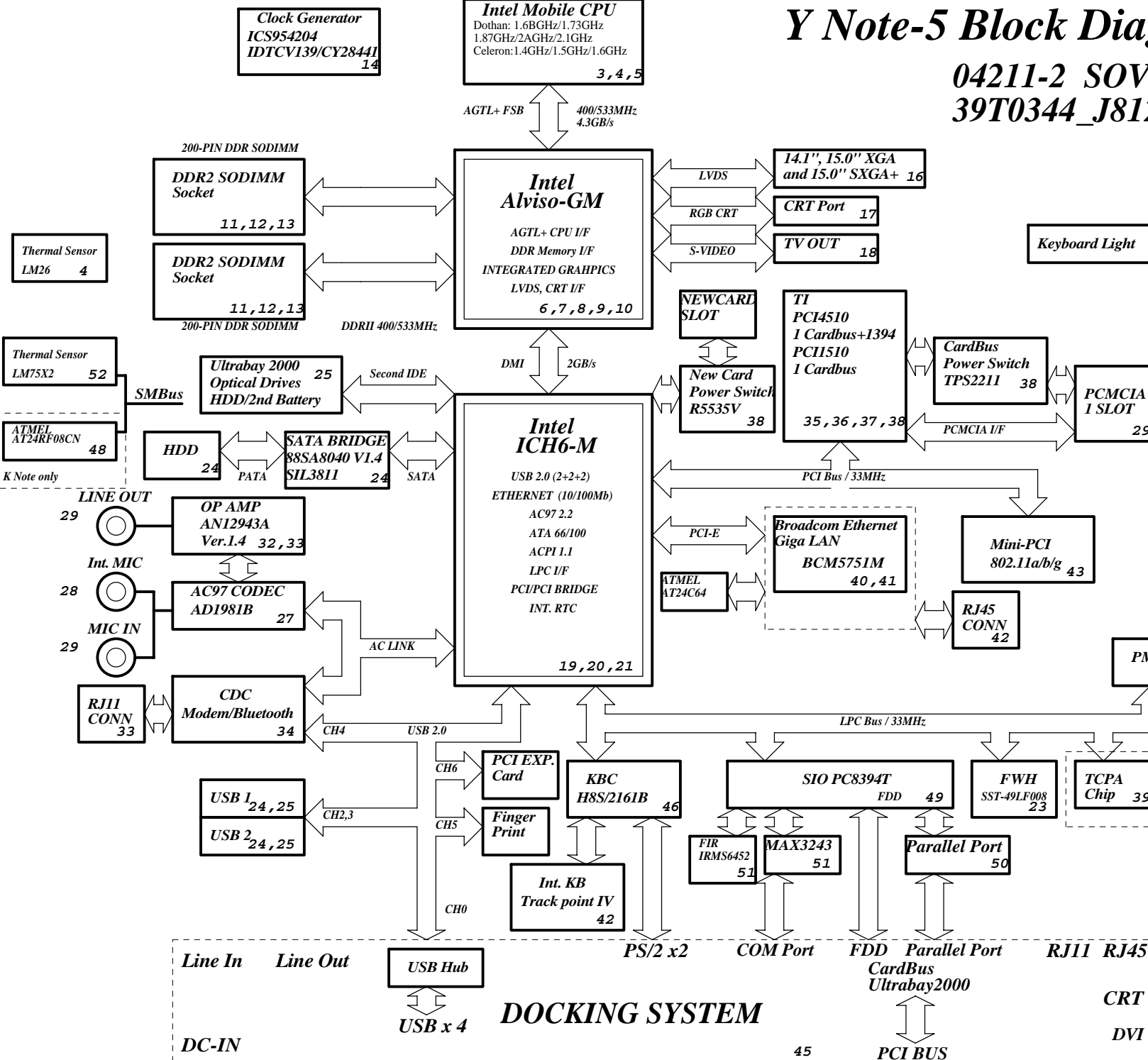
ISL6217 63	
VINT16	VCCCPUCORE
VINT16	VCCCPUCORE

## DDR2 DC/DC

MAX1993 65	
VINT16	VCCIR8M
VINT16	VCCIR8M

## LVDS/DDR2\_VREF

MAX1589/LP2996MR 67	
VCC3M	VCC2R5A
VCC3M	VCC0R9B
VCC3M	VCC0R9B



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### RESISTOR

Symbol name	Value	Tolerance (J: 5%, F: 1%, D: 0.5%, B: 0.1 %)	Rating 0402=> 1/16W, 25V 0603 => 1/16W, 75V 0805 => 1/10W, 100V	Size 2=>0402, 3=>0603, 5=>0805, 6=>1206, 0=>1210
10KR3	10K Ohm	If no letter, it means J: 5%	1/16W, 75V	0603
33D3R5	33.3 Ohm	If no letter, it means J: 5%	1/10W, 100V	0805
1KR3F	1K Ohm	F: 1%	1/16W, 75V	0603

The naming rule is value + R + size + tolerance  
 For the value, it can be read by the number before R. (R means resistor)  
 For the tolerance, it can be read from the last letter.  
 For the rating, we don't show on the symbol name.  
 For the size, R2=>0402, R3=>0603, R5=>0805,....

### PCI TABLE

DEVICE	IDSEL	IRQ(Default)	REQ# / GNT#
MINIPCI SLOT	AD18	F, G	REQ# 2/ GNT#2
CARDBUS R5C841	AD16	SERIRQ	REQ#0 / GNT#0
USB UHCI	AD29	A, B, C, D	
USB 2.0 EHCI	AD29	A	
DMI-to-PCI AC97 Modem AC97 Audio	AD30	B	REQ#1 / GNT#1
LPC Bridge IDE SATA SMBus	AD31	A B B	
PCI Express	AD28	A, B, C, D	
Azalia Controller	AD27	A	

### CAPACITOR

Symbol name	Value	Tolerance (M: +/-20, K: +/-10, Z: +80/-20)	Rating	Size 2=>0402, 3=>0603, 5=>0805, 6=>1206, 0=>1210
SCD1U10V2MX-1	0.1uF	M/X5R	10V	0402
SC10U6D3V5MX	10uF	M/X5R	6.3V	0805
SC2D2U16V5ZY	2.2uF	Z/Y5V	16V	0805

The naming rule is  
 Capacitor type + value + rating + size + tolerance + material  
 SCD1U10V2MX-1  
 SC=> SMT Ceramic, TC=> POS cap or SP cap  
 D1U => 0.1uF  
 10V => the voltage rating is 10V  
 2=> 0402, 3=>0603, 5=>0805  
 M=>tolerance M, K, Z  
 X=> X7R/X5R, Y=> Y5V  
 -1 => symbol version, nonsense to EE characteristic

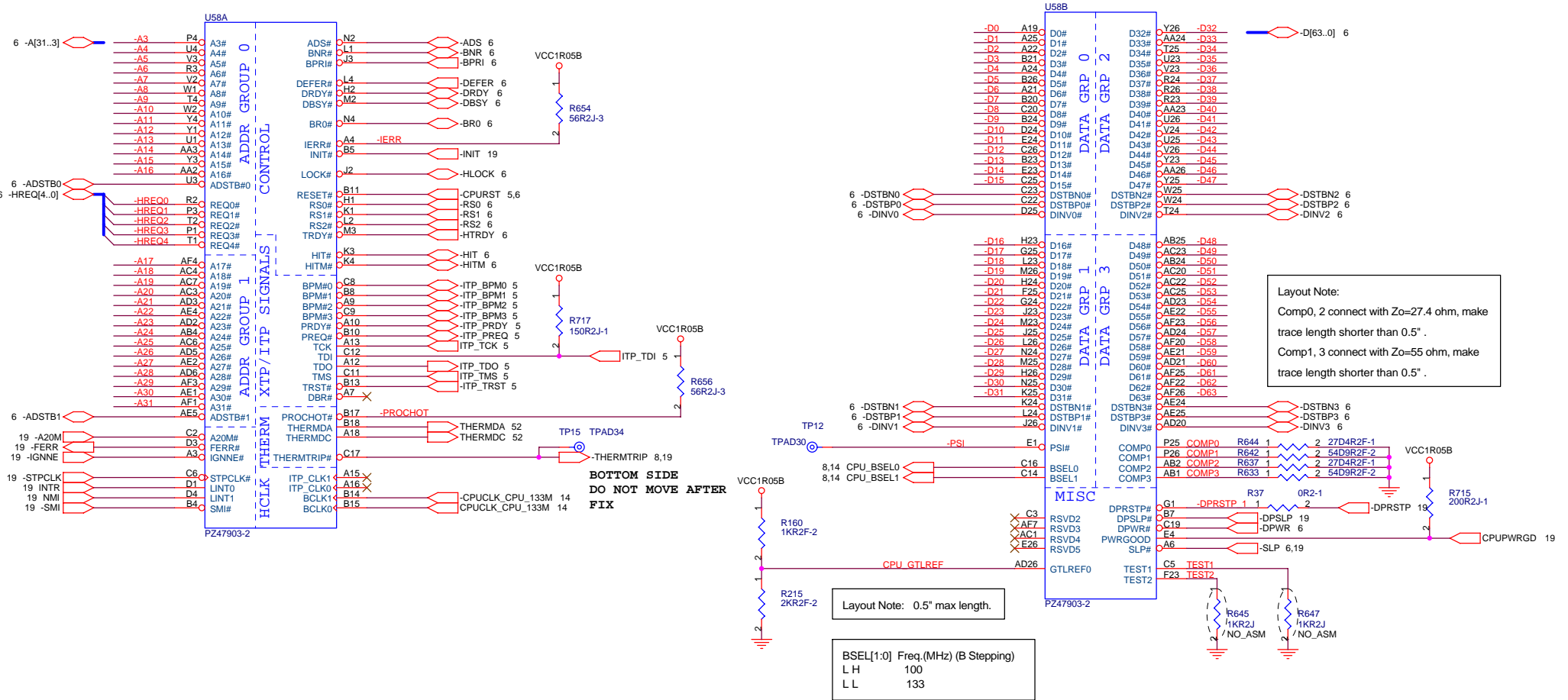
### PLANAR\_ID[3...0]

PLANAR ID	3	2	1	0
GPIO	15	12	11	10
SDV	0	0	0	0
SDV-R	0	0	0	1
SIV	0	0	1	0
SIT	0	0	1	1
SIT-R	0	1	0	0
SVT	0	1	0	1
SOVP	1	1	1	1

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Title		<b>Reference</b>	
Size A3	Document Number	Rev -2	
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	Y-NOTE	K-NOTE
R645	NO_ASM	NO_ASM
R647	NO_ASM	NO_ASM

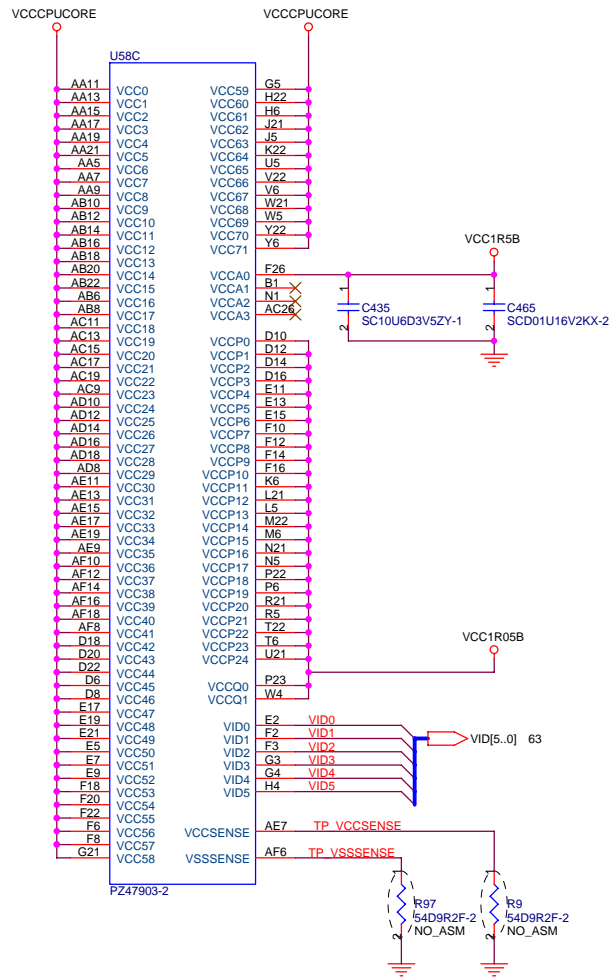


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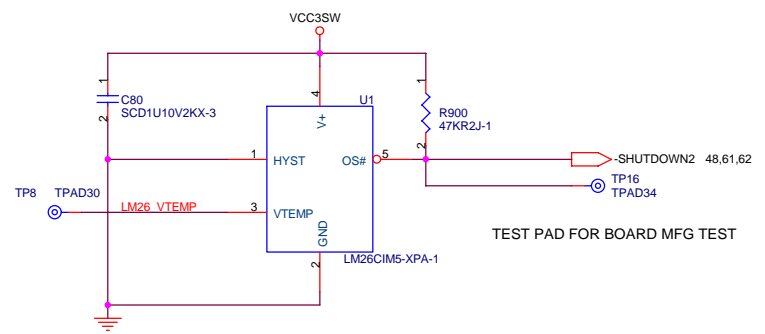
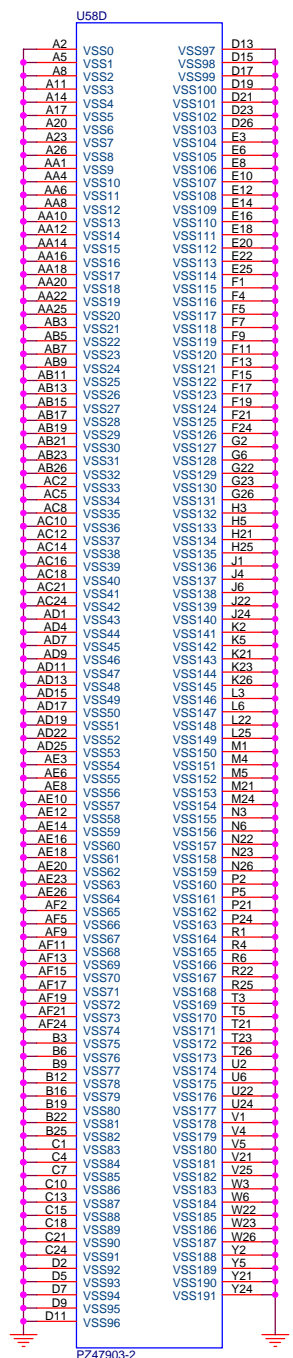
Title: **CPU (1/2)**

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	Y-NOTE	K-NOTE
R97	NO_ASM	NO_ASM
R99	NO_ASM	NO_ASM



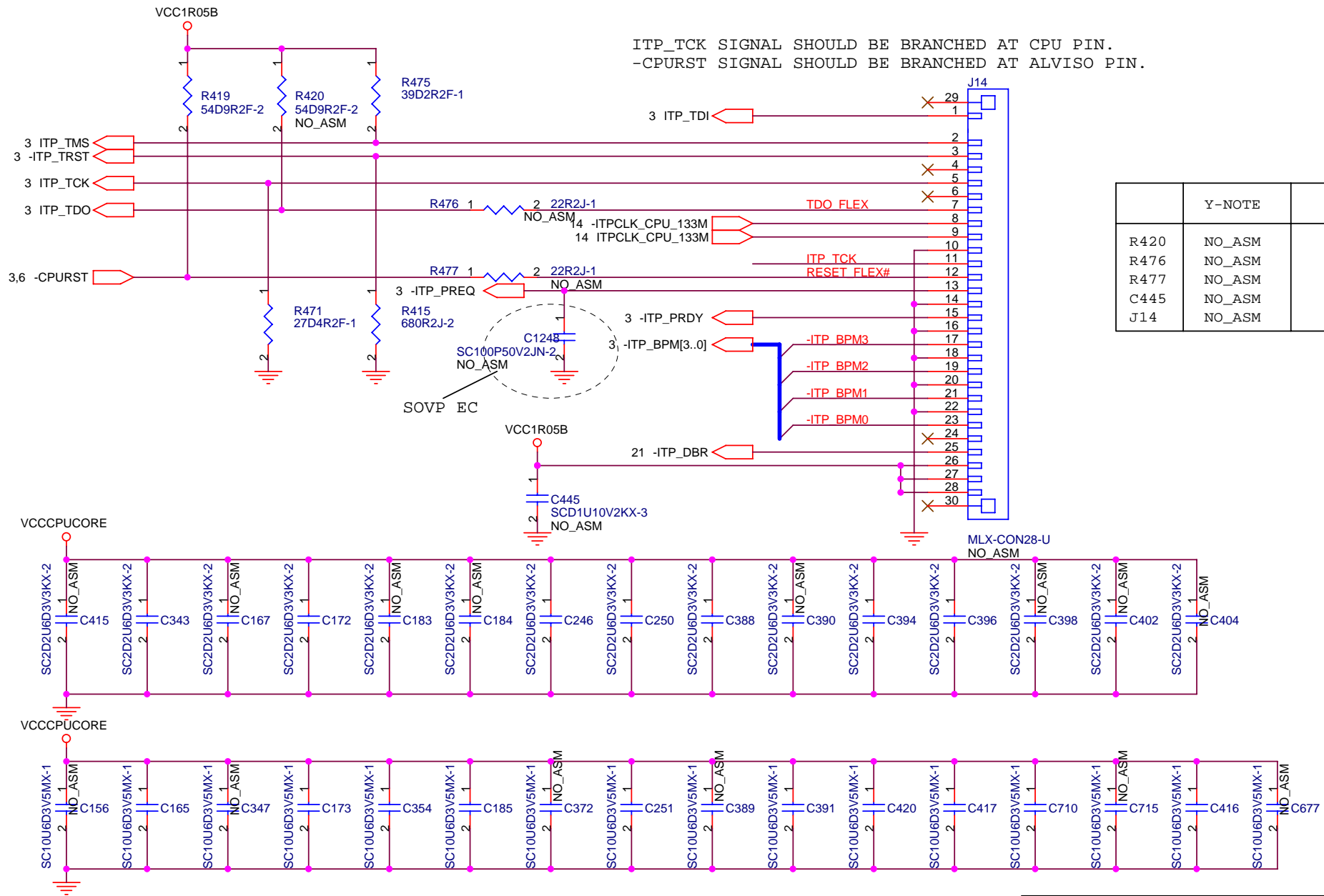
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Title: **CPU (2/2)**

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	Y-NOTE	K-NOTE
R420	NO_ASM	NO_ASM
R476	NO_ASM	NO_ASM
R477	NO_ASM	NO_ASM
C445	NO_ASM	NO_ASM
J14	NO_ASM	NO_ASM

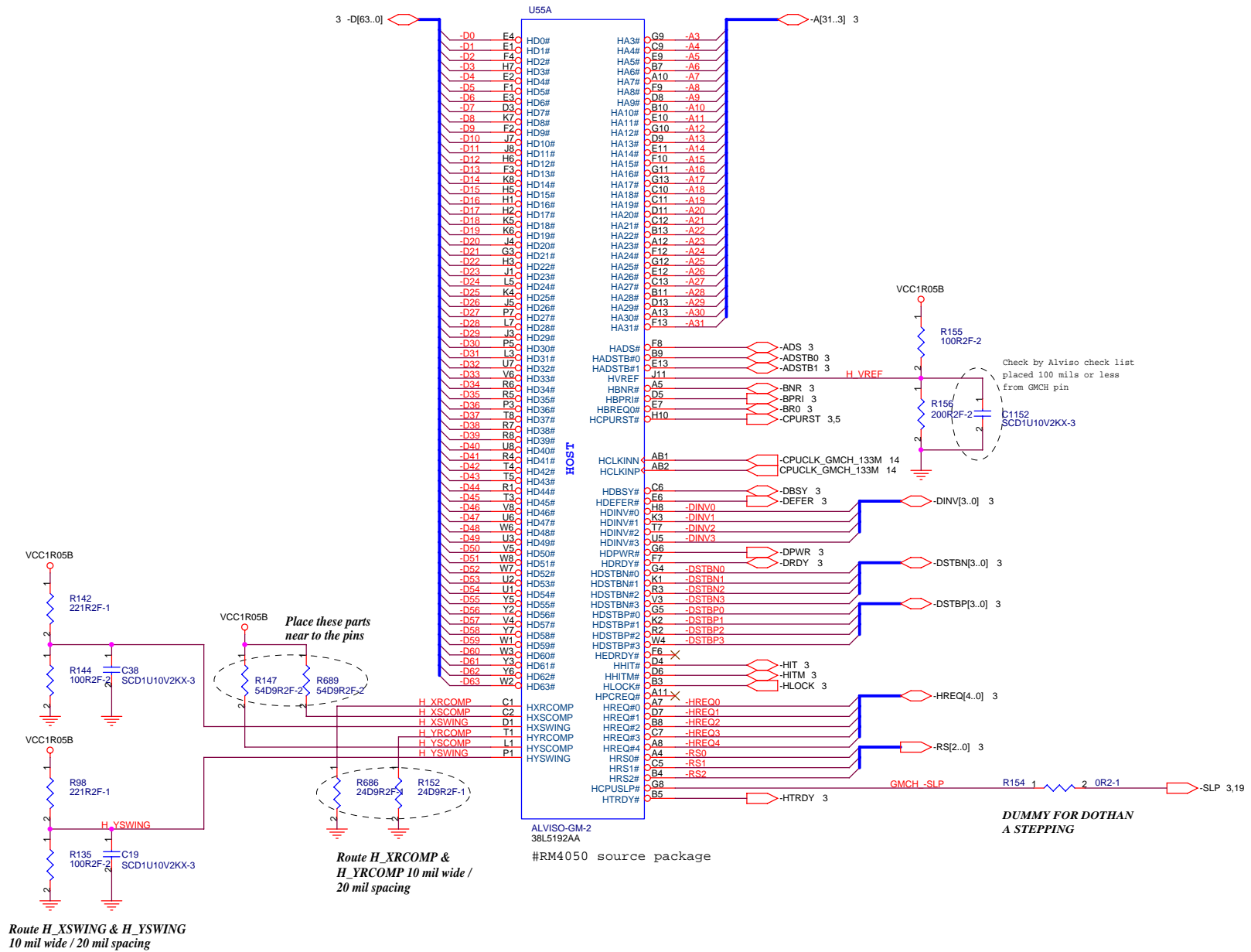

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Title **ITP CCONNECTOR**

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Route H\_XSWING & H\_YSWING  
10 mil wide / 20 mil spacing

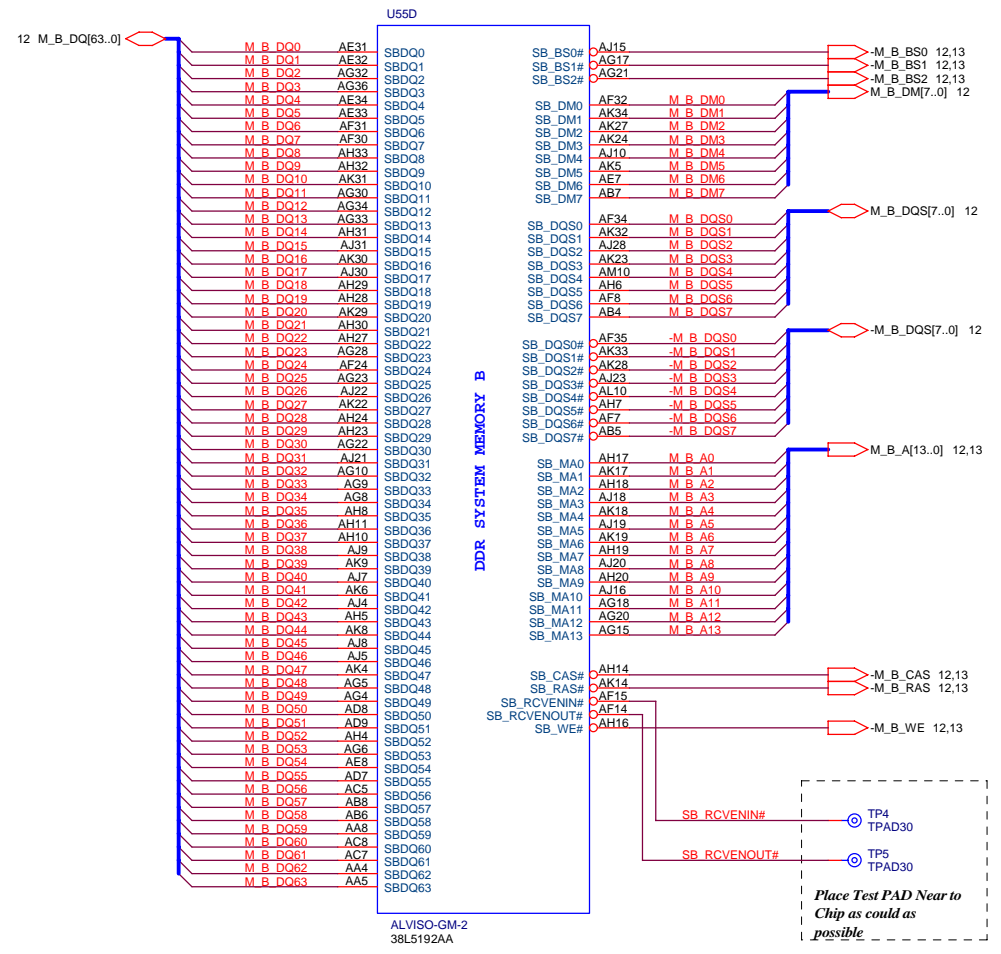
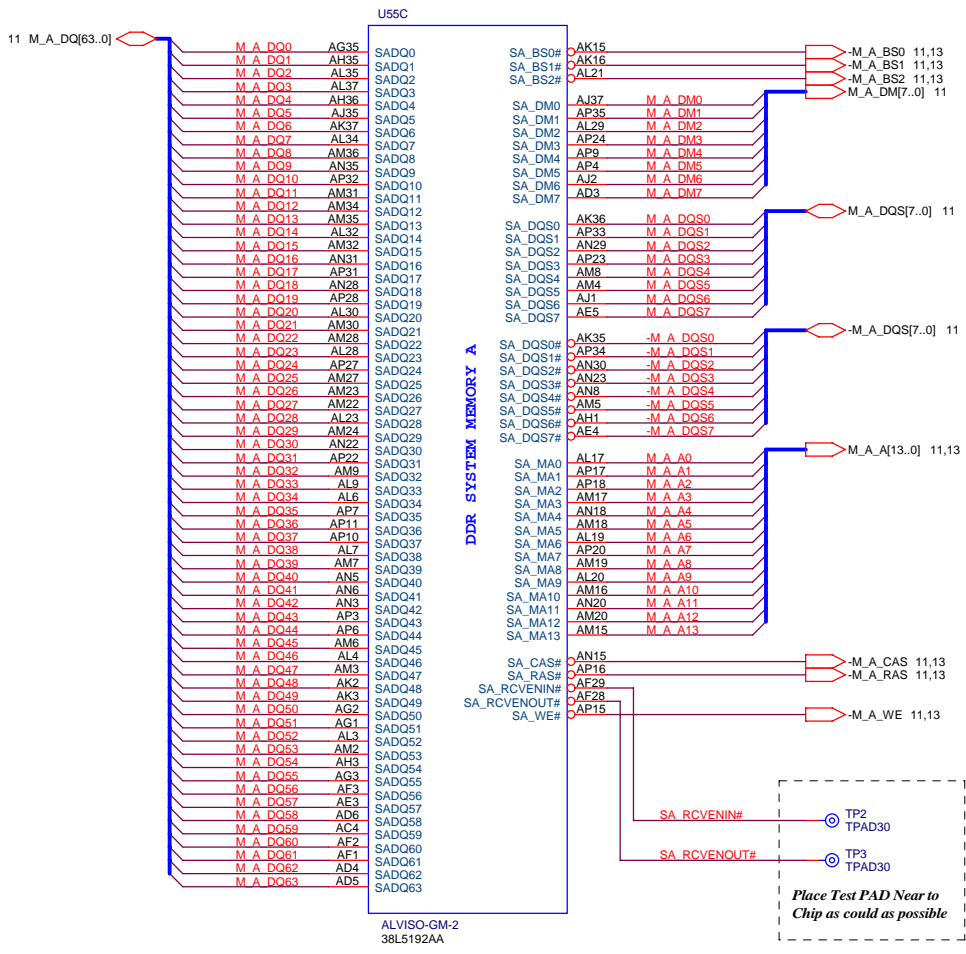
Route H\_XRCOMP &  
H\_YRCOMP 10 mil wide /  
20 mil spacing

Place these parts  
near to the pins

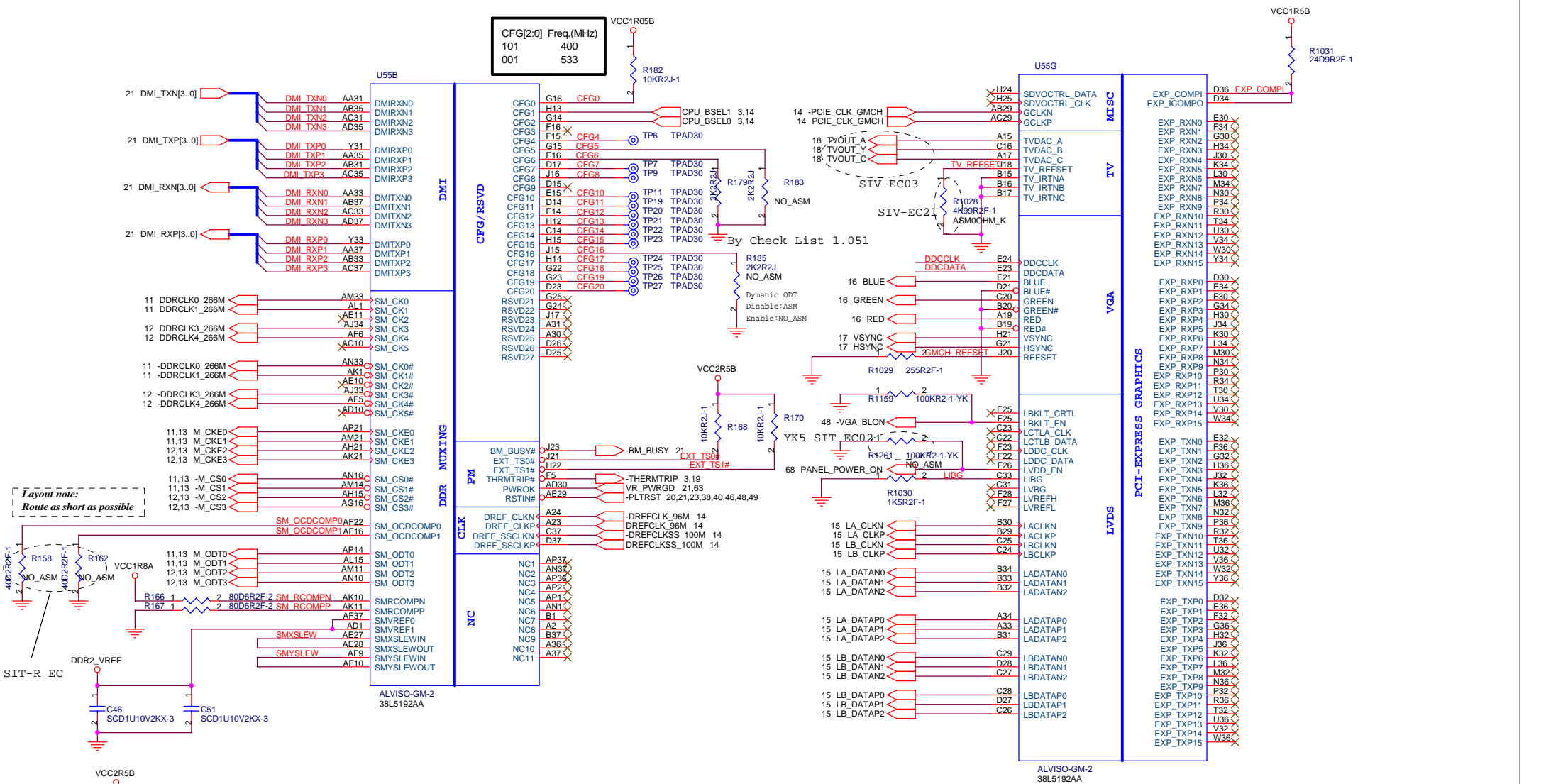
DUMMY FOR DOTHAN  
A STEPPING

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Title		
<b>GMCH (1/5) : HOST I/F</b>		
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Title	
<b>GMCH (2/5) : MEMORY</b>	
Size	Document Number
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	Y-NOTE	K-NOTE
R183	NO_ASM	NO_ASM
R185	NO_ASM	NO_ASM
R1028	4K99R	0R2

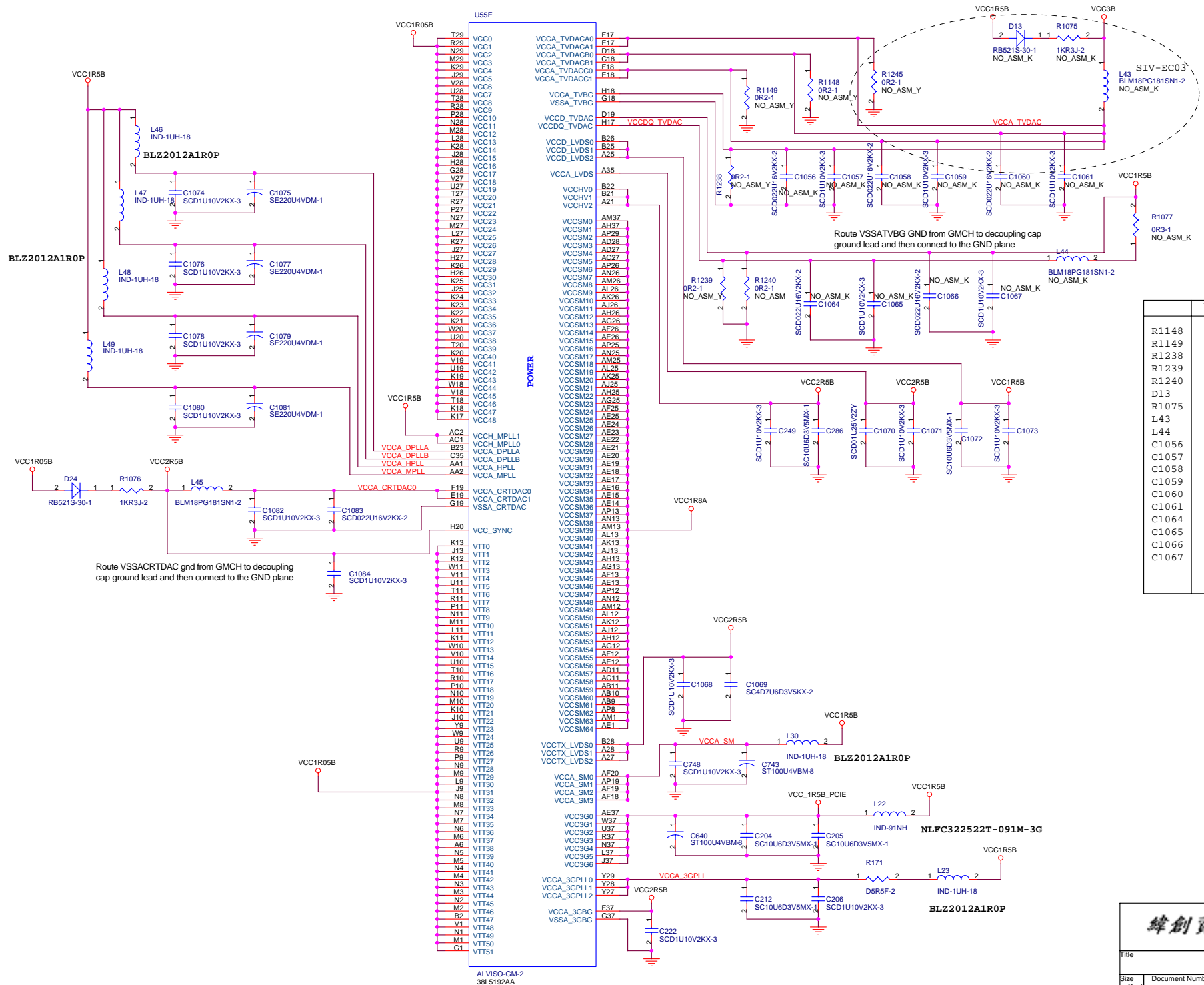
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Title: **GMCH(3/5) : VIDEO**

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	Y-NOTE	K-NOTE
R1148	NO_ASM	ASM
R1149	NO_ASM	ASM
R1238	NO_ASM	ASM
R1239	NO_ASM	ASM
R1240	NO_ASM	ASM
D13	ASM	NO_ASM
R1075	ASM	NO_ASM
L43	ASM	NO_ASM
L44	ASM	NO_ASM
C1056	ASM	NO_ASM
C1057	ASM	NO_ASM
C1058	ASM	NO_ASM
C1059	ASM	NO_ASM
C1060	ASM	NO_ASM
C1061	ASM	NO_ASM
C1064	ASM	NO_ASM
C1065	ASM	NO_ASM
C1066	ASM	NO_ASM
C1067	ASM	NO_ASM

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Title: **GMCH (4/5) : Power**

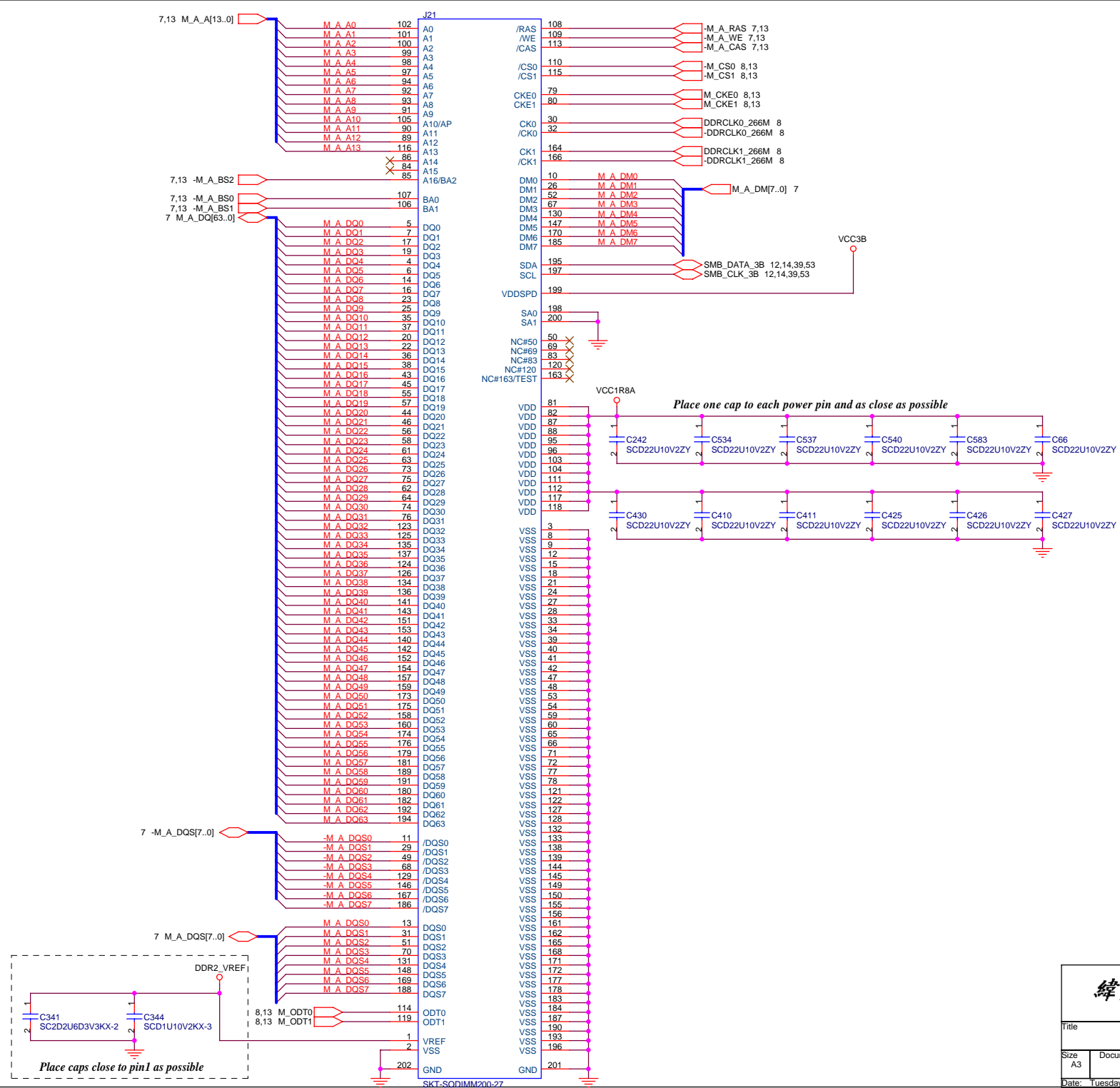
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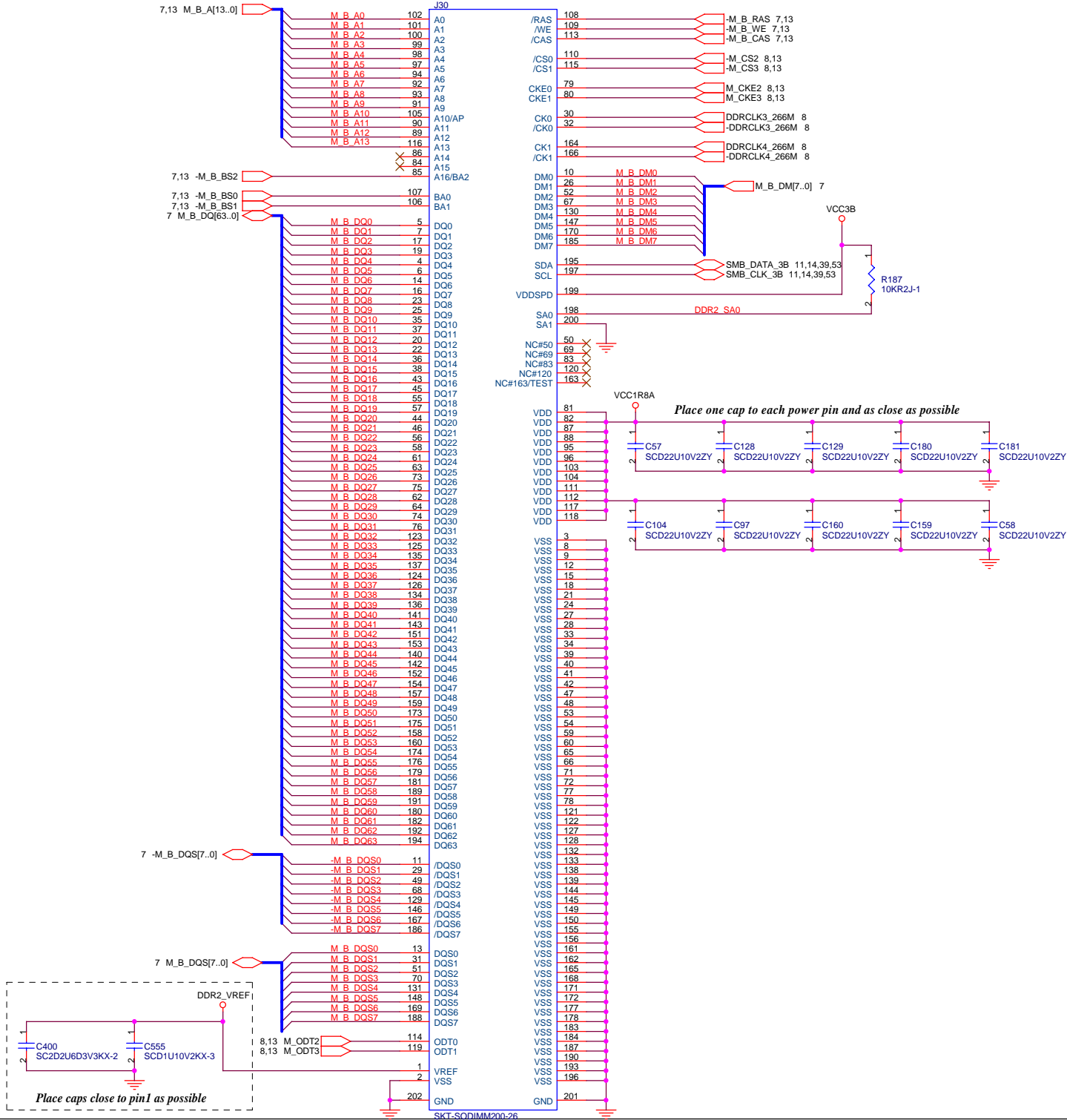
U55F

ALVISO-GM-2  
38L5192AA

VSS267	AL24
VSS266	AN24
VSS265	E26
VSS264	G26
VSS263	J26
VSS262	B27
VSS261	E27
VSS129	G27
VSS128	W27
VSS126	AA27
VSS125	AB27
VSS124	AC27
VSS123	AD27
VSS122	AE27
VSS121	AF27
VSS120	AG27
VSS119	AN28
VSS118	E28
VSS117	W28
VSS116	AA28
VSS115	AB28
VSS114	AC28
VSS113	AD28
VSS112	E29
VSS111	G29
VSS110	H29
VSS109	L29
VSS107	P29
VSS106	V29
VSS105	W29
VSS103	Y29
VSS102	AA29
VSS101	AG29
VSS99	AM29
VSS98	C30
VSS97	AD30
VSS96	AA30
VSS95	AB30
VSS94	AC30
VSS93	AD30
VSS91	D31
VSS90	E31
VSS89	C31
VSS88	H31
VSS87	J31
VSS86	L31
VSS85	M31
VSS84	N31
VSS83	O31
VSS82	P31
VSS81	Q31
VSS80	R31
VSS79	T31
VSS78	U31
VSS77	W31
VSS76	W31
VSS75	AD31
VSS74	AG31
VSS73	AL31
VSS72	A32
VSS71	Y32
VSS70	AA32
VSS69	AB32
VSS68	AC32
VSS67	AD32
VSS66	AE32
VSS65	AF32
VSS64	AG32
VSS63	H33
VSS62	E33
VSS61	F33
VSS60	G33
VSS59	H33
VSS57	J33
VSS56	L33
VSS55	M33
VSS54	P33
VSS53	R33
VSS51	T33
VSS50	U33
VSS49	V33
VSS48	W33
VSS47	AD33
VSS46	AE33
VSS45	AF33
VSS44	AG33
VSS43	H34
VSS42	I34
VSS41	J34
VSS40	K34
VSS39	L34
VSS38	M34
VSS37	N34
VSS36	O34
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VSS28	W34
VSS27	AD34
VSS26	AE34
VSS25	AF34
VSS24	AG34
VSS23	H35
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VSS16	O35
VSS15	P35
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VSS13	R35
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VSS11	U35
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VSS09	W35
VSS08	W35
VSS07	AD35
VSS06	AE35
VSS05	AF35
VSS04	AG35
VSS03	H36
VSS02	I36
VSS01	J36
VSS00	K36
VSS99	L36
VSS98	M36
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VSS94	Q36
VSS93	R36
VSS92	T36
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VSS90	V36
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VSS83	H37
VSS82	I37
VSS81	J37
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VSS78	M37
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VSS76	O37
VSS75	P37
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VSS71	U37
VSS70	V37
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VSS56	O38
VSS55	P38
VSS54	Q38
VSS53	R38
VSS52	T38
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VSS50	V38
VSS49	W38
VSS48	W38
VSS47	AD38
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VSS45	AF38
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VSS42	I39
VSS41	J39
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VSS64	AG52
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VSS62	I53
VSS61	J53
VSS60	K53
VSS59	L53
VSS58	M53
VSS57	N53
VSS56	O53
VSS55	P53
VSS54	Q53
VSS53	R53
VSS52	T53
VSS51	U53
VSS50	V53
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VSS46	AE53
VSS45	AF53
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VSS36	O54
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VSS34	Q54
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VSS24	AG54
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VSS16	O55
VSS15	P55
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VSS13	R55
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VSS09	W55
VSS08	W55
VSS07	AD55
VSS06	AE55
VSS05	AF55
VSS04	AG55
VSS03	H56
VSS02	I56
VSS01	J56
VSS00	K56
VSS99	L56
VSS98	M56
VSS97	N56
VSS96	O56
VSS95	P56
VSS94	Q56
VSS93	R56
VSS92	T56
VSS91	U56
VSS90	V56
VSS89	W56
VSS88	W56
VSS87	AD56
VSS86	AE56
VSS85	AF56
VSS84	AG56
VSS83	H57
VSS82	I57
VSS81	J57
VSS80	K57
VSS79	L57
VSS78	M57
VSS77	N57
VSS76	O57
VSS75	P57
VSS74	Q57
VSS73	R57
VSS72	T57
VSS71	U57
VSS70	V57
VSS69	W57
VSS68	W57
VSS67	AD57
VSS66	AE57
VSS65	AF57
VSS64	AG57
VSS63	H58
VSS62	I58
VSS61	J58
VSS60	K58
VSS59	L58
VSS58	M58
VSS57	N58
VSS56	O58
VSS55	P58
VSS54	Q58
VSS53	R58
VSS52	T58
VSS51	U58
VSS50	V58
VSS49	W58
VSS48	W58
VSS47	AD58
VSS46	AE58
VSS45	AF58
VSS44	AG58
VSS43	H59
VSS42	I59
VSS41	J59
VSS40	K59
VSS39	L59
VSS38	M59
VSS37	N59
VSS36	O59
VSS35	P59
VSS34	Q59
VSS33	R59
VSS32	T59
VSS31	U59
V	

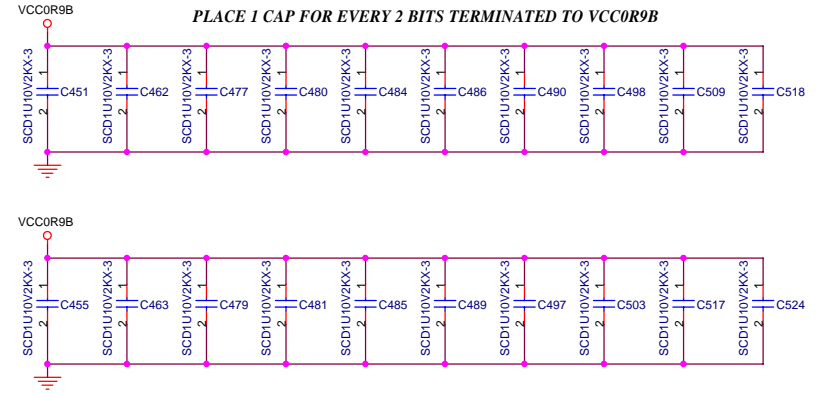
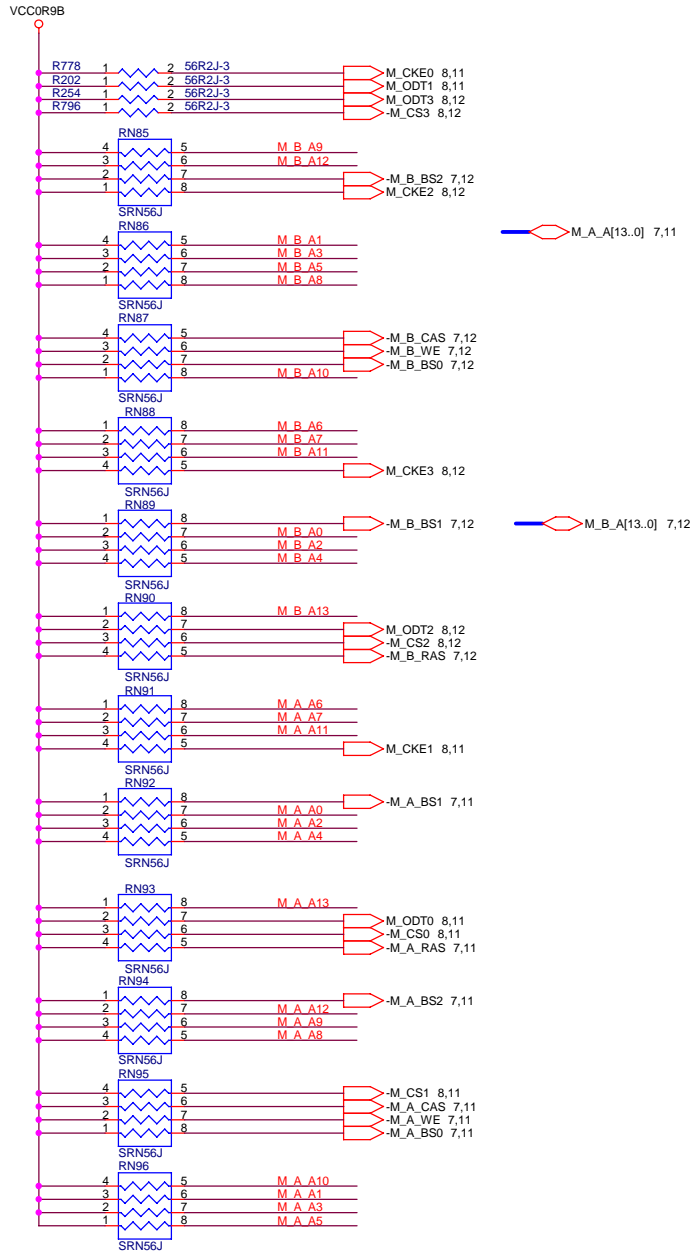


<b>緯創資通 Wistron Corporation</b>	
21F, 88, Sec.1, Hsin Tai Wu Rd., Hsichih, Taipei Hsien 221, Taiwan, R.O.C.	
Title <b>DDR-2 SO-DIMM A</b>	
Size A3	Document Number <b>Y Note-5</b>
Date: Tuesday, December 28, 2004	Sheet 11 of 71



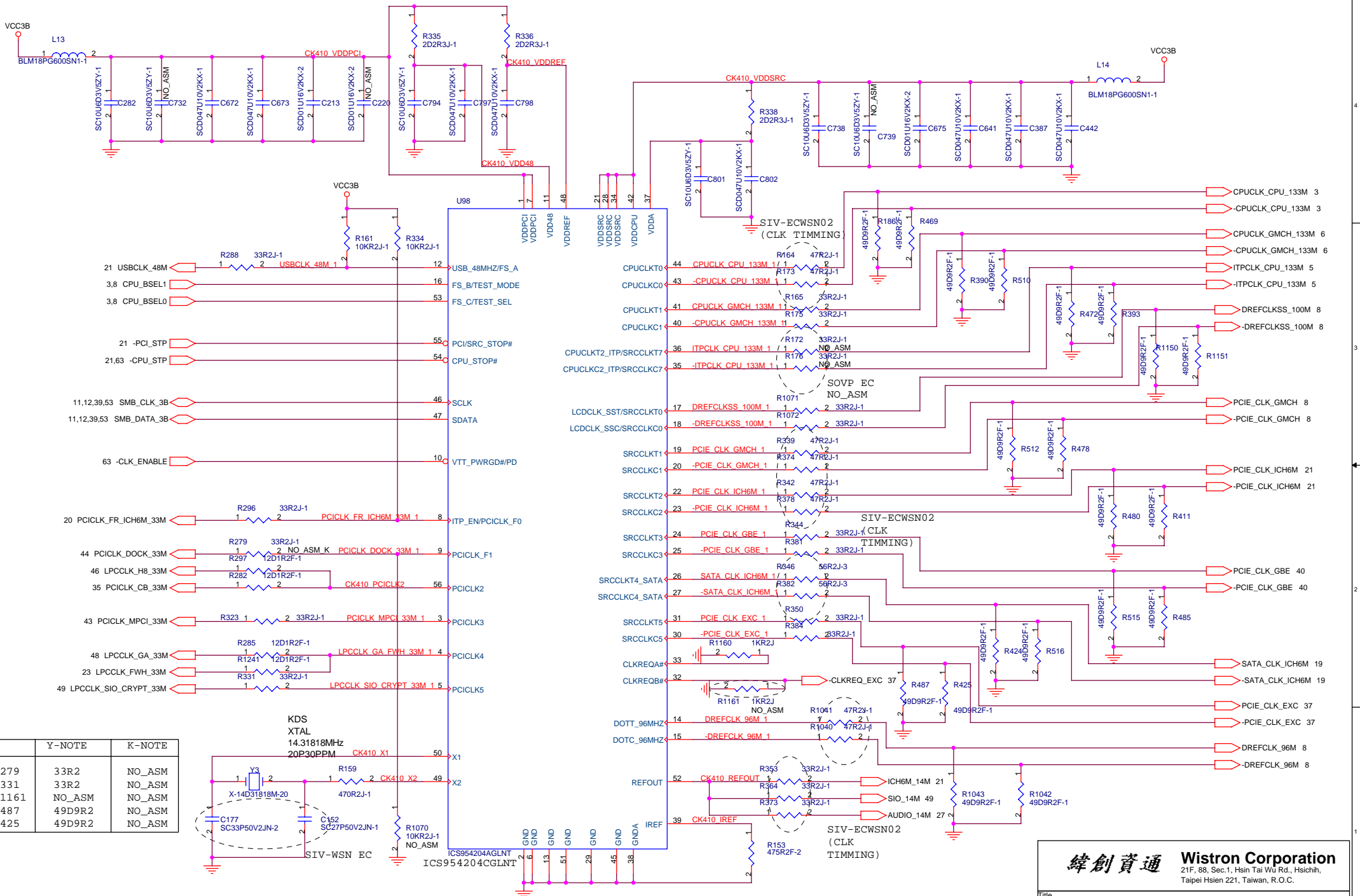
<b>緯創資通</b>		<b>Wistron Corporation</b>	
21F, 88, Sec.1, Hsin Tai Wu Rd., Hsichih, Taipei Hsien 221, Taiwan, R.O.C.			
Title			
<b>DDR-2 SO-DIMM B</b>			
Size	Document Number	Rev	
A3	<b>Y Note-5</b>	-2	
Date:	Tuesday, December 28, 2004	Sheet	12 of 71

# PARALLEL TERMINATION

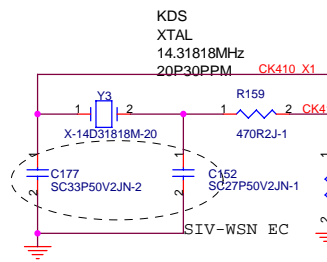


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 Taipei Hsien 221, Taiwan, R.O.C.

Title		
DDR-2 TERMINATION		
Size	Document Number	Rev
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	Y-NOTE	K-NOTE
R279	33R2	NO_ASM
R331	33R2	NO_ASM
R1161	NO_ASM	NO_ASM
R487	49D9R2	NO_ASM
R425	49D9R2	NO_ASM



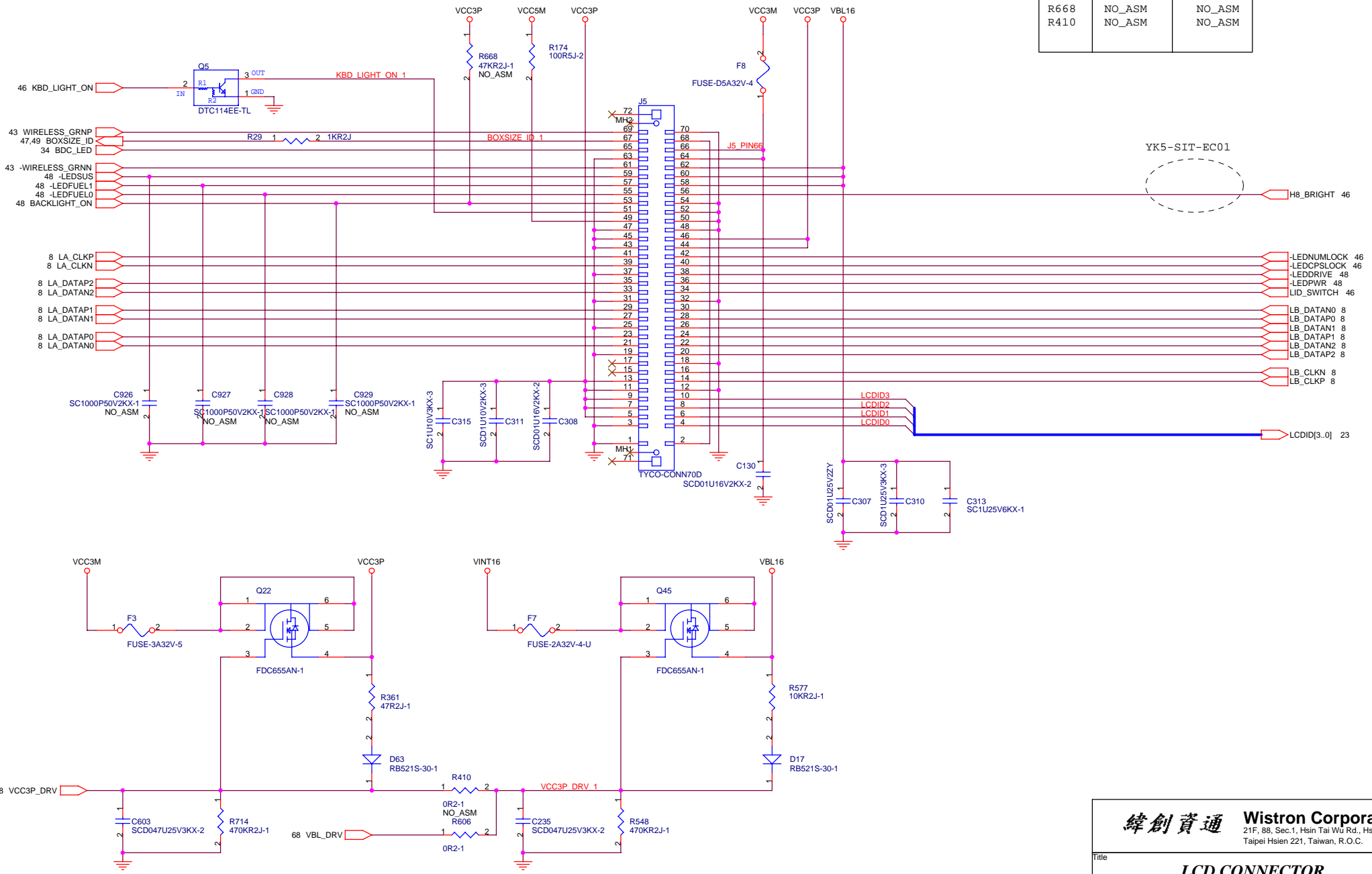
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Taipei Hsien 221, Taiwan, R.O.C.

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Title: **CLOCK GENERATOR**

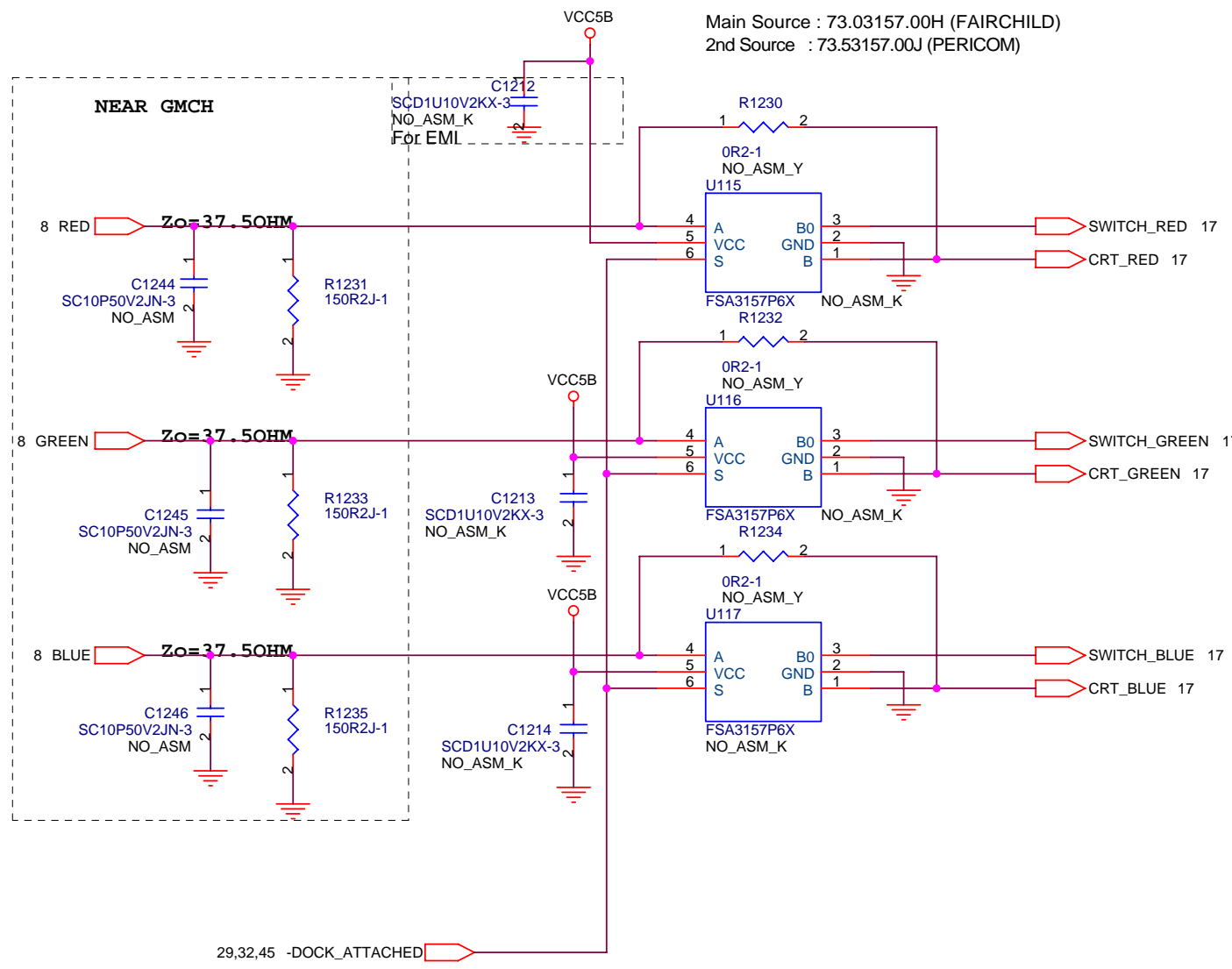
Size: A3	Document Number: <b>Y Note-5</b>	Rev: -2
Date: Wednesday, December 29, 2004		Sheet: 14 of 71

	Y-NOTE	K-NOTE
C926	NO_ASM	NO_ASM
C927	NO_ASM	NO_ASM
C928	NO_ASM	NO_ASM
C929	NO_ASM	NO_ASM
R668	NO_ASM	NO_ASM
R410	NO_ASM	NO_ASM

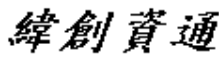


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Title <b>LCD CONNECTOR</b>		
Size A3	Document Number <b>Y Note-5</b>	Rev -2
Date: Tuesday, December 28, 2004 Sheet 15 of 71		



	Y-NOTE	K-NOTE
R1230	NO_ASM	0R2
R1232	NO_ASM	0R2
R1234	NO_ASM	0R2
U115	ASM	NO_ASM
U116	ASM	NO_ASM
U117	ASM	NO_ASM
C1212	ASM	NO_ASM
C1213	ASM	NO_ASM
C1214	ASM	NO_ASM


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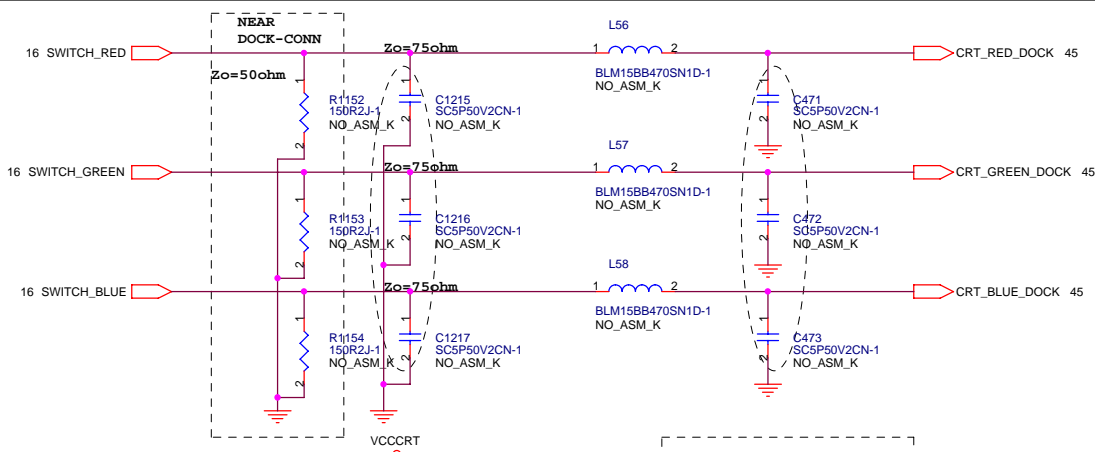
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Title: **CRT SWITCH**

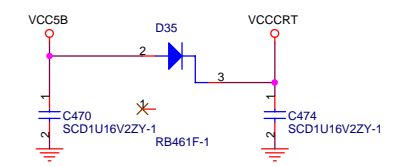
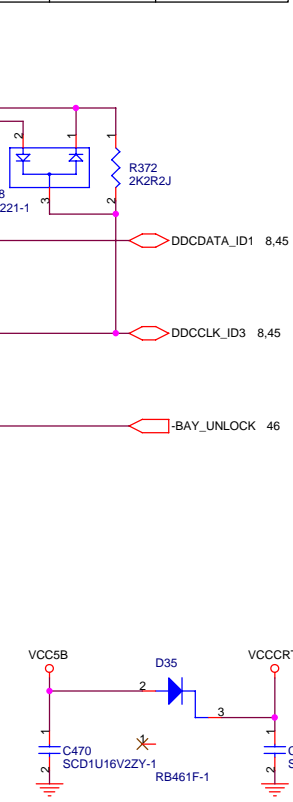
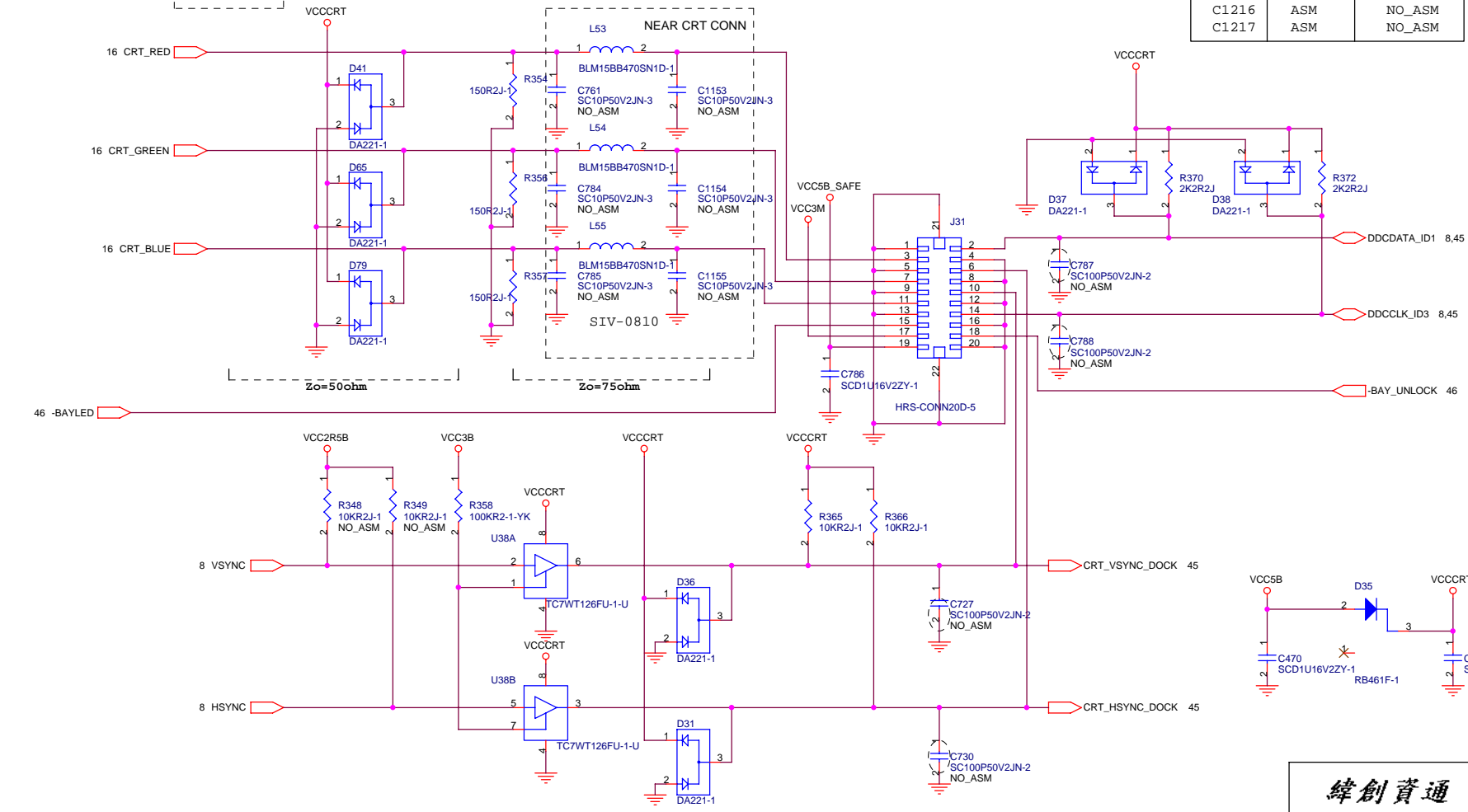
Size: A4	Document Number: <b>Y Note-5</b>	Rev: -2
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	Y-NOTE	K-NOTE
C787	NO_ASM	NO_ASM
C788	NO_ASM	NO_ASM
C727	NO_ASM	NO_ASM
C730	NO_ASM	NO_ASM
R348	NO_ASM	NO_ASM
R349	NO_ASM	NO_ASM
C471	ASM	NO_ASM
C472	ASM	NO_ASM
C473	ASM	NO_ASM
L56	ASM	NO_ASM
L57	ASM	NO_ASM
L58	ASM	NO_ASM
R1152	ASM	NO_ASM
R1153	ASM	NO_ASM
R1154	ASM	NO_ASM
C1215	ASM	NO_ASM
C1216	ASM	NO_ASM
C1217	ASM	NO_ASM

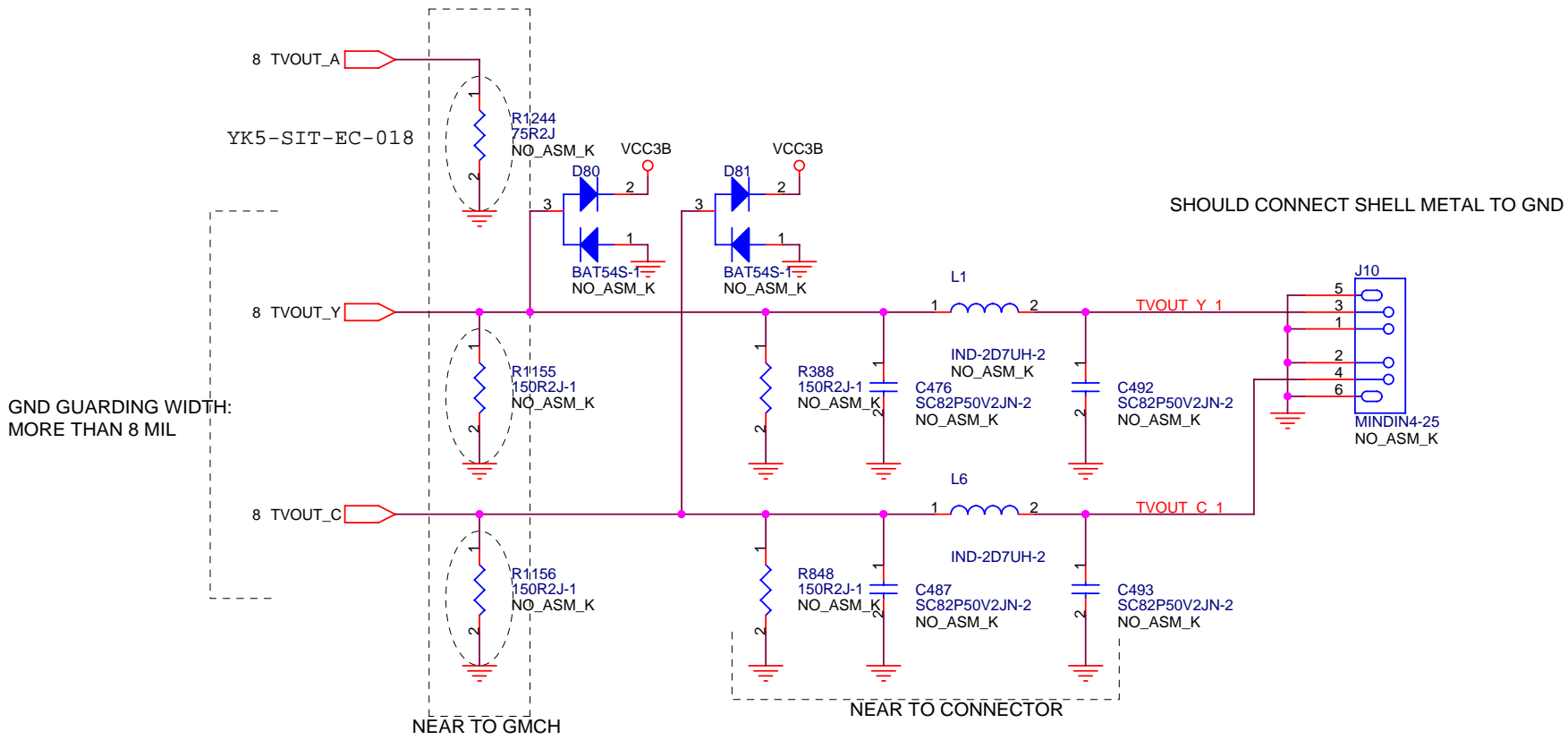


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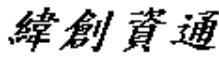
Title: **CRT I/F**

Size: A3 Document Number: **Y Note-5** Rev: -2

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	Y-NOTE	K-NOTE
R1155	150-OHM	NO_ASM
R1156	150-OHM	NO_ASM
R1244	75-OHM	NO_ASM
C492	ASM	NO_ASM
C493	ASM	NO_ASM
C476	ASM	NO_ASM
C487	ASM	NO_ASM
L1	ASM	NO_ASM
L6	ASM	NO_ASM
R388	ASM	NO_ASM
R848	ASM	NO_ASM
D80	ASM	NO_ASM
D81	ASM	NO_ASM
J10	ASM	NO_ASM


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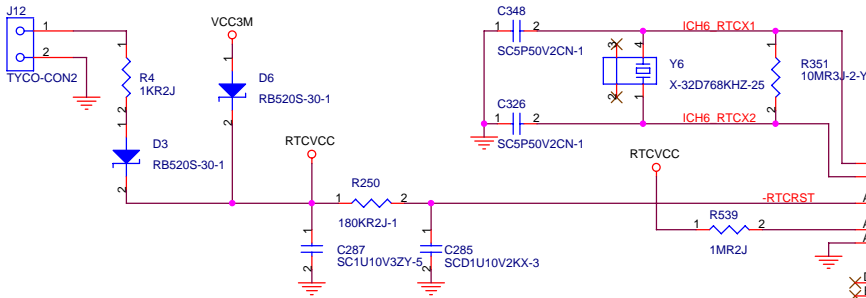
Title **TV OUT**

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Size A4	Document Number <b>Y Note-5</b>	Rev -2
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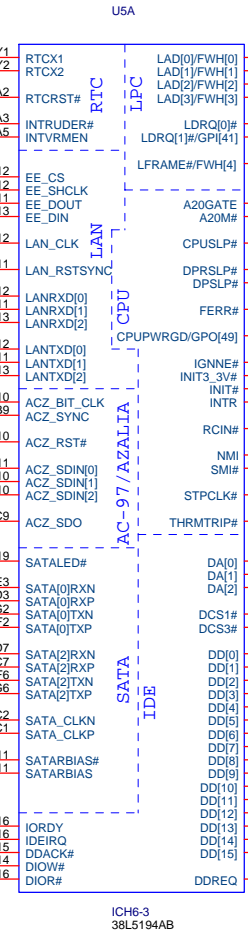
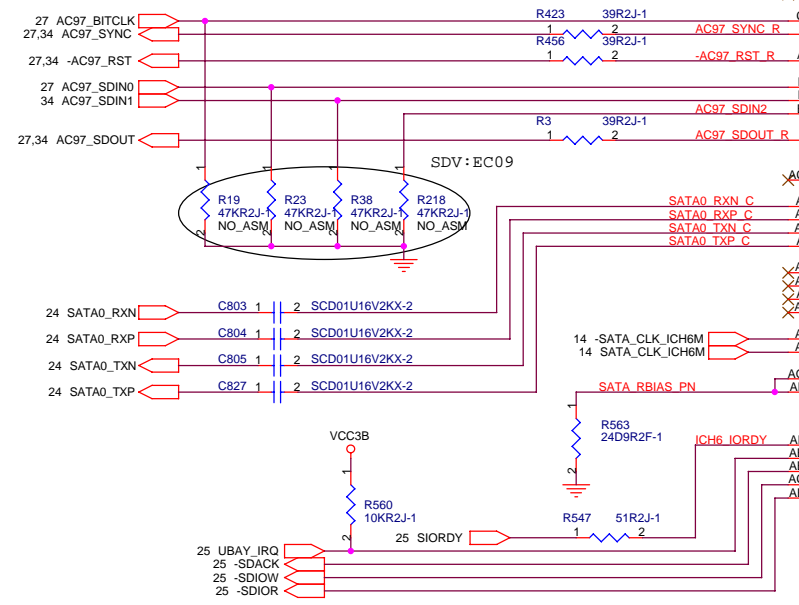
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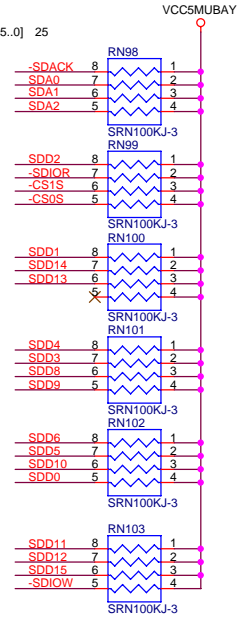
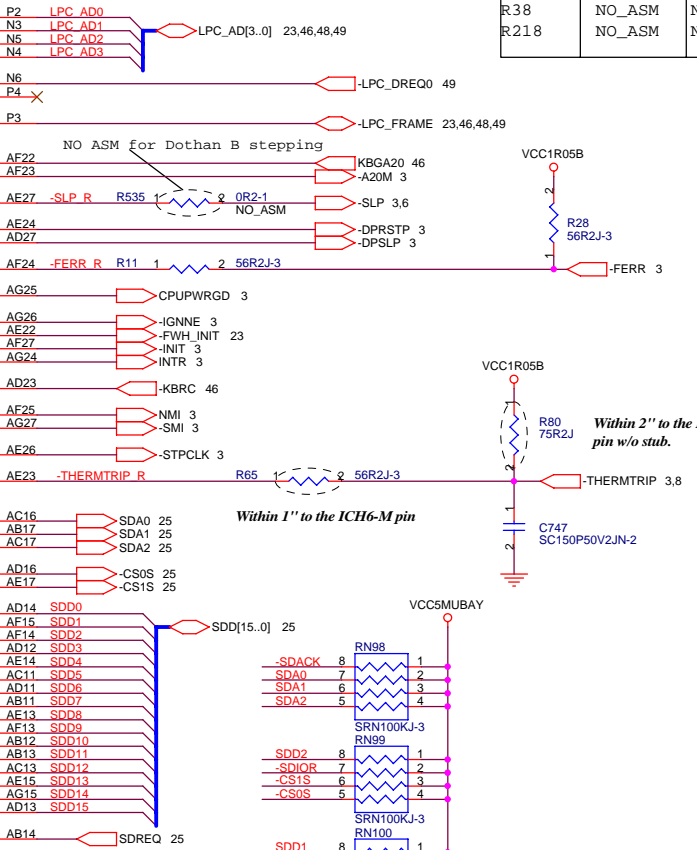


	Y-note	K-note
R535	NO_ASM	NO_ASM
R19	NO_ASM	NO_ASM
R23	NO_ASM	NO_ASM
R38	NO_ASM	NO_ASM
R218	NO_ASM	NO_ASM

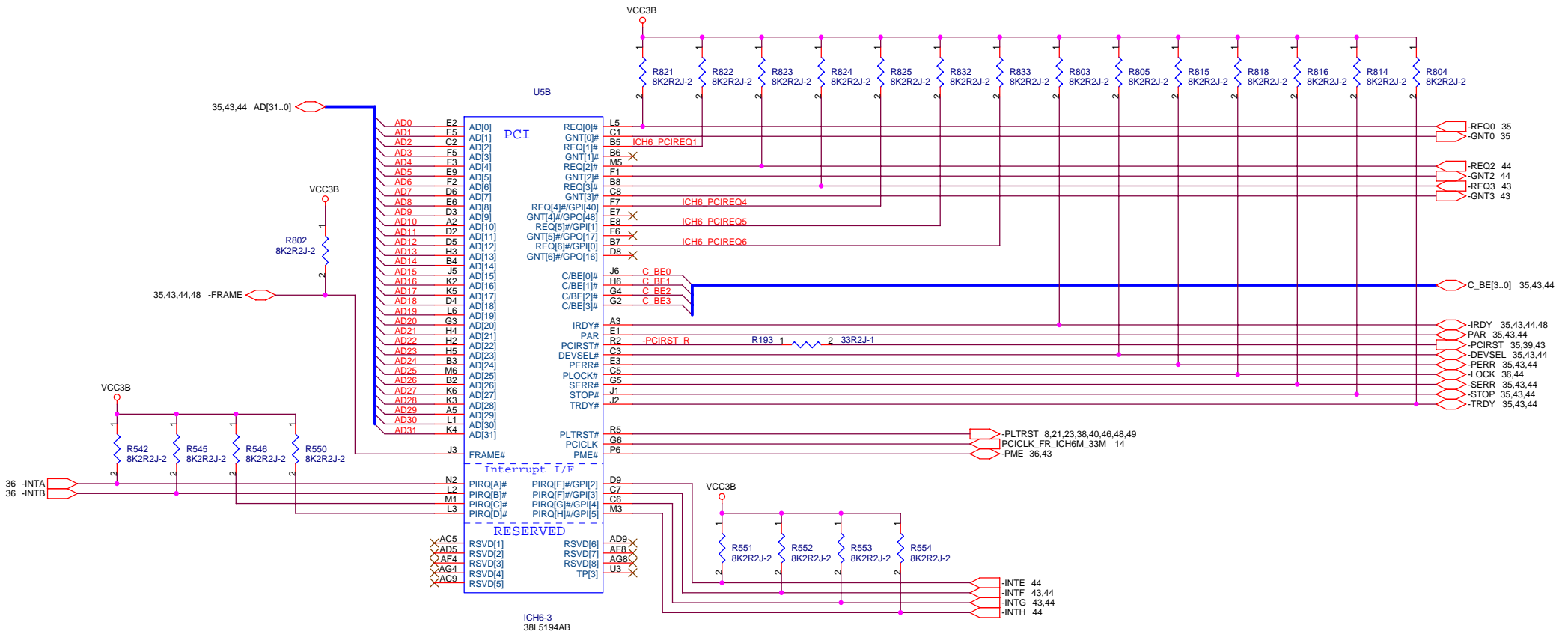
If -AC97\_RST\_R is confirmed static in SDV phase. Please remove R456 Dumper and connect directly to A10 (ACZ\_RST#)

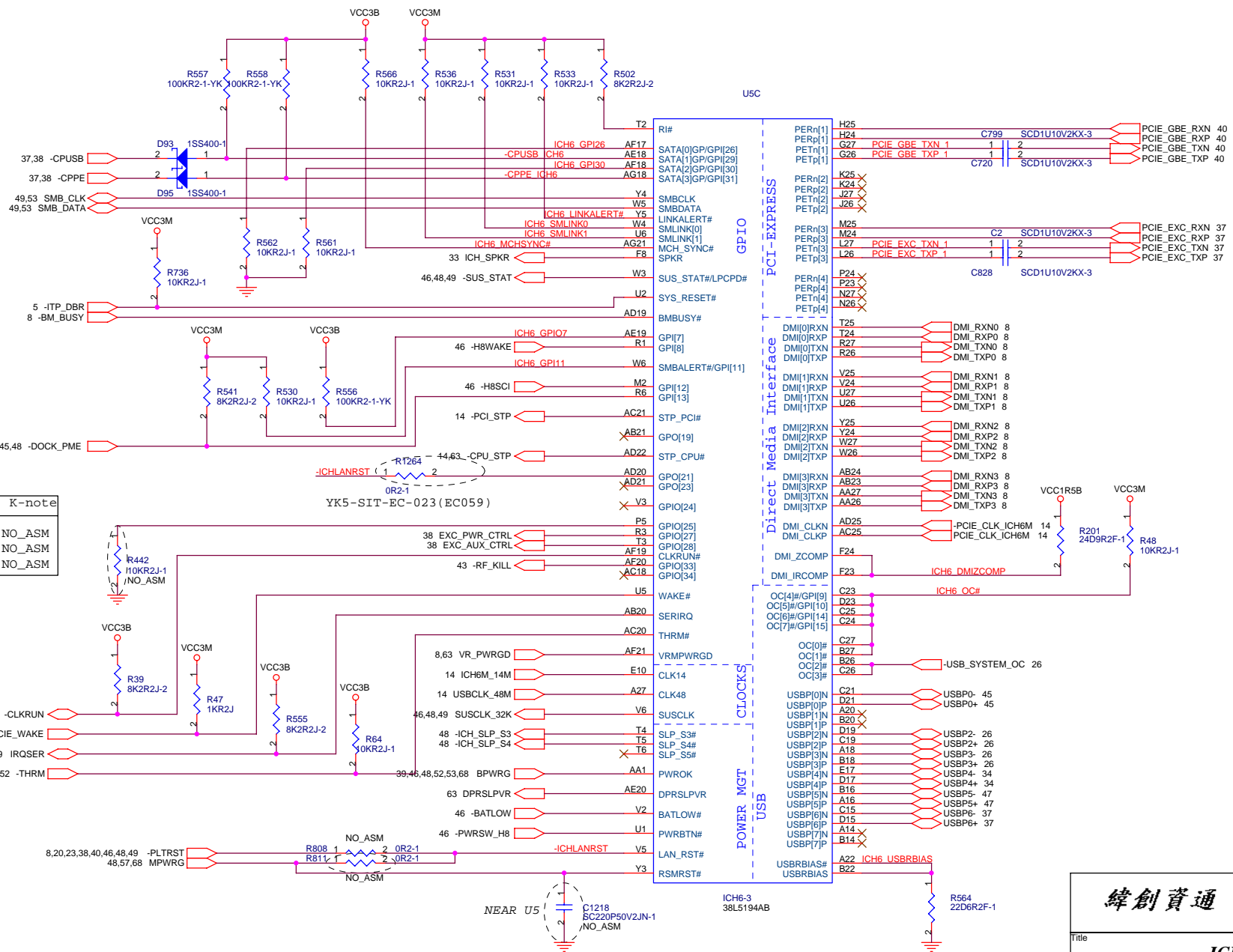


ICH6-3  
38L5194AB  
38L5194AA FW82801FBM, SL\_\_\_ Rev:C-0  
38L5194AB (#RM4106) ICH6 rev.B2  
source package:#RM4011



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	Y-note	K-note
R442	NO_ASM	NO_ASM
R811	NO_ASM	NO_ASM
C1218	NO_ASM	NO_ASM

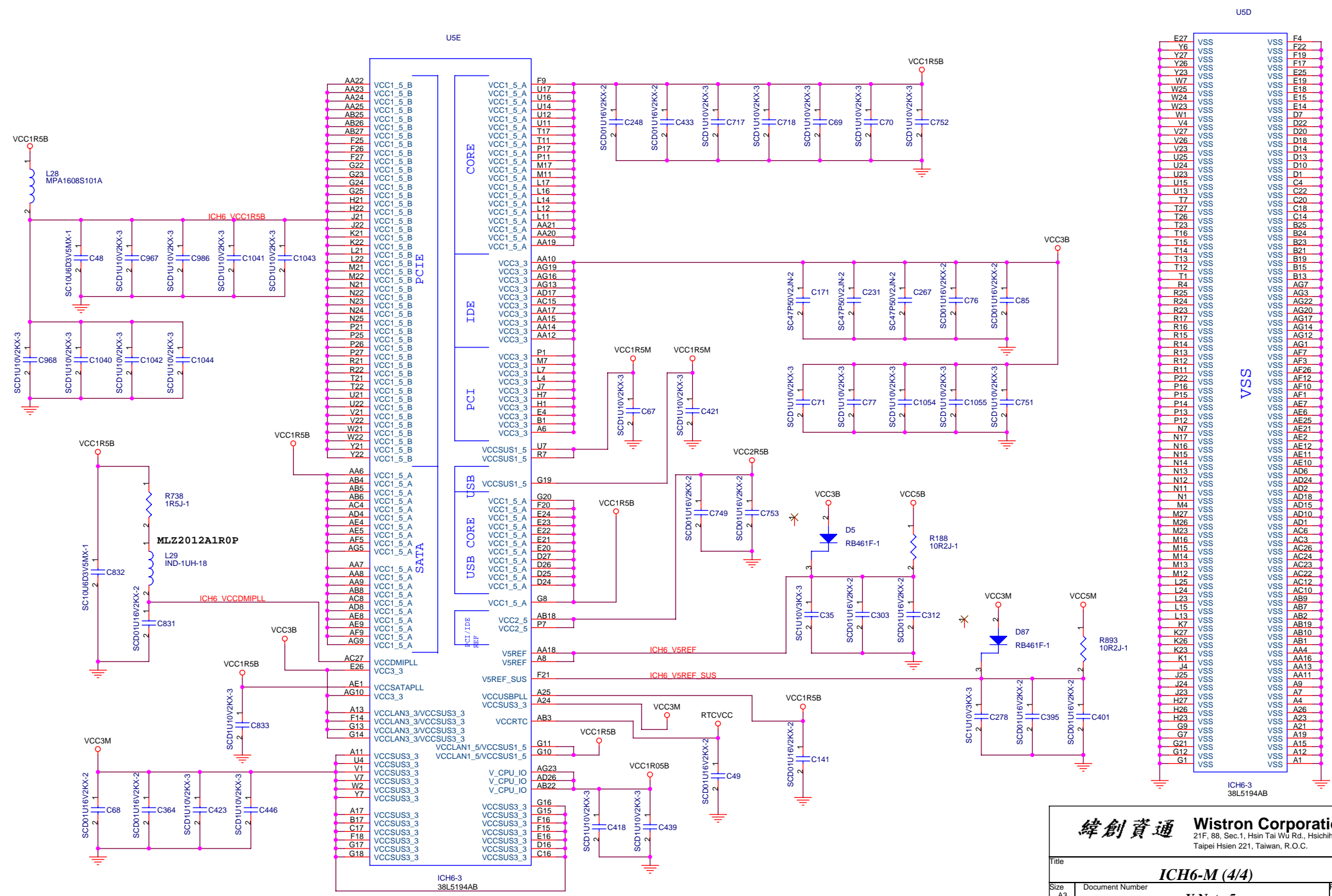
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Title: **ICH6-M (3/4)**

Size: A3 Document Number: **Y Note-5** Rev: -2

Date: Tuesday, December 28, 2004 Sheet 21 of 71



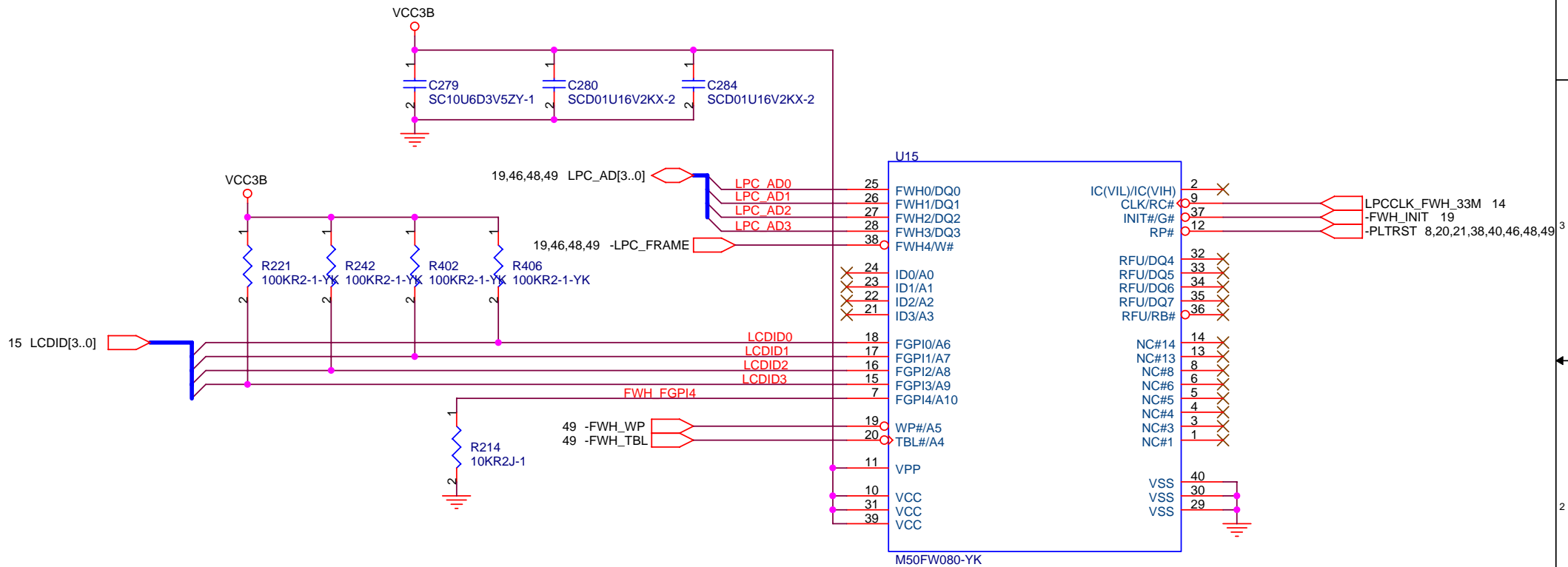
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---

Title: **ICH6-M (4/4)**

Size A3 Document Number **Y Note-5** Rev -2

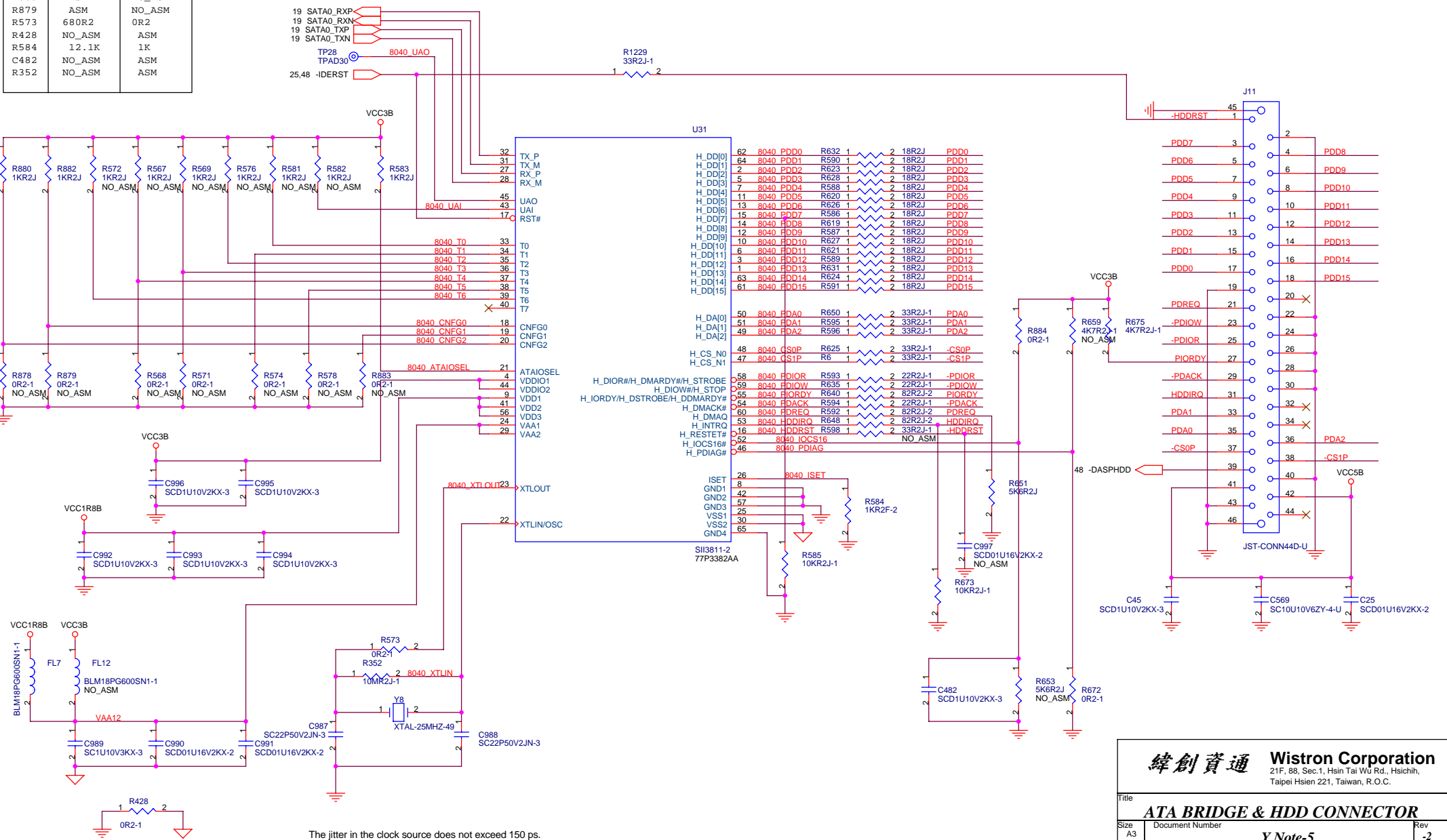
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STMicro M50FW080K1 : 38L4888BA  
 SST 49LF008 : 38L4888AA  
 Atmel : 38L4888CB

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<b>Title</b>			
<b>FWH</b>			
Size A4	Document Number		Rev -2
		<b>Y Note-5</b>	
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	88SA8040	SIL3811
U31	88SA8040	SIL3811
R569	ASM	NO_ASM
R572	ASM	NO_ASM
R880	NO_ASM	ASM
R882	NO_ASM	ASM
R884	NO_ASM	ASM
FL7	NO_ASM	ASM
FL12	ASM	NO_ASM
R578	ASM	NO_ASM
R878	ASM	NO_ASM
R883	ASM	NO_ASM
R879	ASM	NO_ASM
R573	680R2	0R2
R428	NO_ASM	ASM
R584	12.1K	1K
C482	NO_ASM	ASM
R352	NO_ASM	ASM

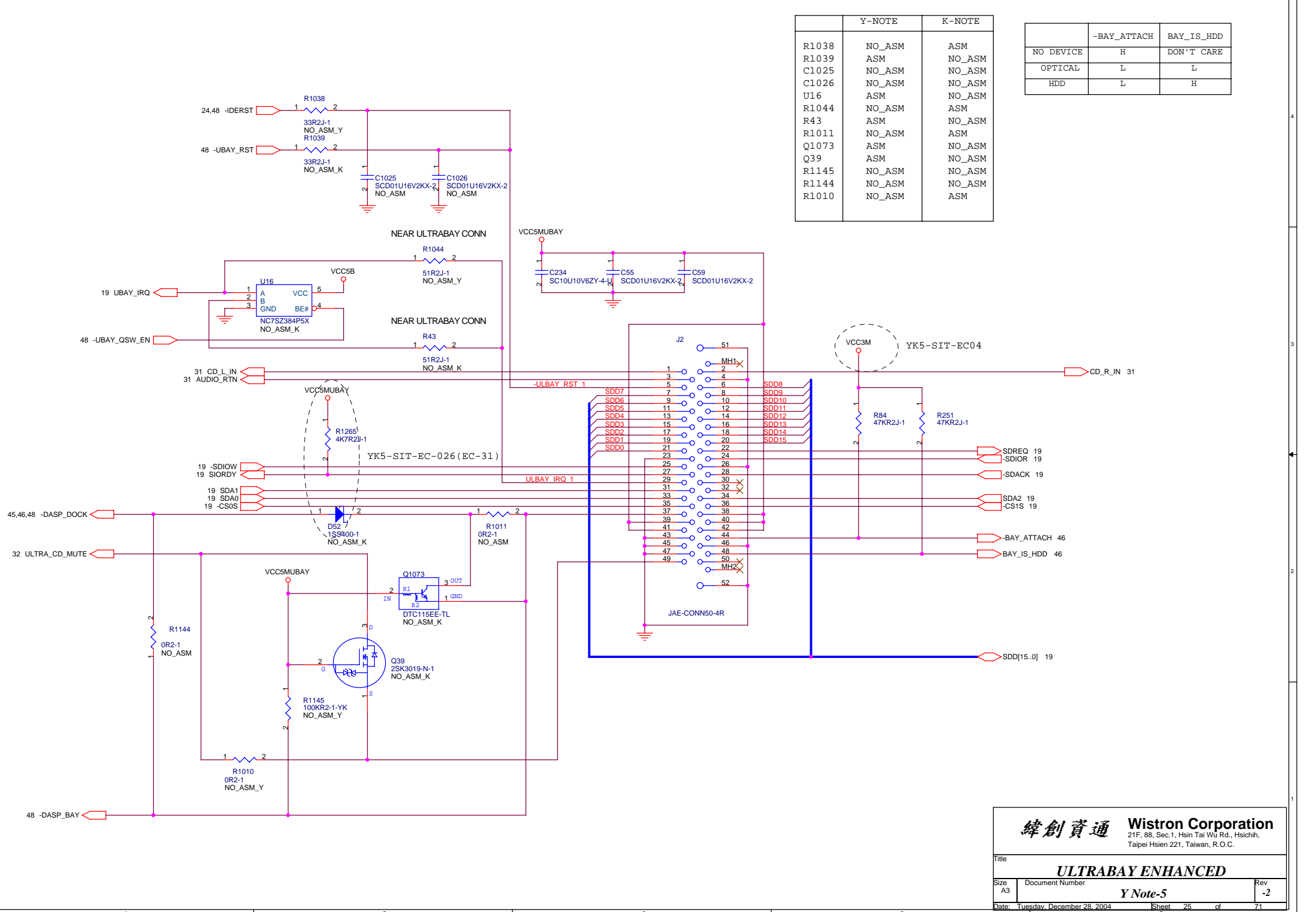


The jitter in the clock source does not exceed 150 ps.

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Title <b>ATA BRIDGE &amp; HDD CONNECTOR</b>		
Size A3	Document Number <b>Y Note-5</b>	Rev -2
Date Tuesday, December 28, 2004	Sheet 24	of 71



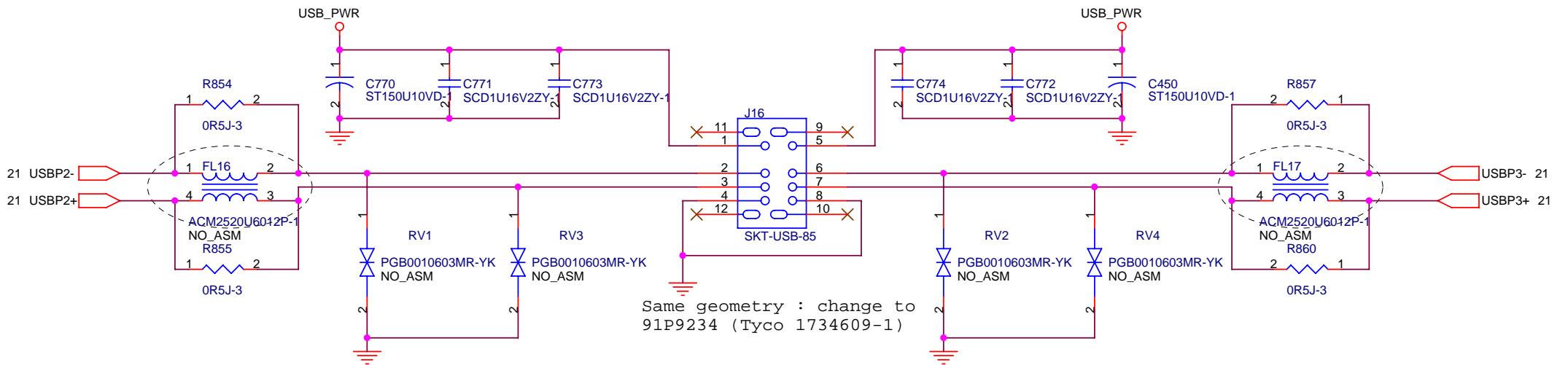
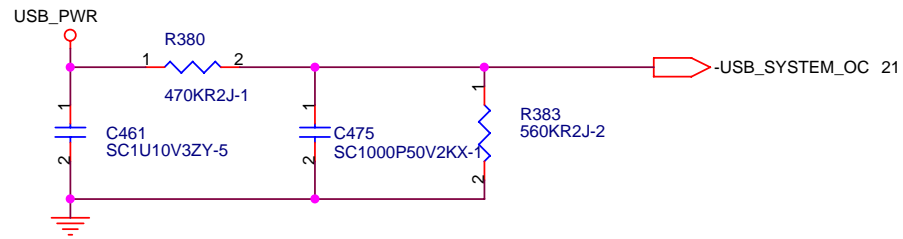


	Y-NOTE	K-NOTE
R1038	NO_ASM	ASM
R1039	ASM	NO_ASM
C1025	NO_ASM	NO_ASM
C1026	NO_ASM	NO_ASM
U16	ASM	NO_ASM
R1044	NO_ASM	ASM
R43	ASM	NO_ASM
R1011	NO_ASM	ASM
Q1073	ASM	NO_ASM
Q39	ASM	NO_ASM
R1145	NO_ASM	NO_ASM
R1144	NO_ASM	NO_ASM
R1010	NO_ASM	ASM

	-BAY_ATTACH	BAY_IS_HDD
NO_DEVICE	H	DON'T CARE
OPTICAL	L	L
HDD	L	H


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Title		
<b>ULTRABAY ENHANCED</b>		
Size	Document Number	Rev
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Same geometry : change to 91P9234 (Tyco 1734609-1)

	Y-NOTE	K-NOTE
FL16	NO_ASM	NO_ASM
RV1	NO_ASM	NO_ASM
RV3	NO_ASM	NO_ASM
RV2	NO_ASM	NO_ASM
RV4	NO_ASM	NO_ASM
FL17	NO_ASM	NO_ASM


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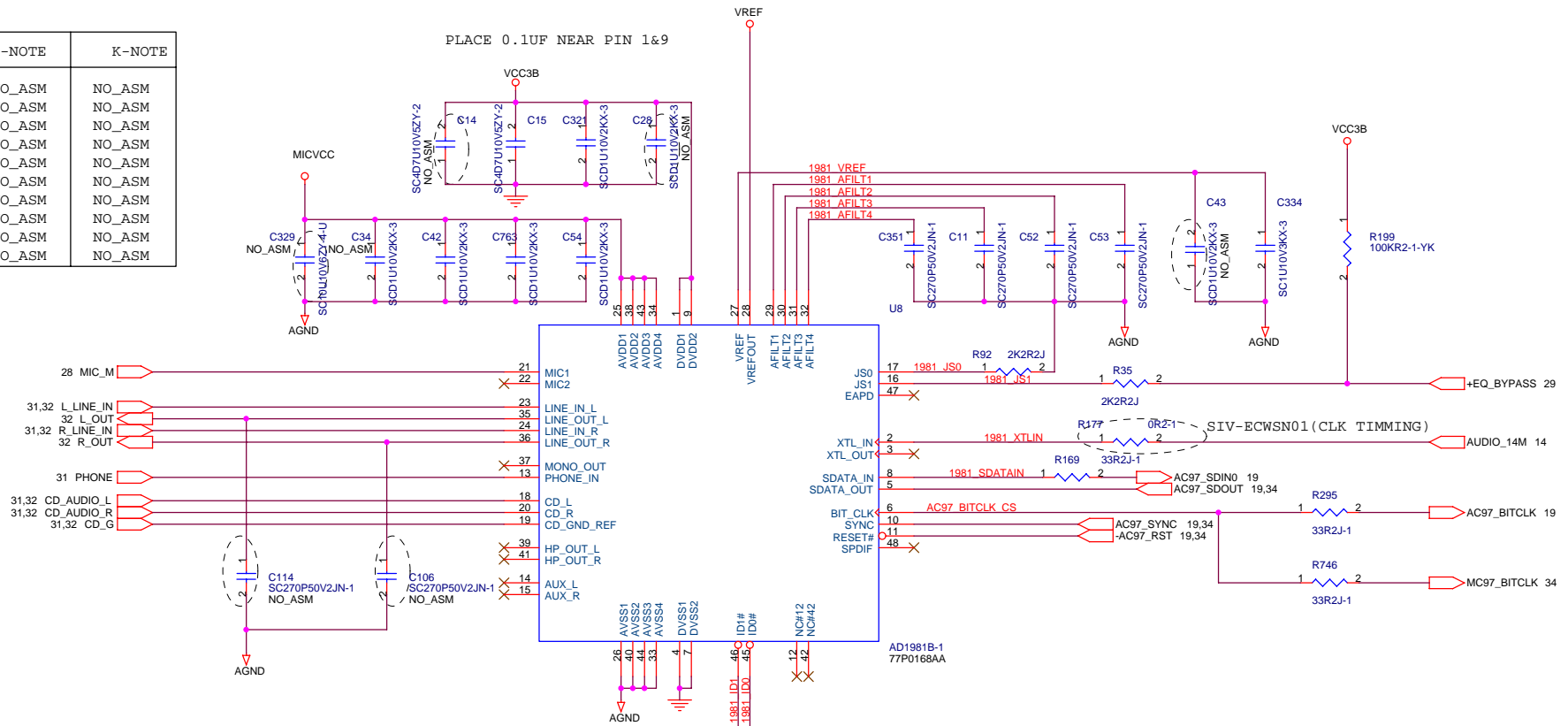
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Title: **USB CONNECTOR**

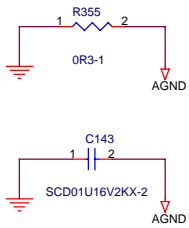
Size A4	Document Number <b>Y Note-5</b>	Rev -2
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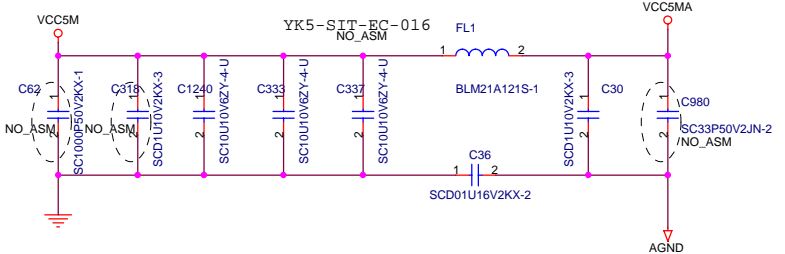
	Y-NOTE	K-NOTE
C329	NO_ASM	NO_ASM
C34	NO_ASM	NO_ASM
C28	NO_ASM	NO_ASM
C14	NO_ASM	NO_ASM
C114	NO_ASM	NO_ASM
C106	NO_ASM	NO_ASM
C980	NO_ASM	NO_ASM
C62	NO_ASM	NO_ASM
C318	NO_ASM	NO_ASM
C43	NO_ASM	NO_ASM



PLACE UNDER AD1981A



## VCC5MA

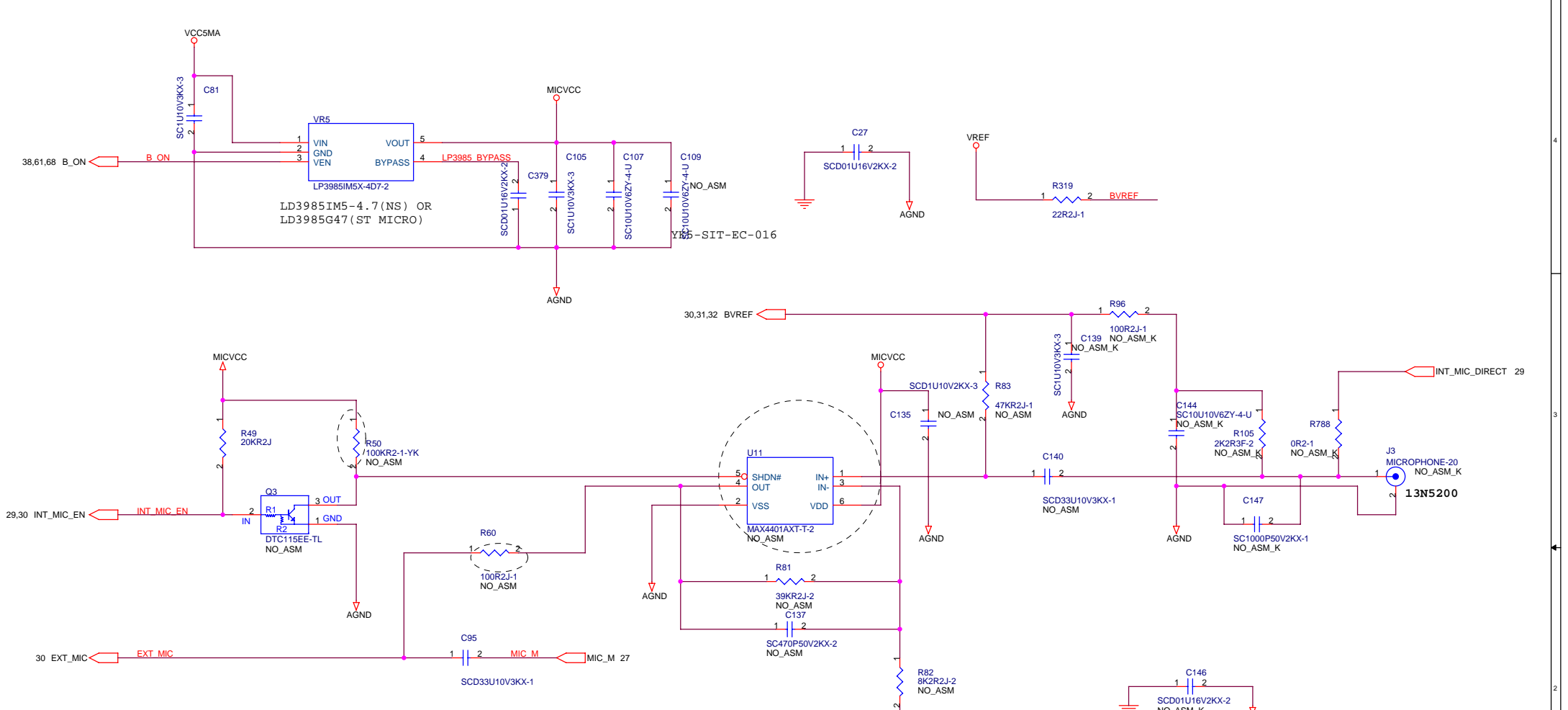


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Taipei Hsien 221, Taiwan, R.O.C.

Title: **AUDIO AD1981B**

Size: A3 | Document Number: **Y Note-5** | Rev: -2

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	Y-NOTE	K-NOTE
R50	NO_ASM	NO_ASM
Q3	NO_ASM	NO_ASM
R60	NO_ASM	NO_ASM
U11	NO_ASM	NO_ASM
R81	NO_ASM	NO_ASM
C137	NO_ASM	NO_ASM
R82	NO_ASM	NO_ASM
C138	NO_ASM	NO_ASM
C140	NO_ASM	NO_ASM
C135	NO_ASM	NO_ASM
C139	ASM	NO_ASM
R96	ASM	NO_ASM
R83	NO_ASM	NO_ASM
C144	ASM	NO_ASM
R105	ASM	NO_ASM
R788	ASM	NO_ASM
C147	ASM	NO_ASM
C146	ASM	NO_ASM
J3	ASM	NO_ASM

ALL PARTS MUST BE PLACED NEAR INTERNAL MICROPHONE

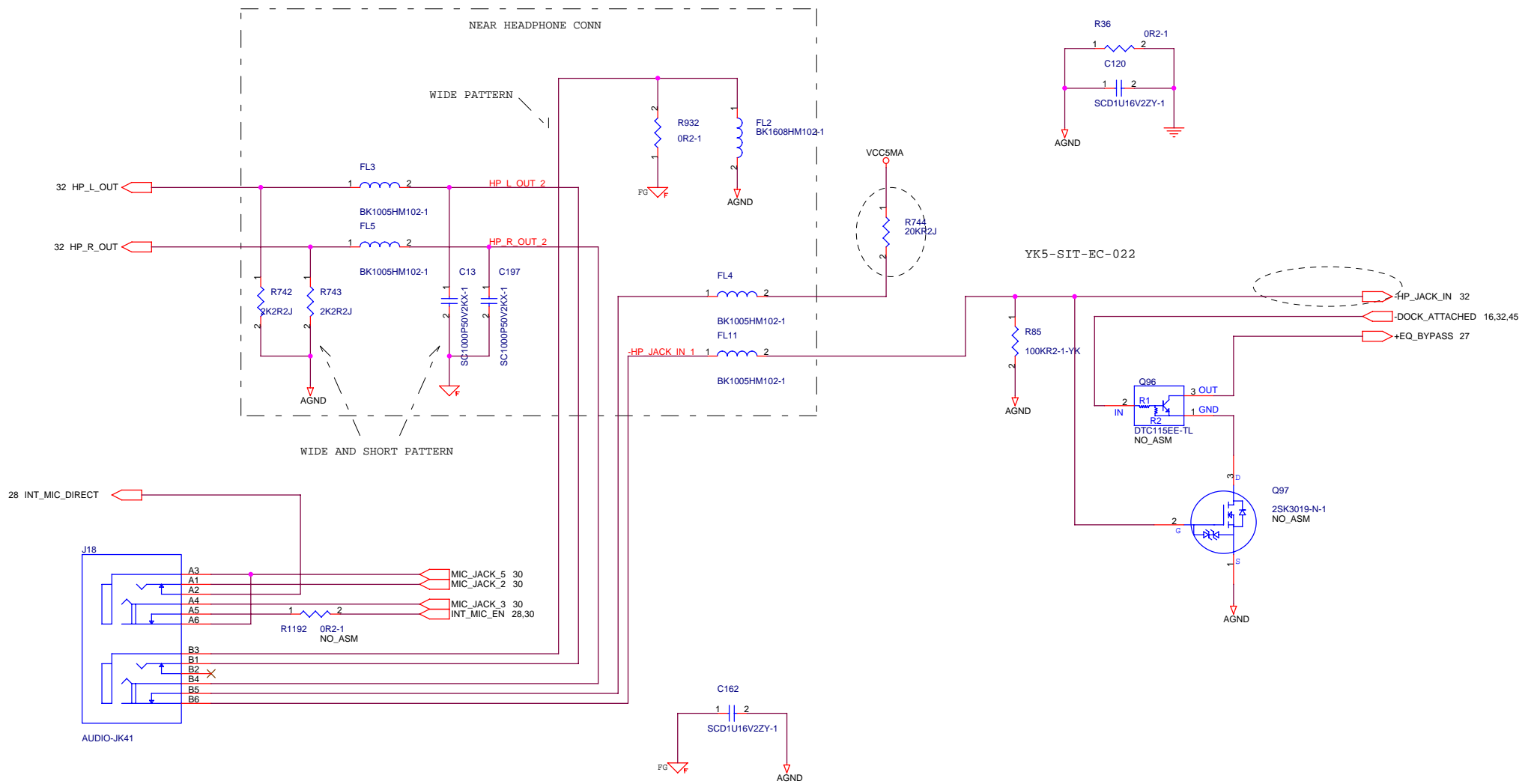
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Title: **AUDIO INT MIC**

Size: A3	Document Number: <b>Y Note-5</b>	Rev: -2
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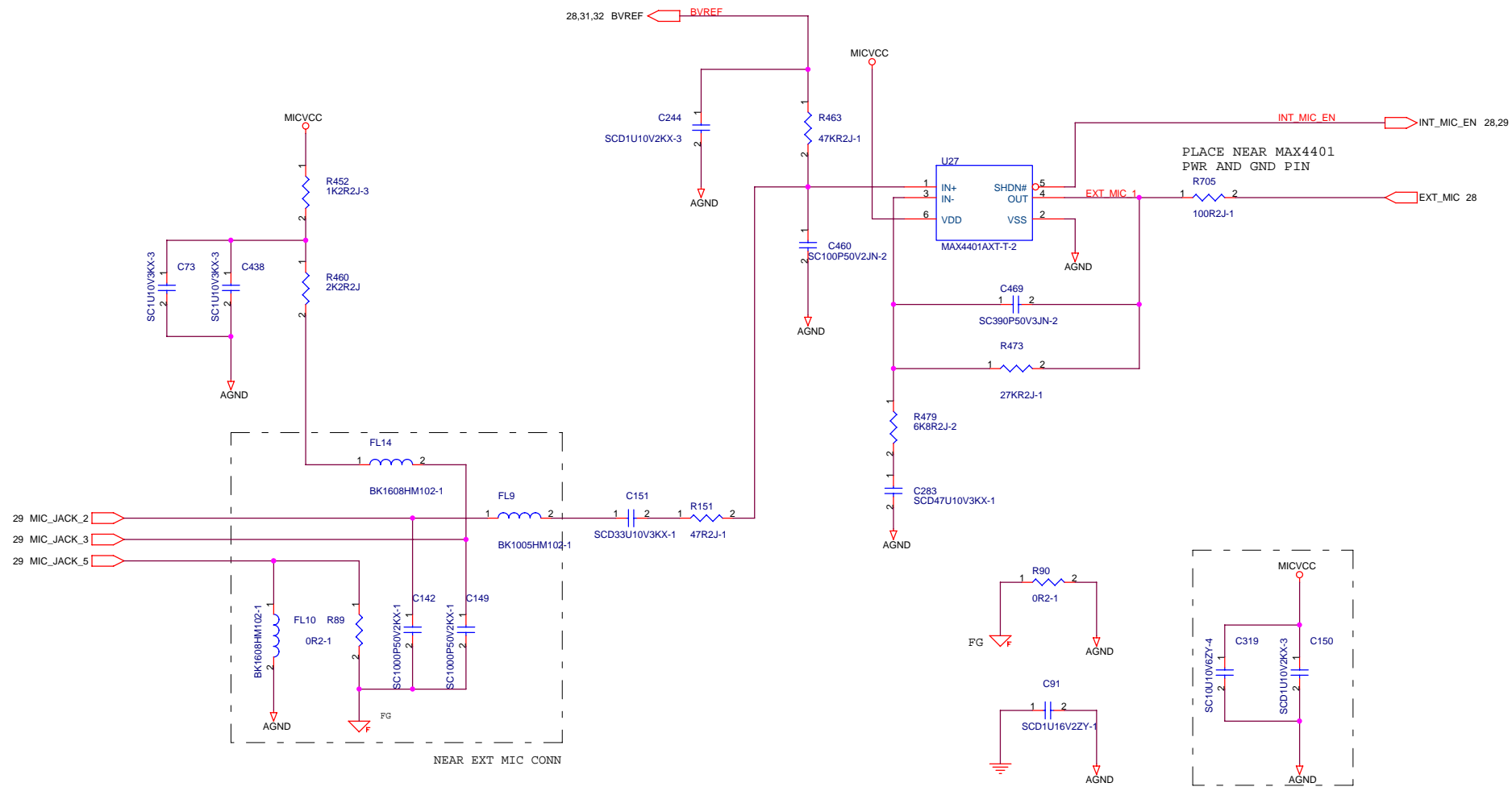
Q96	K-NOTE	Y-NOTE
Q97	NO_ASM	NO_ASM

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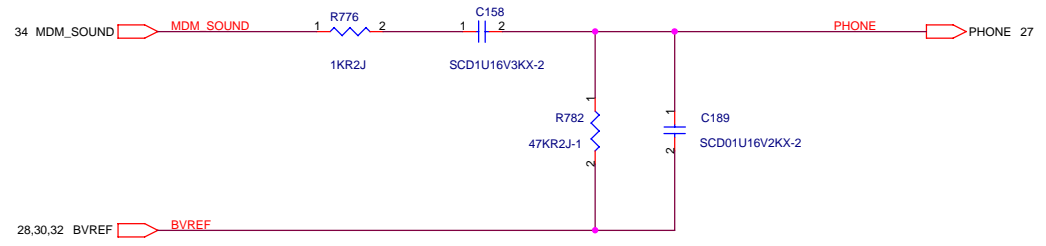
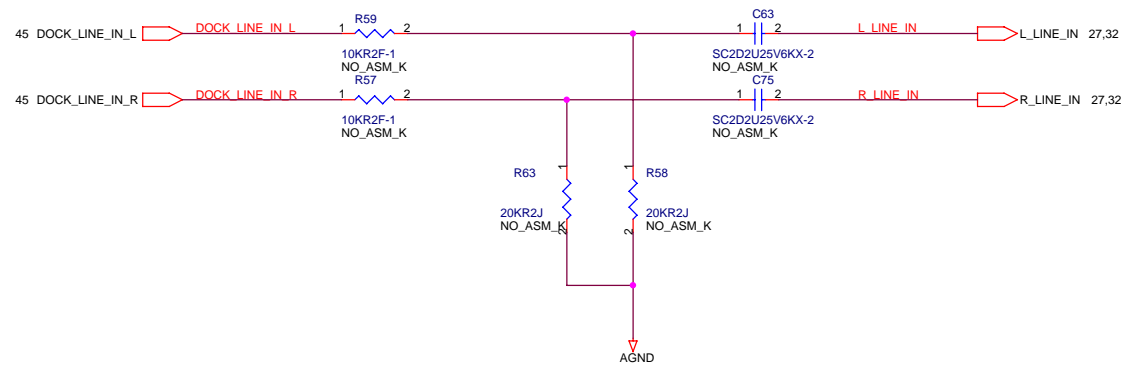
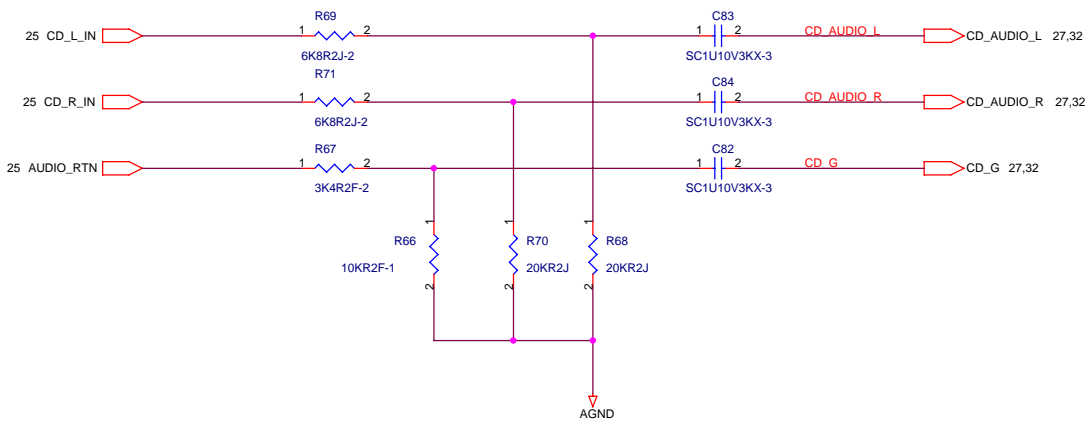
Title: **AUDIO HP & EXT MIC AMP**

Size: A3 Document Number: **Y Note-5** Rev: -2

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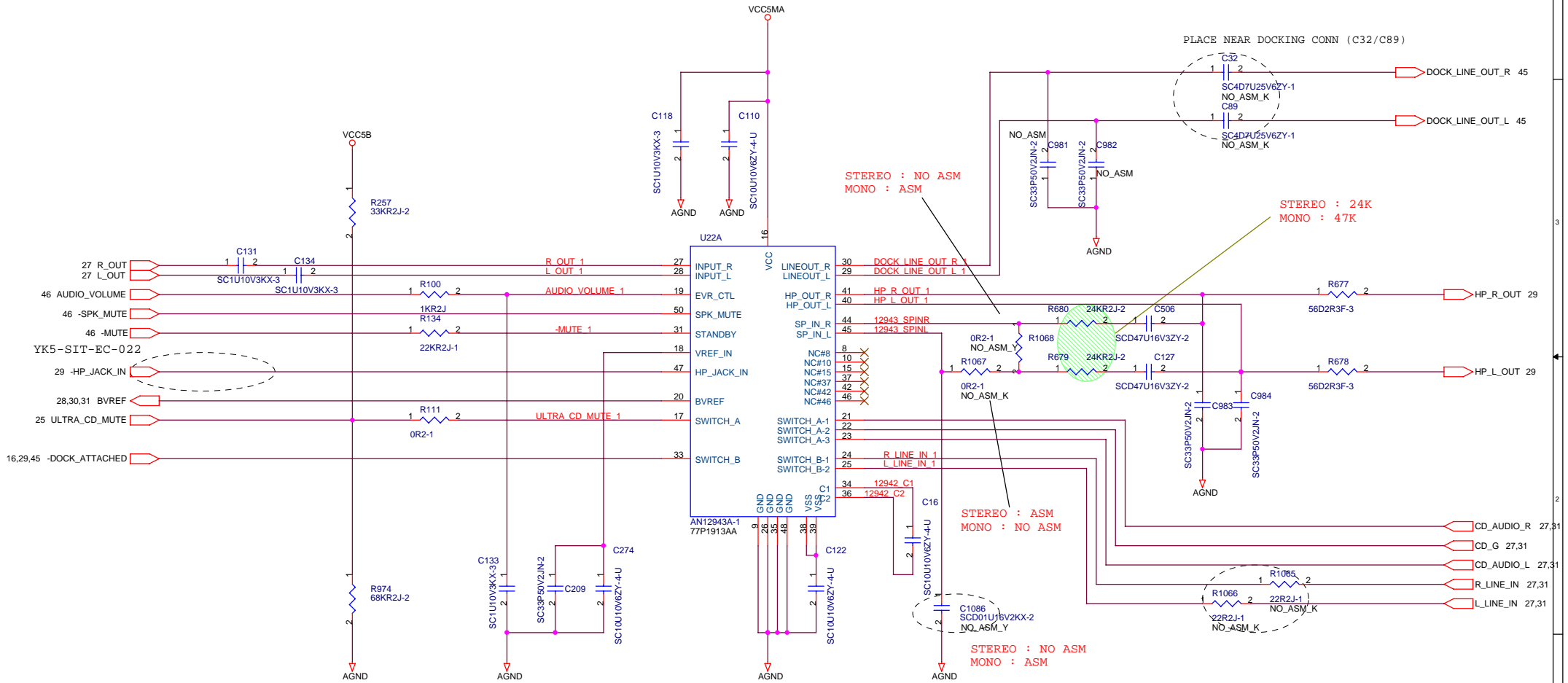
	K-NOTE	Y-NOTE
R59	NO_ASM	ASM
R57	NO_ASM	ASM
R63	NO_ASM	ASM
R58	NO_ASM	ASM
C63	NO_ASM	ASM
C75	NO_ASM	ASM



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Title			
<b>AUDIO MISC</b>			
Size	Document Number	Rev	
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	Y-NOTE	K-NOTE
C981	NO_ASM	NO_ASM
C982	NO_ASM	NO_ASM
C89	ASM	NO_ASM
C32	ASM	NO_ASM

	STEREO	MONO
C1086	NO_ASM	ASM
R1067	ASM	NO_ASM
R1068	NO_ASM	ASM
R679	24KOHM	47KOHM
R680	24KOHM	47KOHM
R1065	ASM	NO_ASM
R1066	ASM	NO_ASM

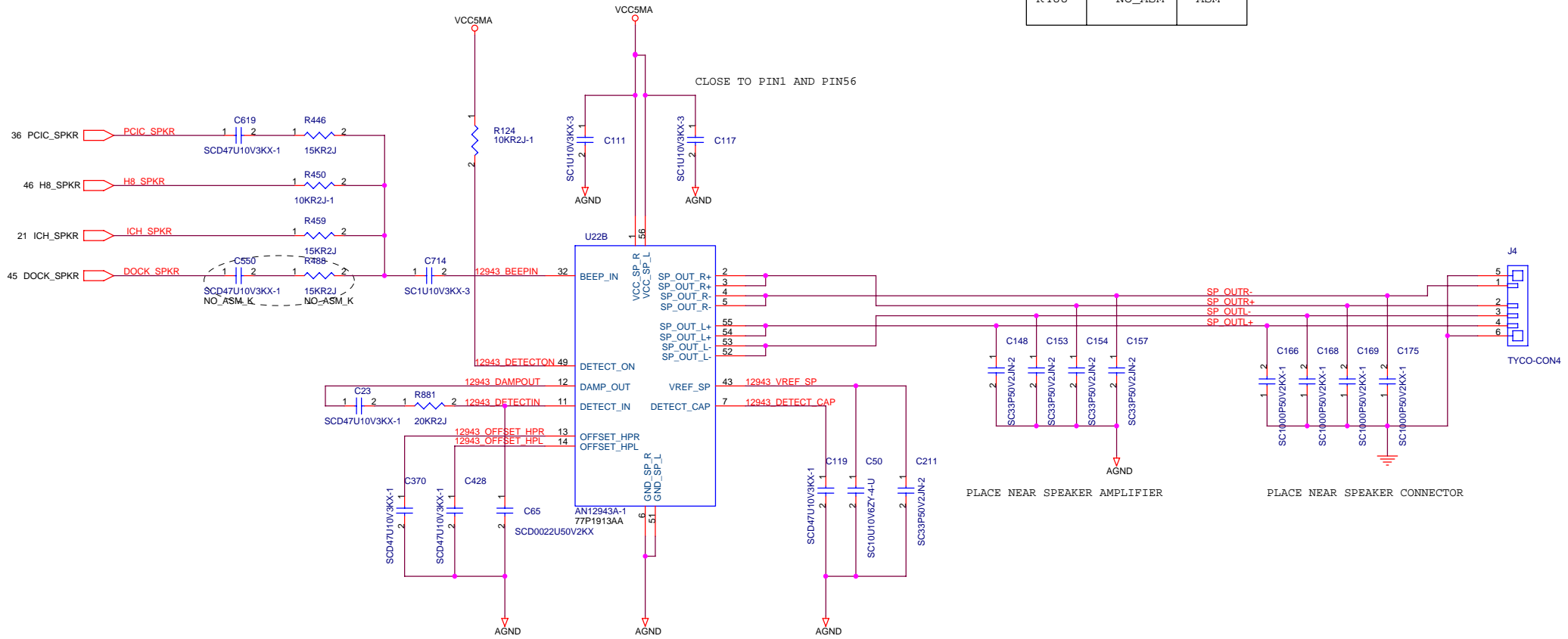


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Title		<b>AUDIO HDP AMP AN12943A (1/2)</b>	
Size	Document Number	Y Note-5	
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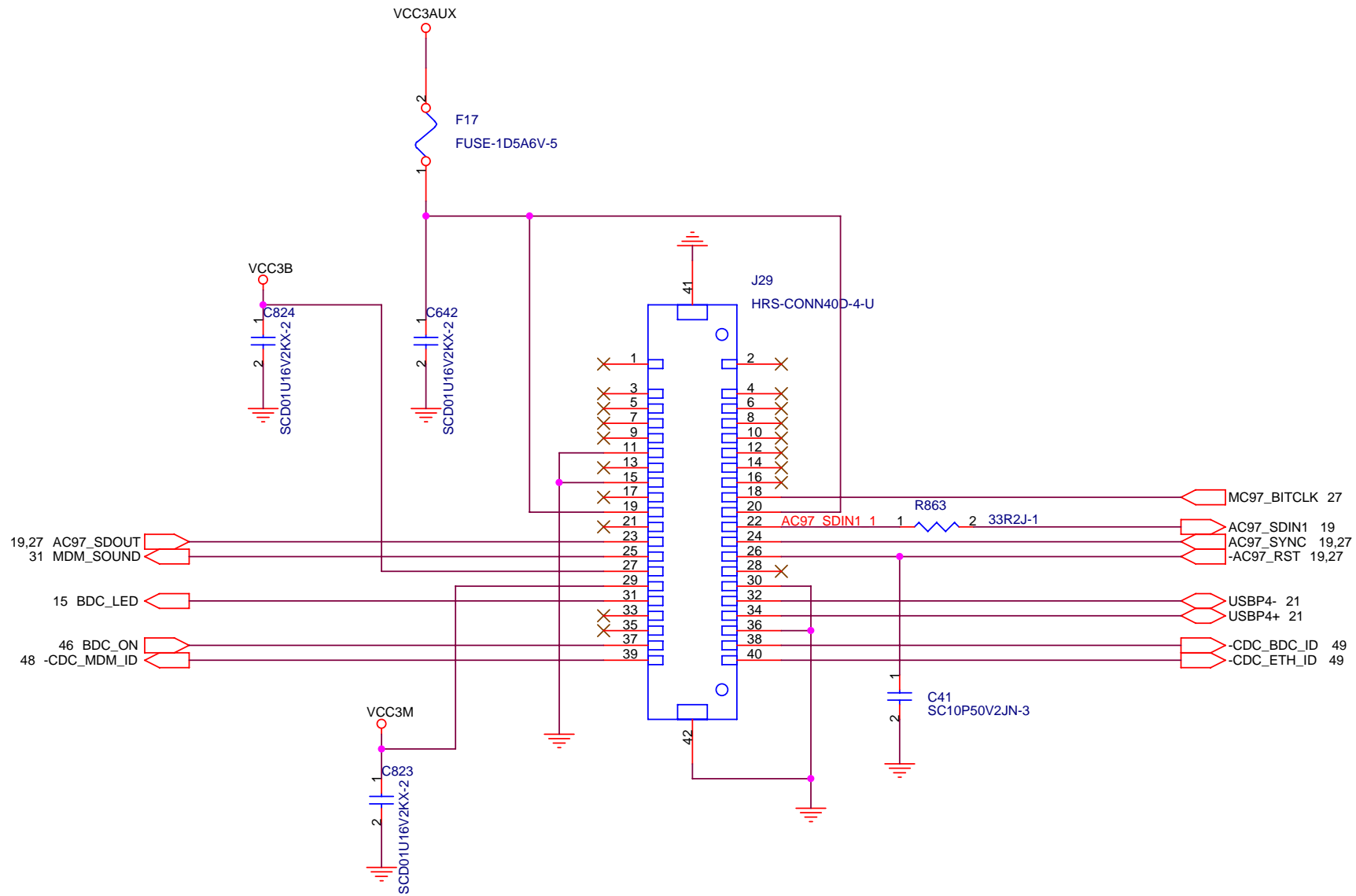
	K-NOTE	Y-NOTE
C550	NO_ASM	ASM
R488	NO_ASM	ASM



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 Taipei Hsien 221, Taiwan, R.O.C.

Title		AUDIO HDP AMP AN12943A (1/2)	
Size	Document Number	Rev	
A3		-2	
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		33	of

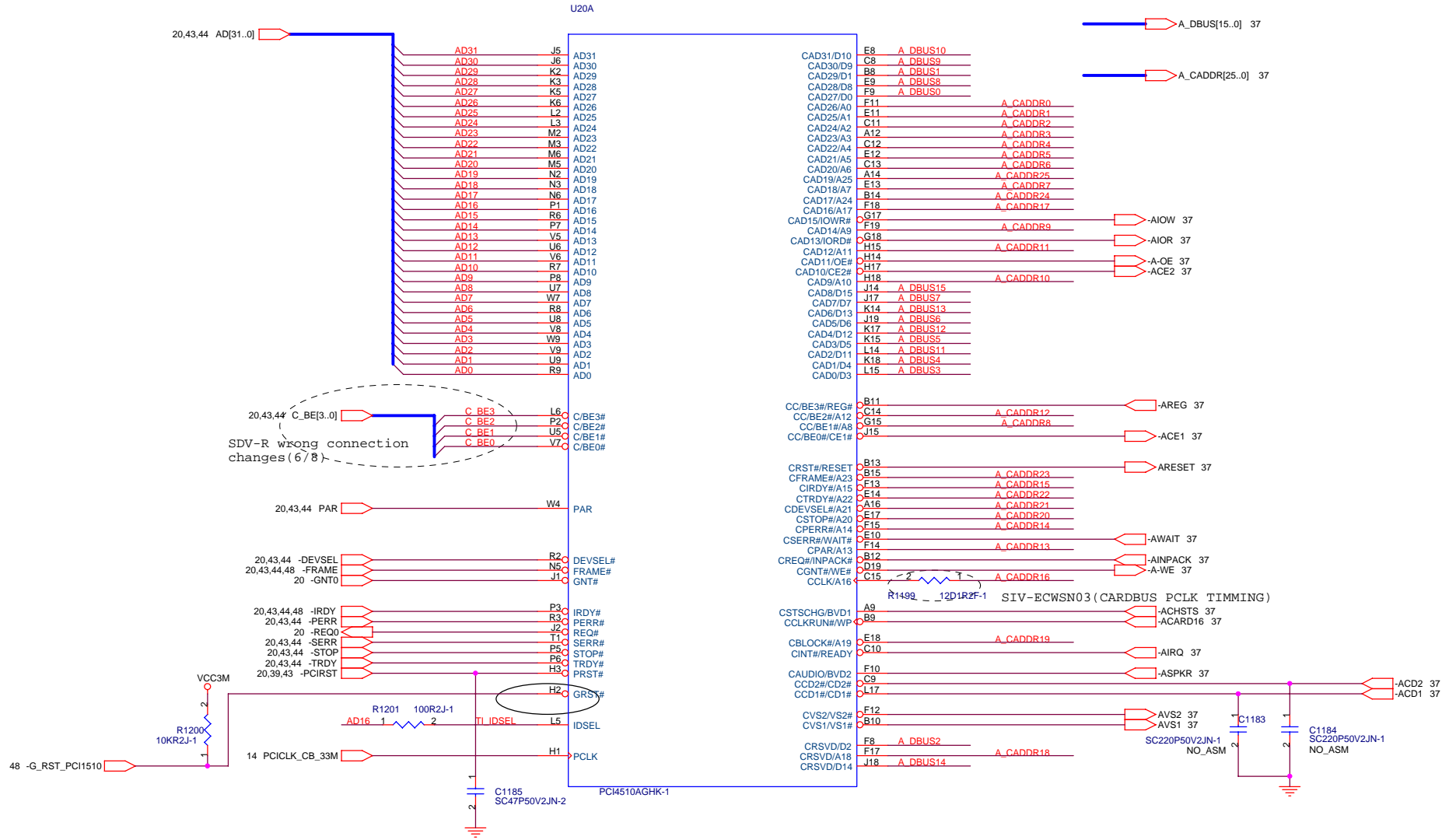
Y Note-5



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 Taipei Hsien 221, Taiwan, R.O.C.

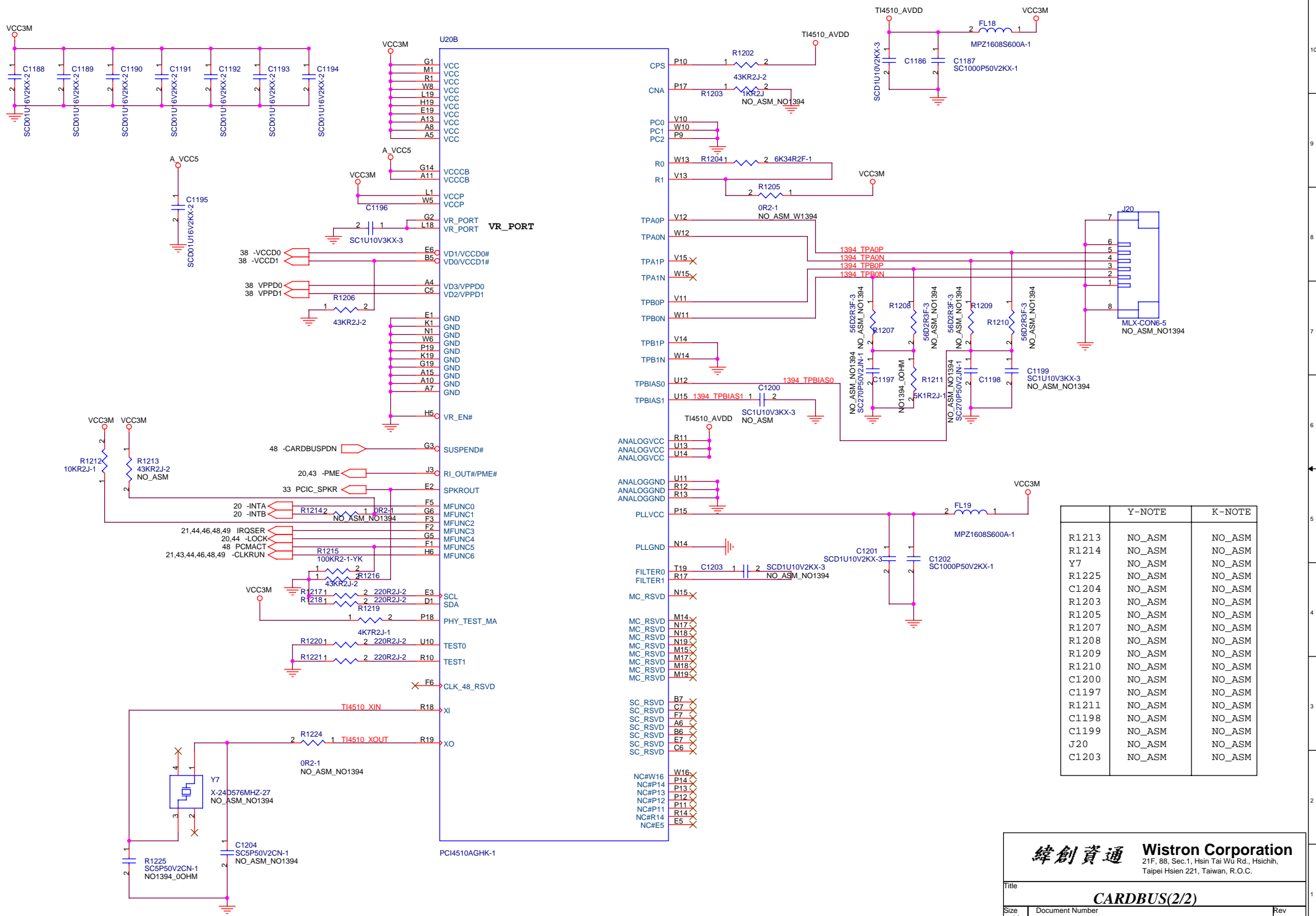
Title		
<b>CDC CONNECTOR</b>		
Size A4	Document Number <b>Y Note-5</b>	Rev -2
Date: Tuesday, December 28, 2004	Sheet 34 of 71	

	Y-NOTE	K-NOTE
C1183	NO_ASM	NO_ASM
C1184	NO_ASM	NO_ASM



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 Taipei Hsien 221, Taiwan, R.O.C.

Title		
<b>CARDBUS(1/2)</b>		
Size	Document Number	Rev
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	Y-NOTE	K-NOTE
R1213	NO_ASM	NO_ASM
R1214	NO_ASM	NO_ASM
Y7	NO_ASM	NO_ASM
R1225	NO_ASM	NO_ASM
C1204	NO_ASM	NO_ASM
R1203	NO_ASM	NO_ASM
R1205	NO_ASM	NO_ASM
R1207	NO_ASM	NO_ASM
R1208	NO_ASM	NO_ASM
R1209	NO_ASM	NO_ASM
R1210	NO_ASM	NO_ASM
C1200	NO_ASM	NO_ASM
C1197	NO_ASM	NO_ASM
R1211	NO_ASM	NO_ASM
C1198	NO_ASM	NO_ASM
C1199	NO_ASM	NO_ASM
J20	NO_ASM	NO_ASM
C1203	NO_ASM	NO_ASM

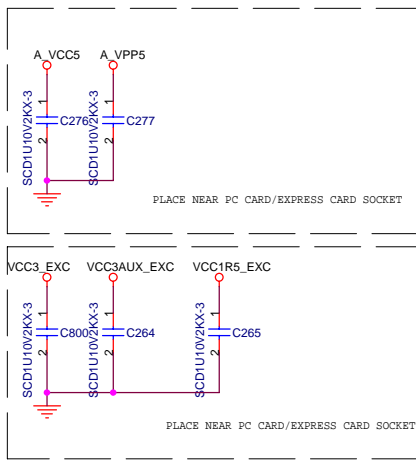
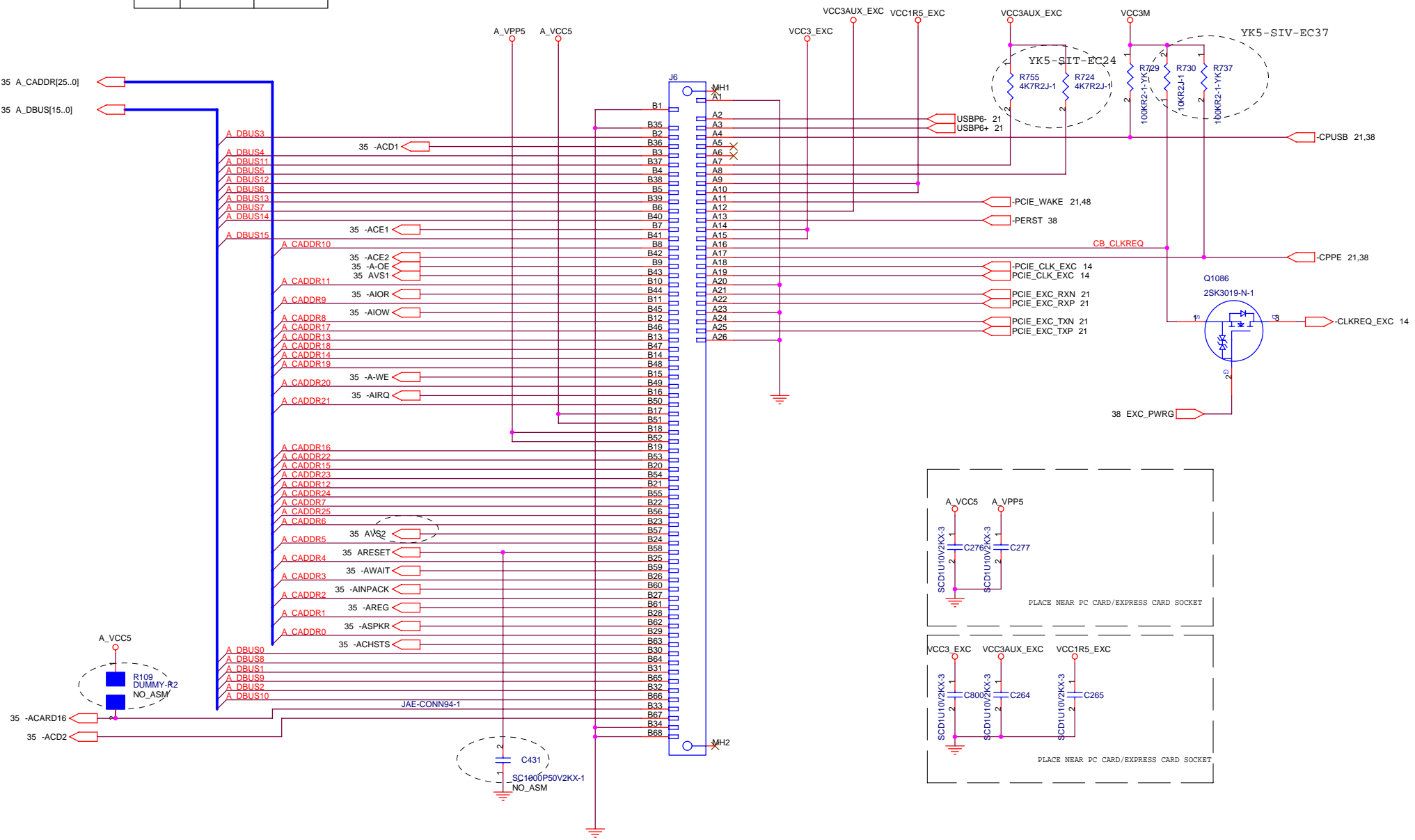
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 Taipei Hsien 221, Taiwan, R.O.C.

Title: **CARBUS(2/2)**

Size: A3 Document Number: **Y Note-5** Rev: -2

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	Y-NOTE	K-NOTE
R109	NO_ASM	NO_ASM
C431	NO_ASM	NO_ASM

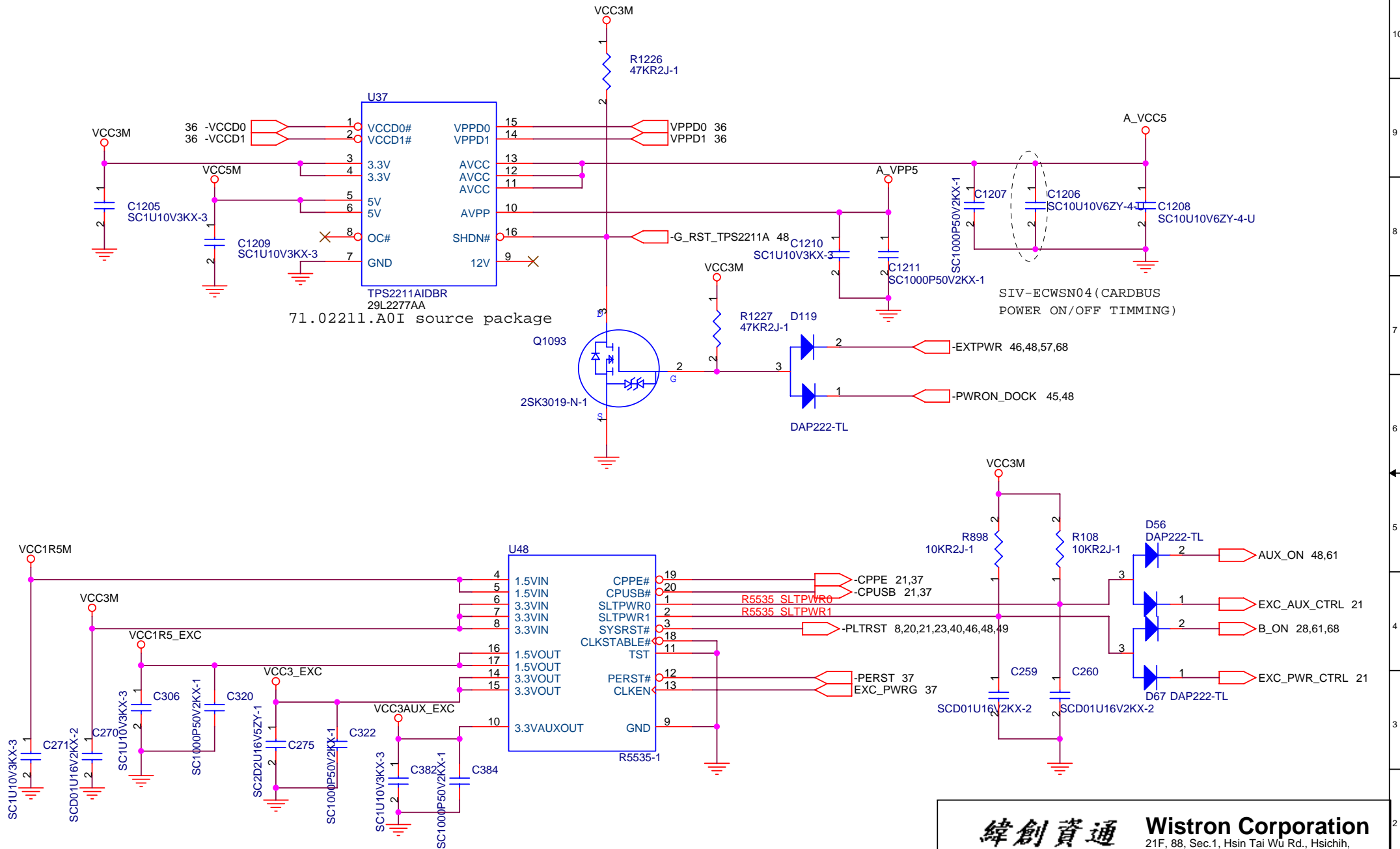


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 21F, 88, Sec.1, Hsin Tai WJ Rd., Hsichih,  
 Taipei Hsien 221, Taiwan, R.O.C.

Title: **CARDBUS/EXPRESS CARD SLOT**

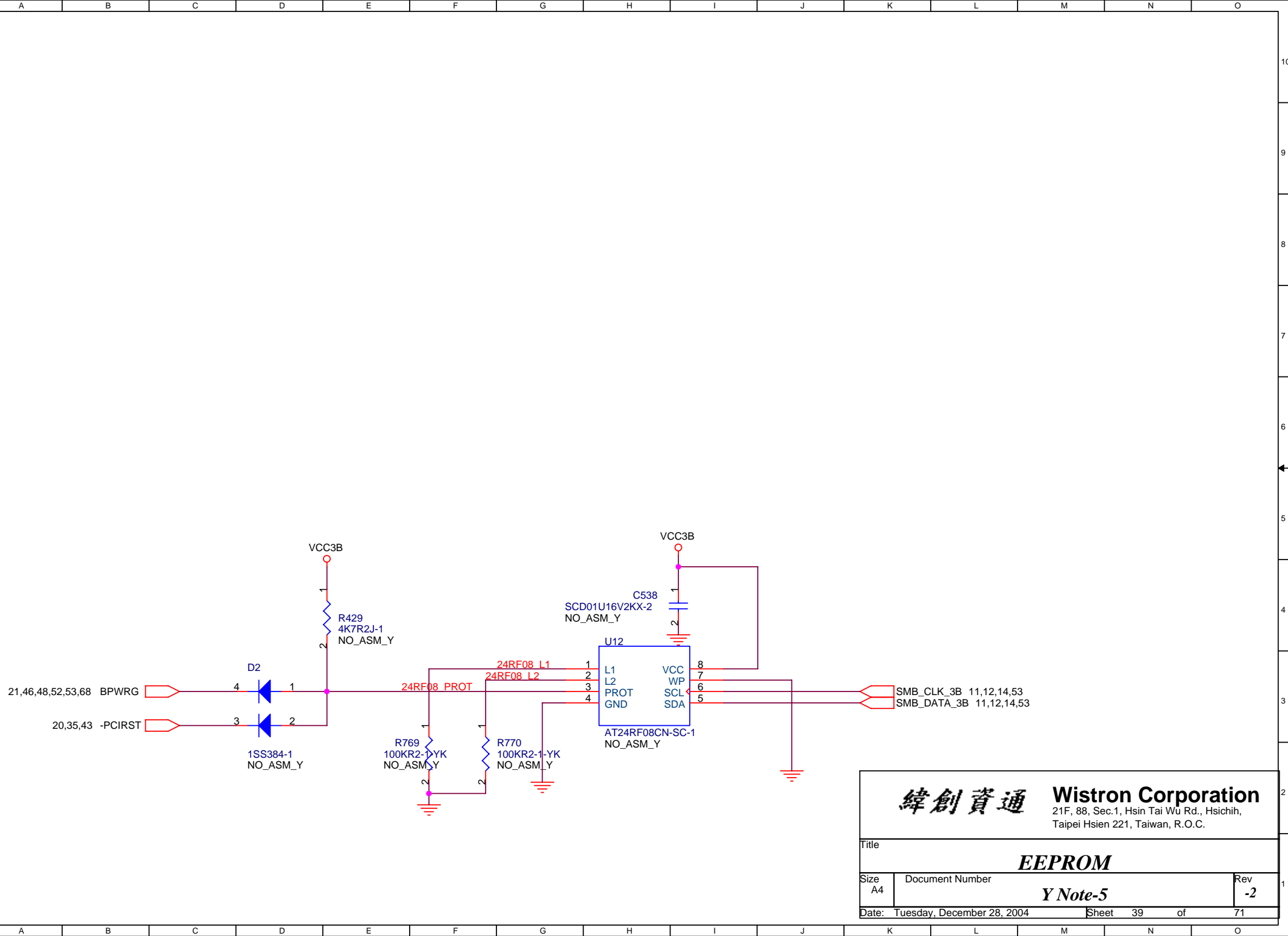
Size: Custom	Document Number: <b>Y Note-5</b>	Rev: -2
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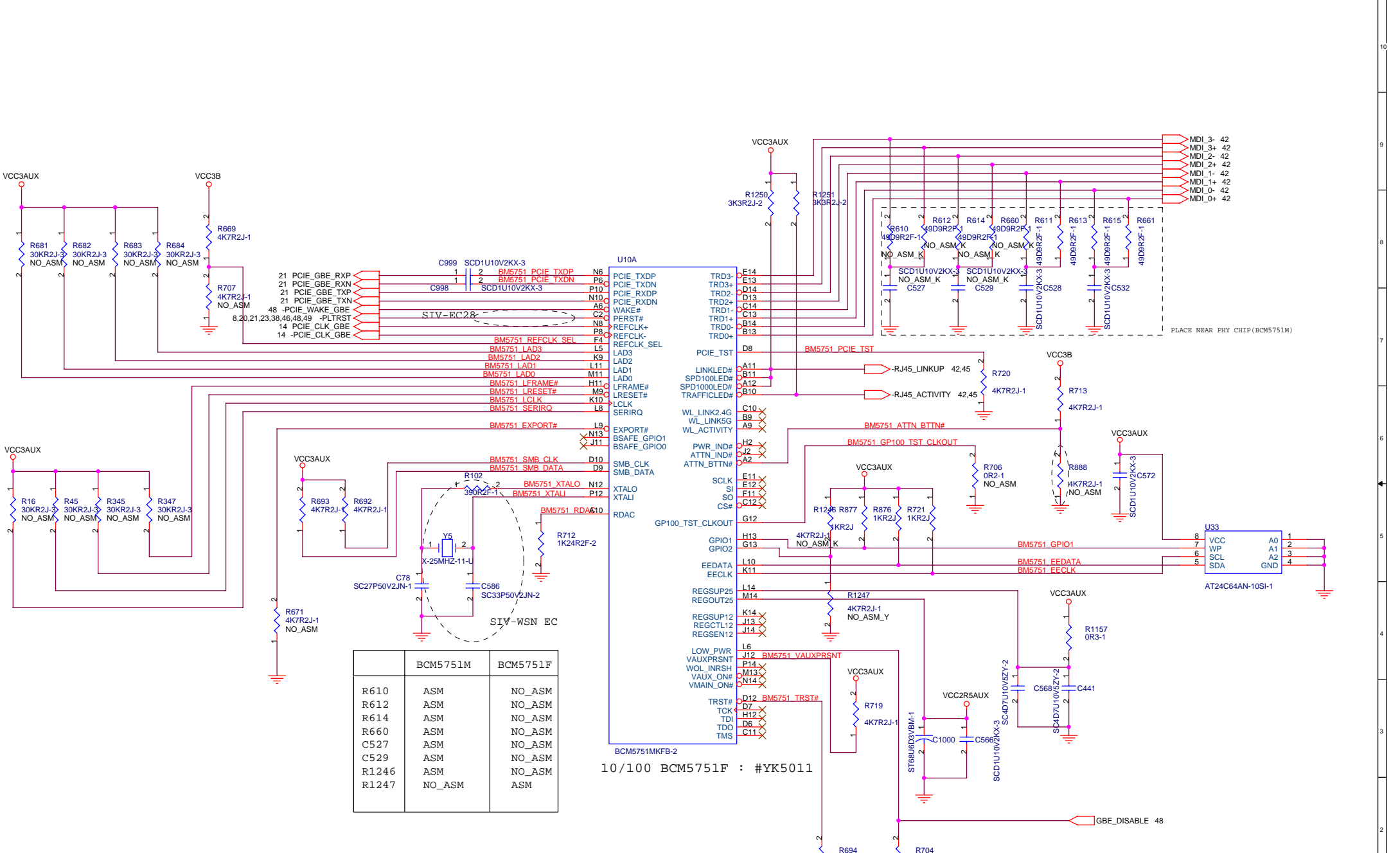

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 Taipei Hsien 221, Taiwan, R.O.C.

Title		
<b>CARDBUS POWER CONTROL</b>		
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**緯創資通** **Wistron Corporation**  
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 Taipei Hsien 221, Taiwan, R.O.C.

Title		
<b>EEPROM</b>		
Size A4	Document Number	Rev -2
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	BCM5751M	BCM5751F
R610	ASM	NO_ASM
R612	ASM	NO_ASM
R614	ASM	NO_ASM
R660	ASM	NO_ASM
C527	ASM	NO_ASM
C529	ASM	NO_ASM
R1246	ASM	NO_ASM
R1247	NO_ASM	ASM

10/100 BCM5751F : #YK5011

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 Taipei Hsien 221, Taiwan, R.O.C.

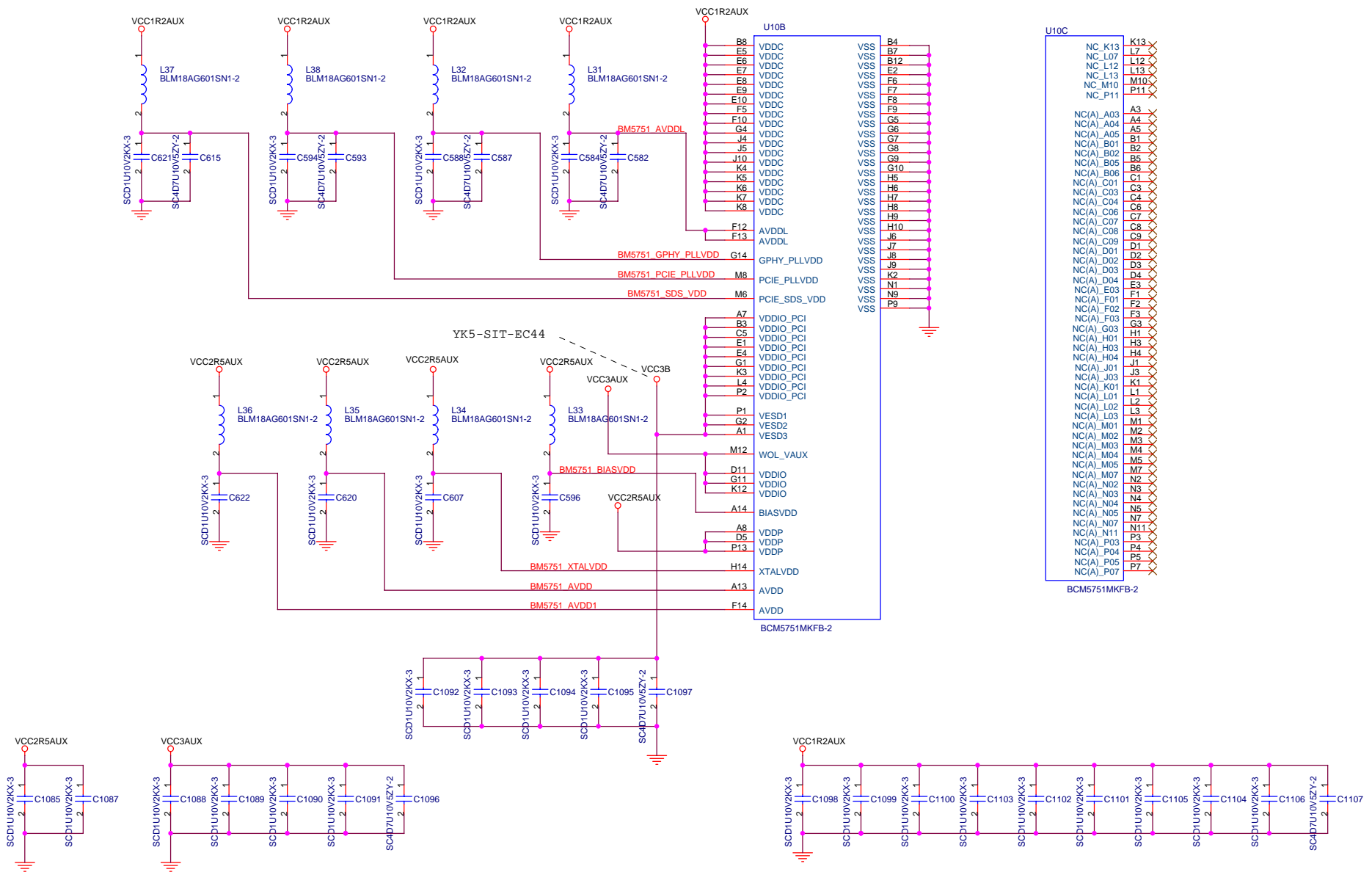
**GBE(I/2)**

Title \_\_\_\_\_

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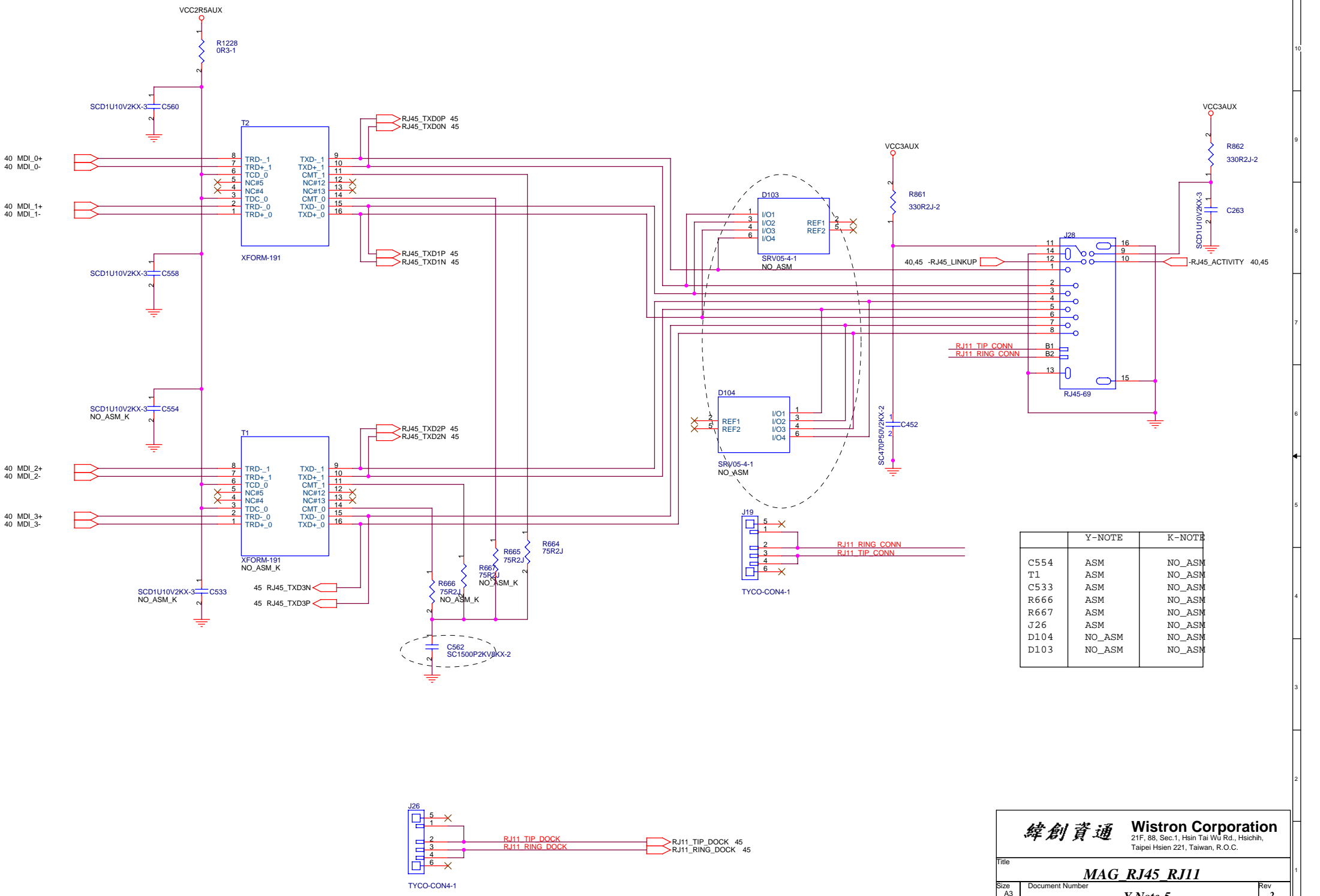


U10C	K13	K13
NC_K13	L7	X
NC_L07	L12	X
NC_L12	L13	X
NC_L13	M10	X
NC_M10	P11	X
NC_P11		
NC(A)_A03	A3	X
NC(A)_A04	A4	X
NC(A)_A05	A5	X
NC(A)_B01	B1	X
NC(A)_B02	B2	X
NC(A)_B05	B5	X
NC(A)_B06	B6	X
NC(A)_C01	C1	X
NC(A)_C03	C3	X
NC(A)_C04	C4	X
NC(A)_C06	C6	X
NC(A)_C07	C7	X
NC(A)_C08	C8	X
NC(A)_C09	C9	X
NC(A)_D01	D1	X
NC(A)_D02	D2	X
NC(A)_D03	D3	X
NC(A)_D04	D4	X
NC(A)_E03	E3	X
NC(A)_F01	F1	X
NC(A)_F02	F2	X
NC(A)_F03	F3	X
NC(A)_G03	G3	X
NC(A)_H01	H1	X
NC(A)_H03	H3	X
NC(A)_H04	H4	X
NC(A)_J01	J1	X
NC(A)_J03	J3	X
NC(A)_K01	K1	X
NC(A)_L01	L1	X
NC(A)_L02	L2	X
NC(A)_L03	L3	X
NC(A)_M01	M1	X
NC(A)_M02	M2	X
NC(A)_M03	M3	X
NC(A)_M04	M4	X
NC(A)_M05	M5	X
NC(A)_M07	M7	X
NC(A)_N02	N2	X
NC(A)_N03	N3	X
NC(A)_N04	N4	X
NC(A)_N05	N5	X
NC(A)_N07	N7	X
NC(A)_N11	N11	X
NC(A)_P03	P3	X
NC(A)_P04	P4	X
NC(A)_P05	P5	X
NC(A)_P07	P7	X

BCM5751MKFB-2

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Title		
<b>GBE(2/2)</b>		
Size	Document Number	Rev
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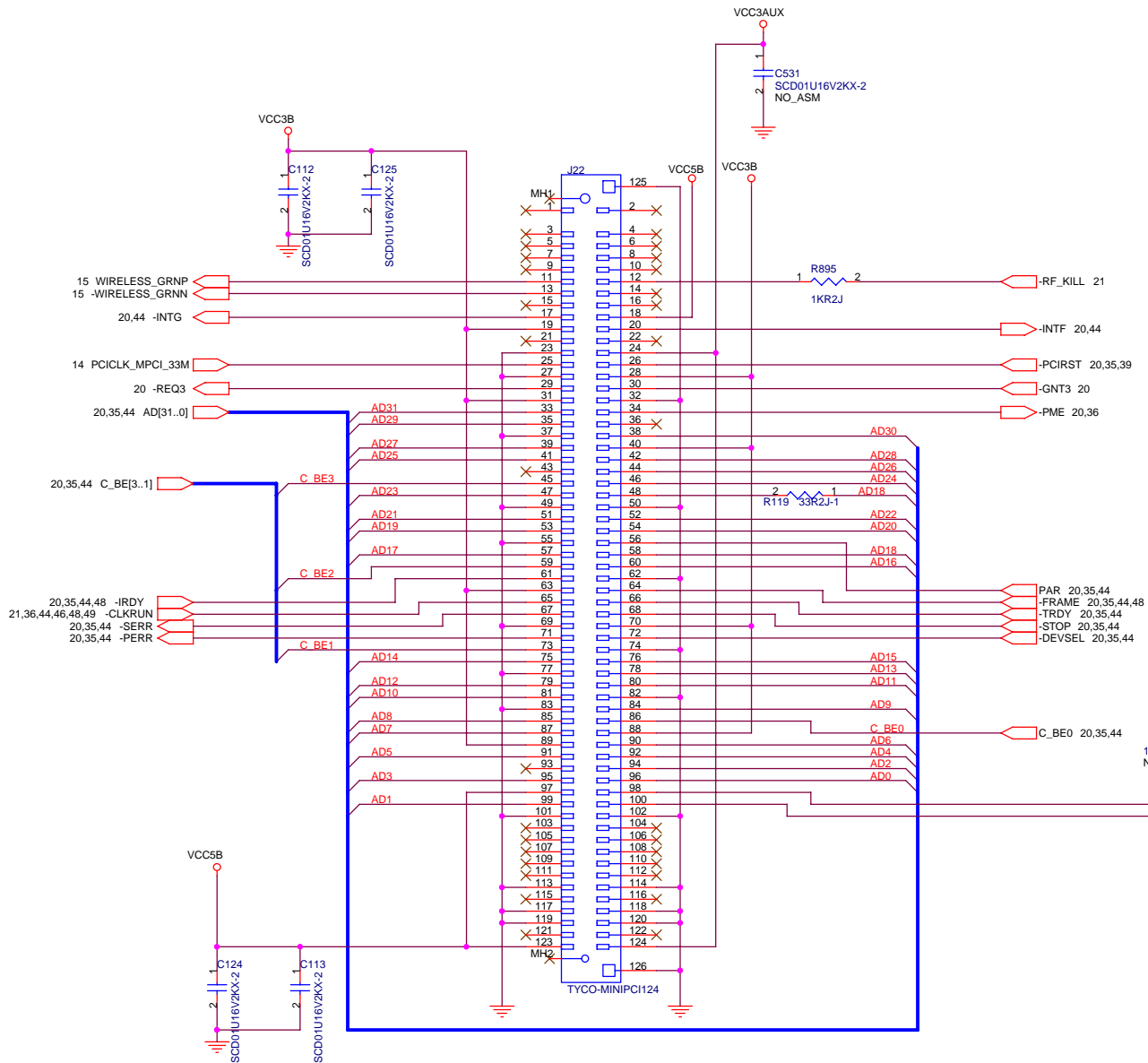
	Y-NOTE	K-NOTE
C554	ASM	NO_ASM
T1	ASM	NO_ASM
C533	ASM	NO_ASM
R666	ASM	NO_ASM
R667	ASM	NO_ASM
J26	ASM	NO_ASM
D104	NO_ASM	NO_ASM
D103	NO_ASM	NO_ASM

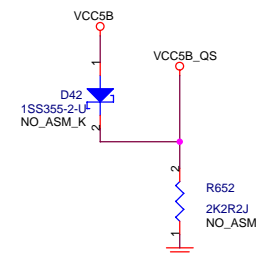
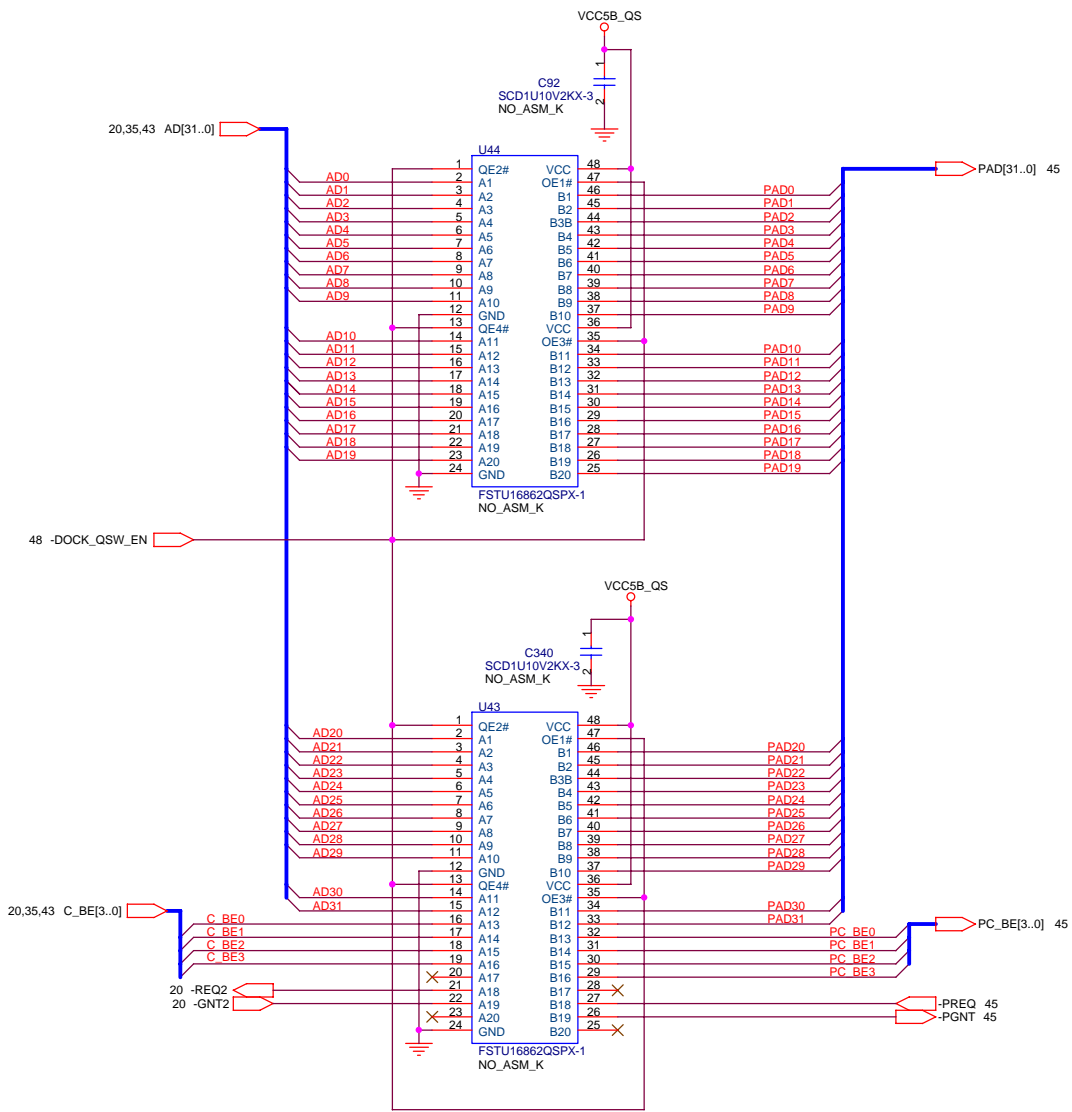
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 21F, 88, Sec.1, Hsin Tai Wj Rd., Hsichih,  
 Taipei Hsien 221, Taiwan, R.O.C.

Title: **MAG RJ45 RJ11**

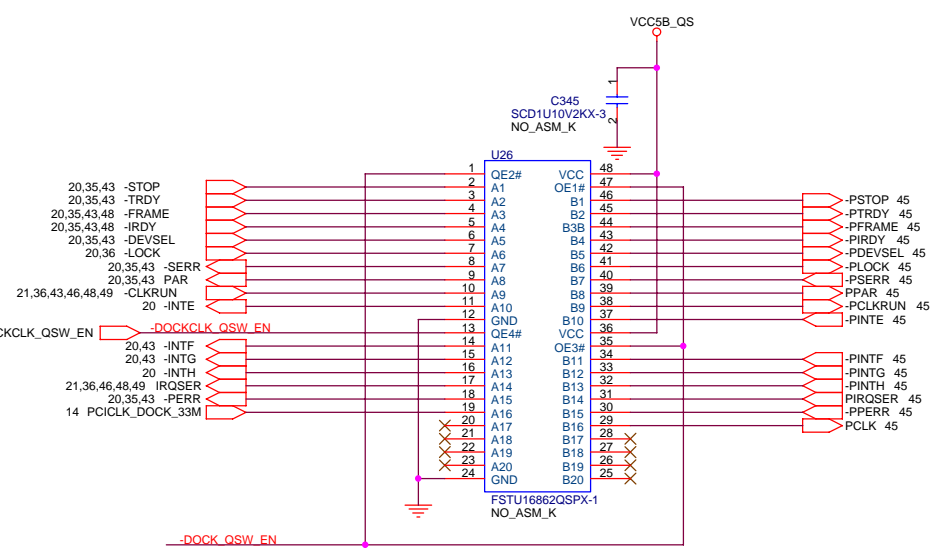
Size: A3	Document Number: <b>Y Note-5</b>	Rev: -2
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	Y-NOTE	K-NOTE
C92	ASM	NO_ASM
C340	ASM	NO_ASM
D42	ASM	NO_ASM
R652	NO_ASM	NO_ASM
C345	ASM	NO_ASM
U44	ASM	NO_ASM
U43	ASM	NO_ASM



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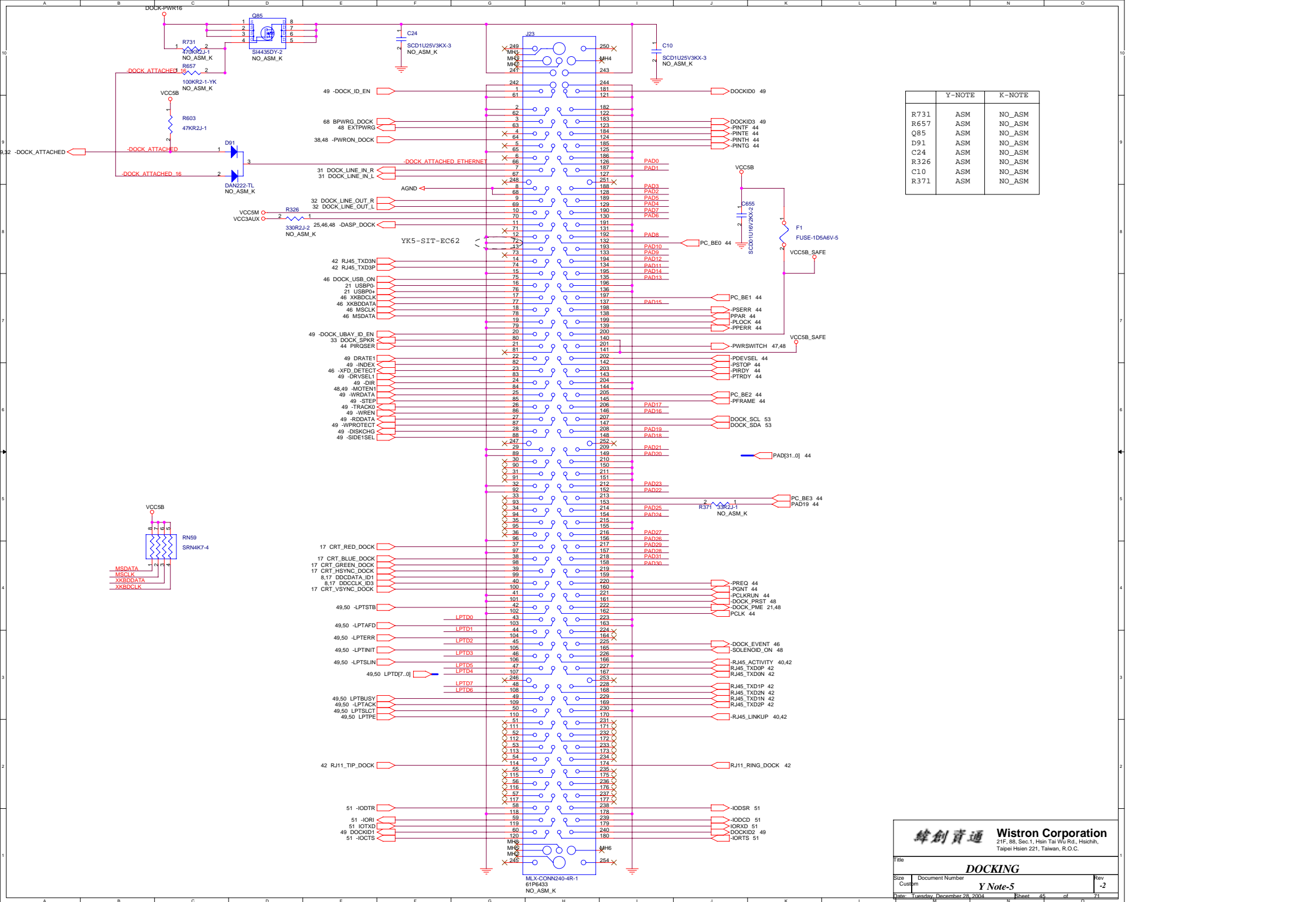
**PCI BUS SWITCH**

Title: \_\_\_\_\_

Size: A3    Document Number: \_\_\_\_\_    Rev: -2

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	Y-NOTE	K-NOTE
R731	ASM	NO_ASM
R657	ASM	NO_ASM
Q85	ASM	NO_ASM
D91	ASM	NO_ASM
C24	ASM	NO_ASM
R326	ASM	NO_ASM
C10	ASM	NO_ASM
R371	ASM	NO_ASM

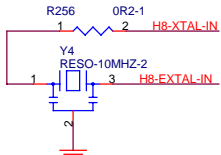
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 Taipei Hsien 221, Taiwan, R.O.C.

Title: **DOCKING**

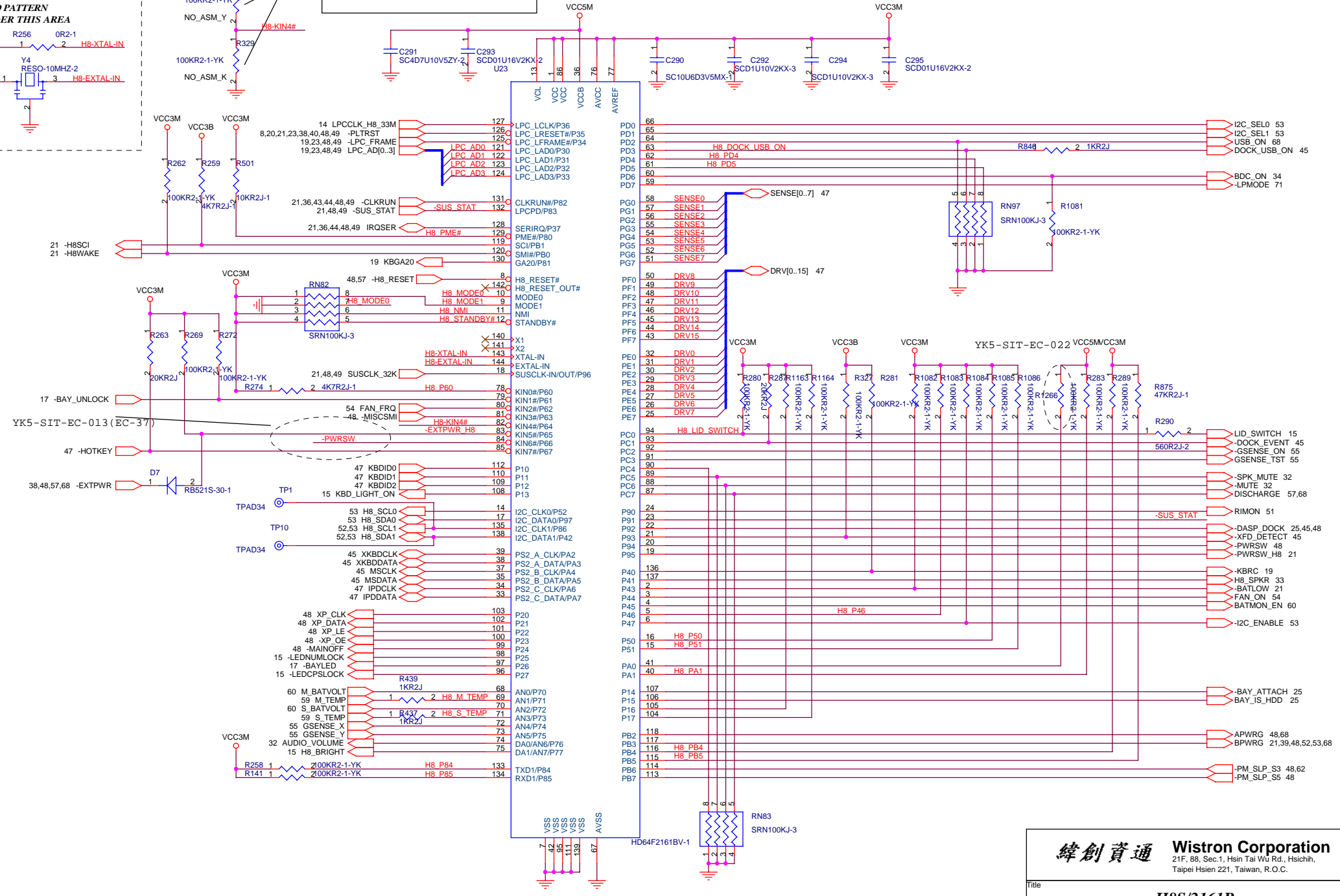
Size: Document Number  
 Custom: **Y Note-5**

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- NEAR H8S/2169A:
- SHORT PATTERN
- NO PATTERN UNDER THIS AREA



R1069	ASM	K-NOTE	Y-NOTE
R329	NO_ASM	ASM	NO_ASM

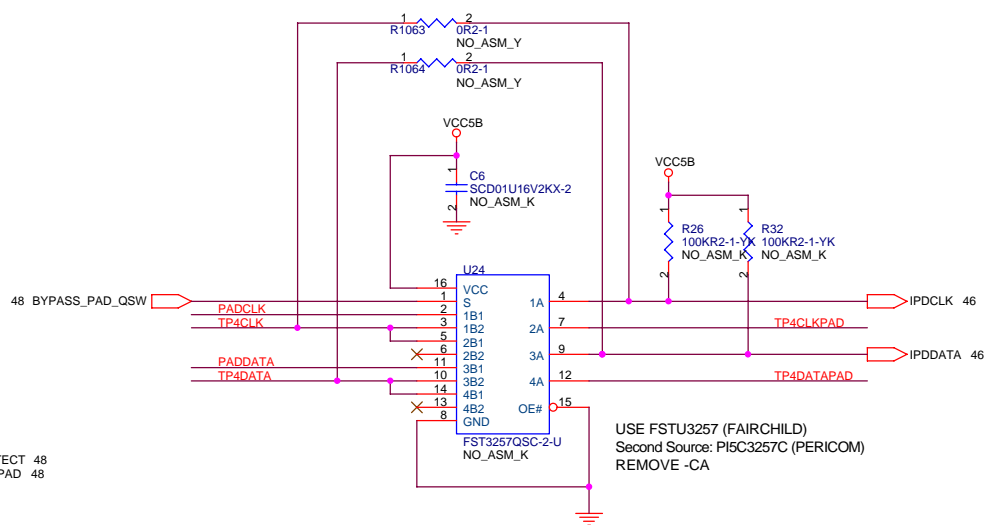
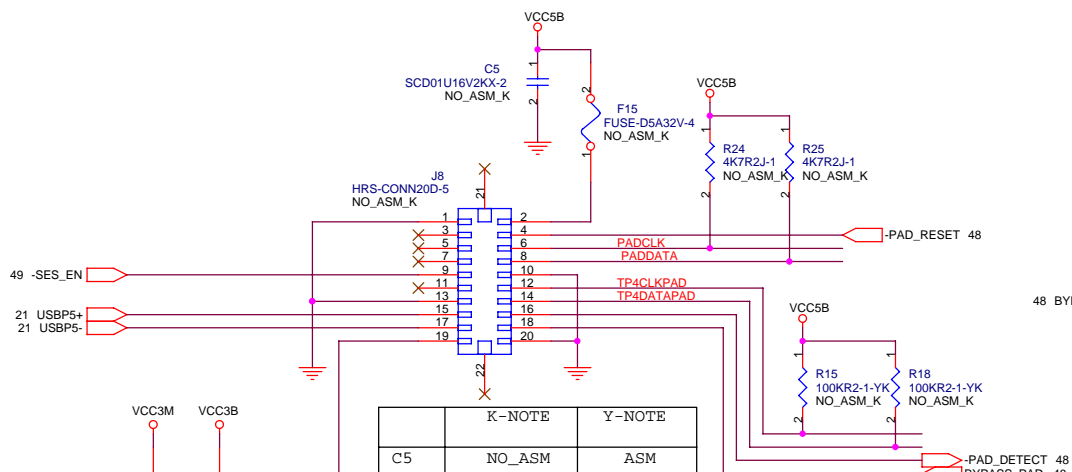
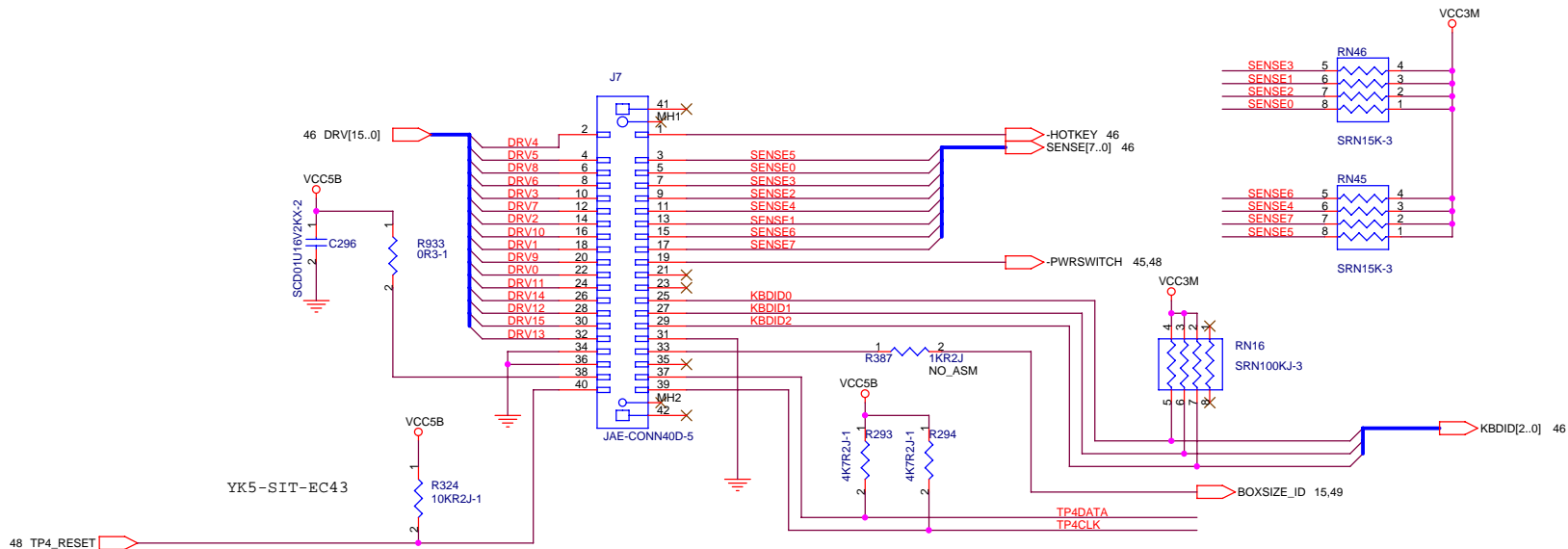


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Title: **H8S/2161B**

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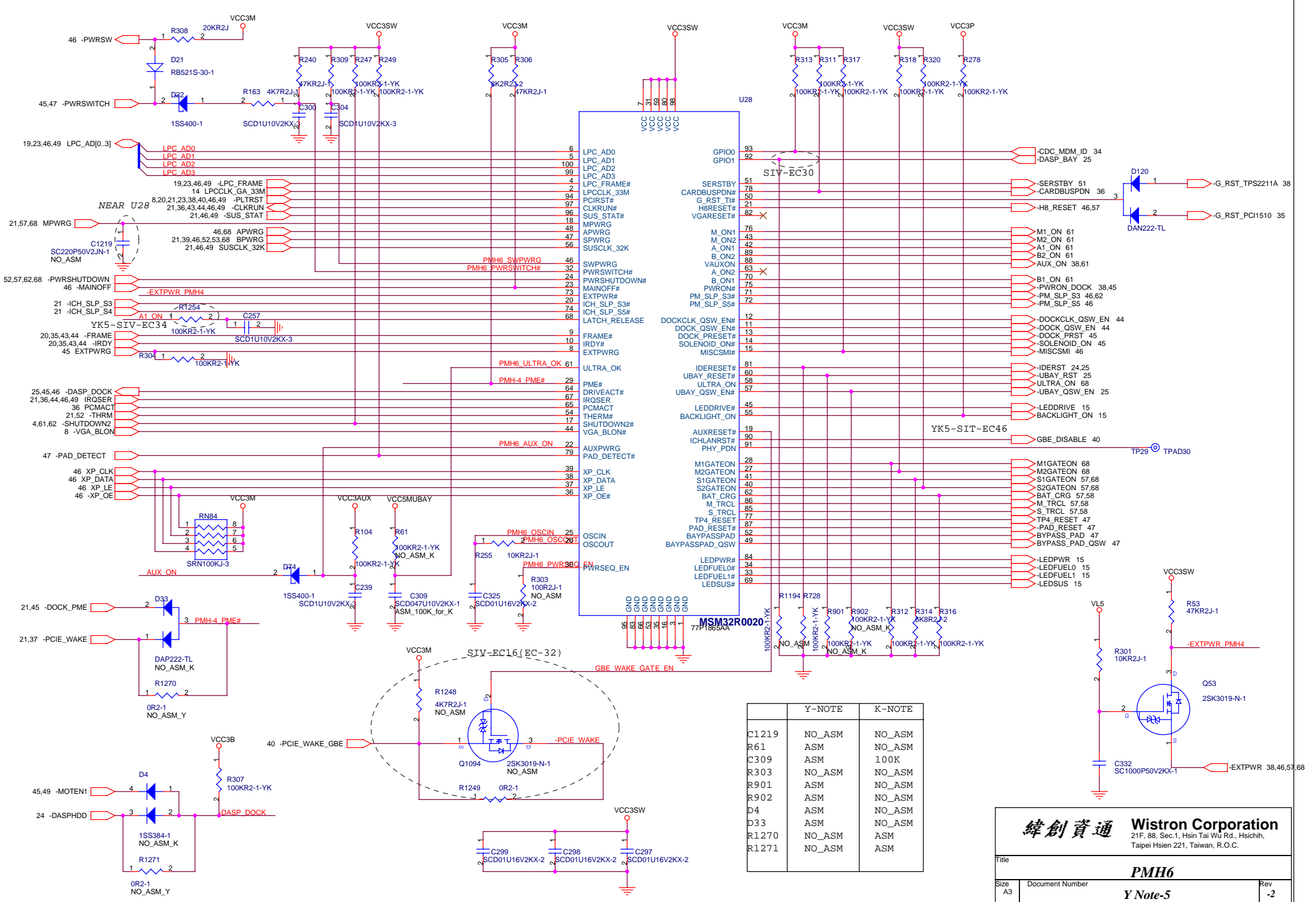
	K-NOTE	Y-NOTE
C5	NO_ASM	ASM
C6	NO_ASM	ASM
F15	NO_ASM	ASM
J8	NO_ASM	ASM
R15	NO_ASM	ASM
R18	NO_ASM	ASM
R24	NO_ASM	ASM
R25	NO_ASM	ASM
R1063	ASM	NO_ASM
R1064	ASM	NO_ASM
R26	NO_ASM	ASM
R32	NO_ASM	ASM
R387	NO_ASM	NO_ASM
U24	NO_ASM	ASM
F6	NO_ASM	ASM
C208	NO_ASM	ASM

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Title: **KEYBOARD & TOUCHPAD**

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	Y-NOTE	K-NOTE
C1219	NO_ASM	NO_ASM
R61	ASM	NO_ASM
C309	ASM	100K
R303	NO_ASM	NO_ASM
R901	ASM	NO_ASM
R902	ASM	NO_ASM
D4	ASM	NO_ASM
D33	ASM	NO_ASM
R1270	NO_ASM	ASM
R1271	NO_ASM	ASM

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Taipei Hsien 221, Taiwan, R.O.C.

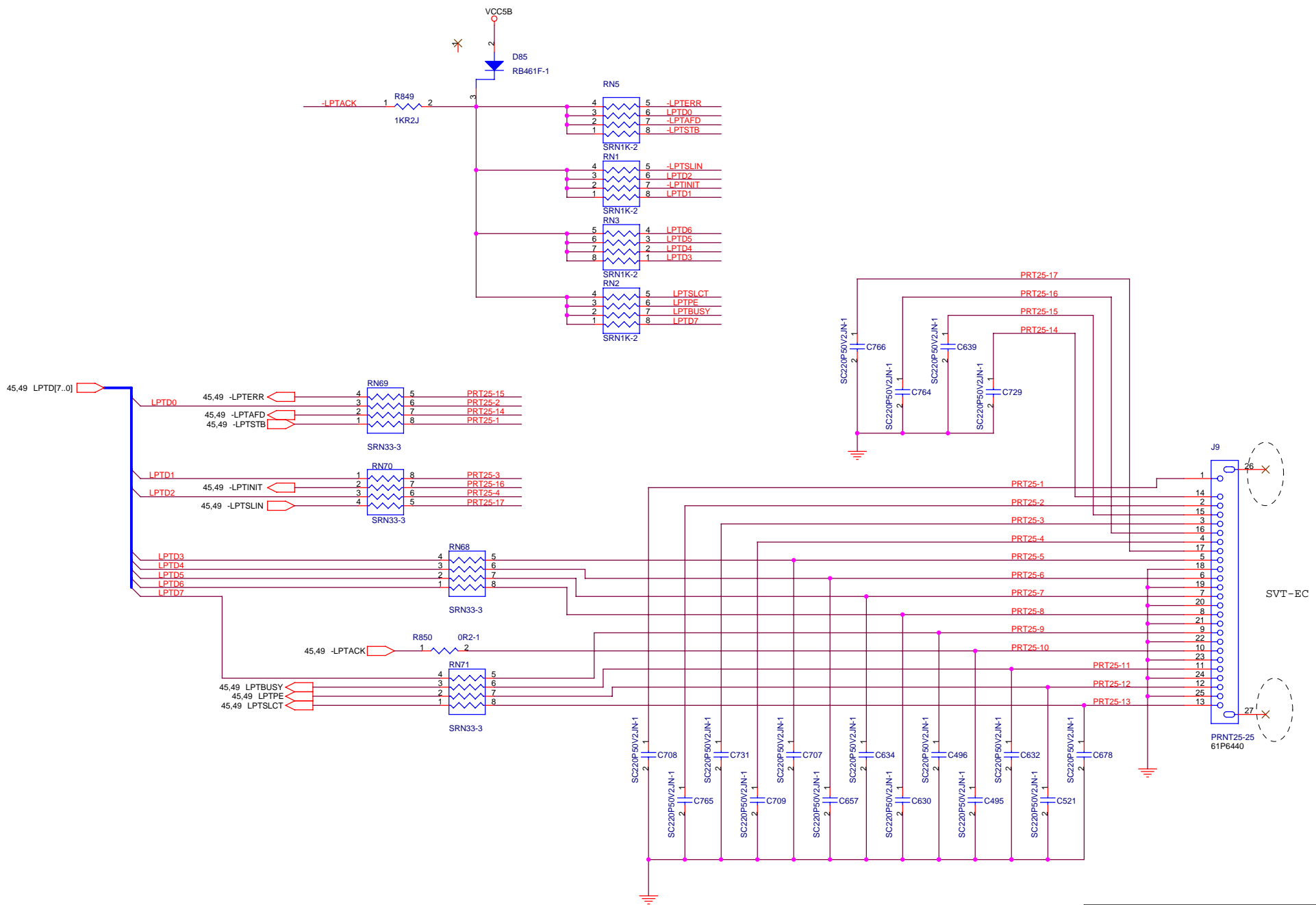
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**PMH6**

Title	<b>PMH6</b>	Rev
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<b>Y Note-5</b>		
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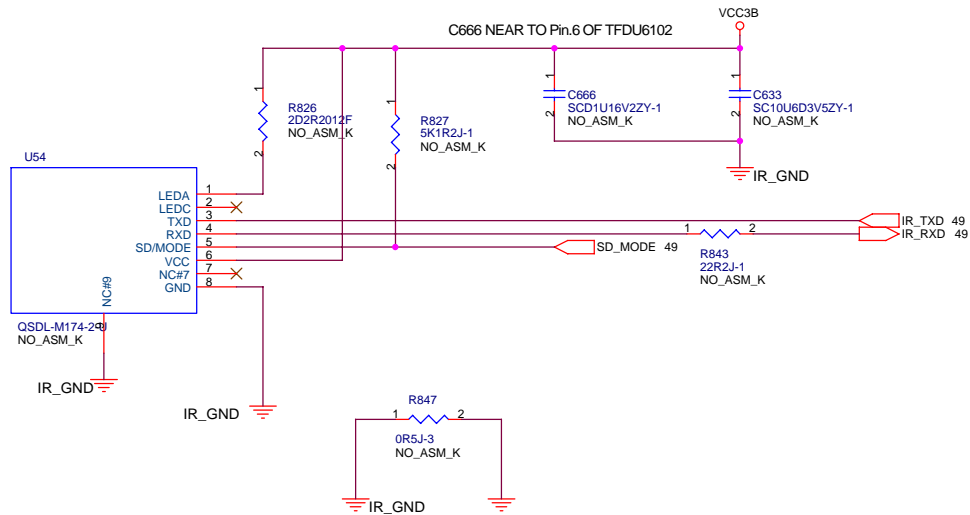
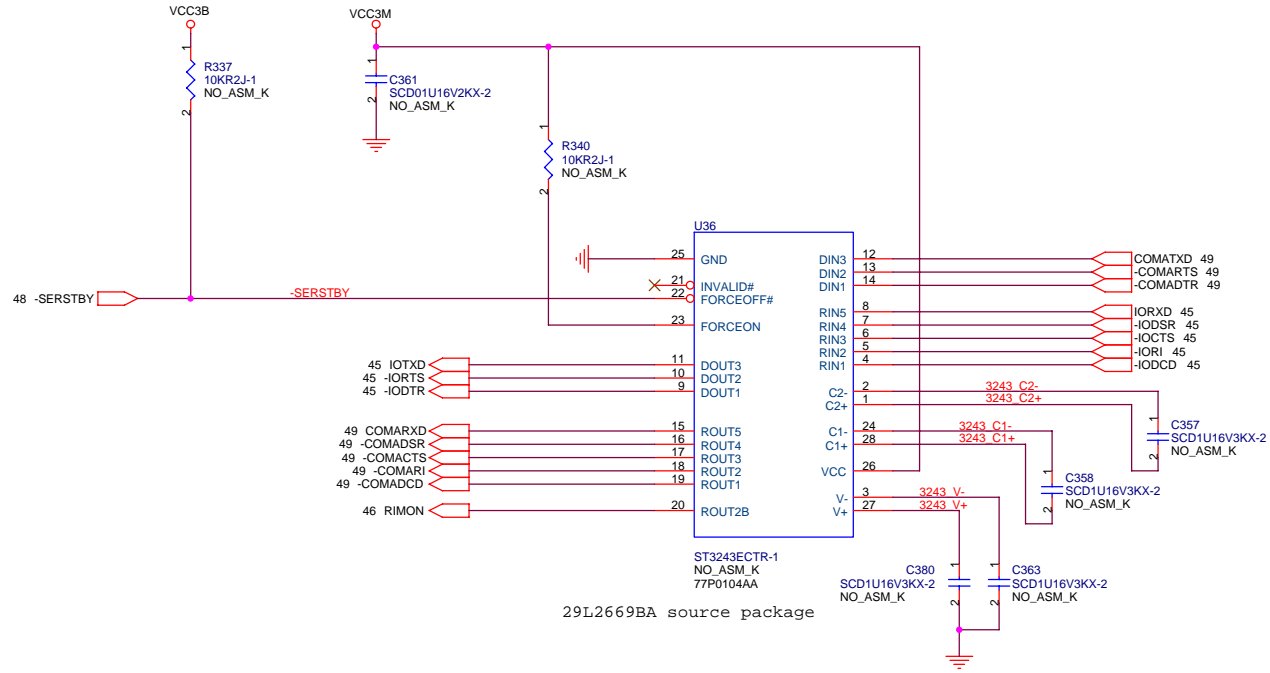




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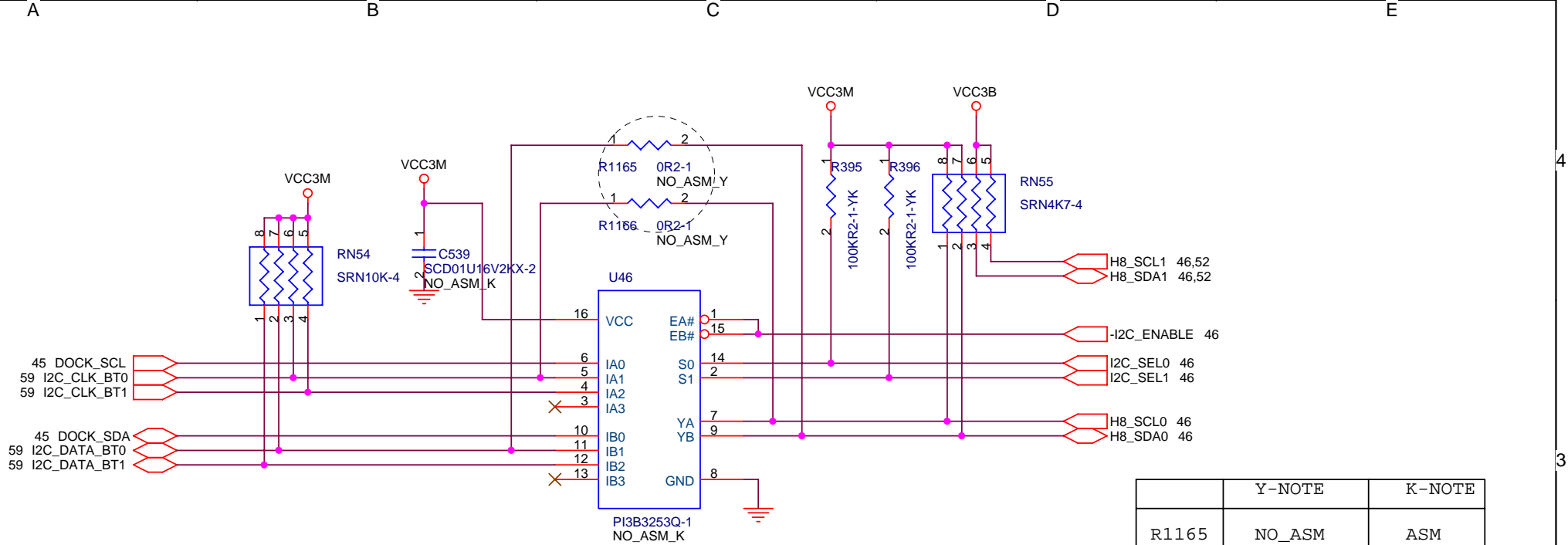
Title		
<b>PARALLEL</b>		
Size	Document Number	Rev
A3	<b>Y Note-5</b>	-2
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	Y-NOTE	K-NOTE
R337	ASM	NO_ASM
C361	ASM	NO_ASM
R340	ASM	NO_ASM
U54	ASM	NO_ASM
R826	ASM	NO_ASM
R827	NO_ASM	NO_ASM
C666	NO_ASM	NO_ASM
C633	ASM	NO_ASM
R843	ASM	NO_ASM
R847	ASM	NO_ASM
U36	ASM	NO_ASM
C357	ASM	NO_ASM
C358	ASM	NO_ASM
C363	ASM	NO_ASM
C380	ASM	NO_ASM

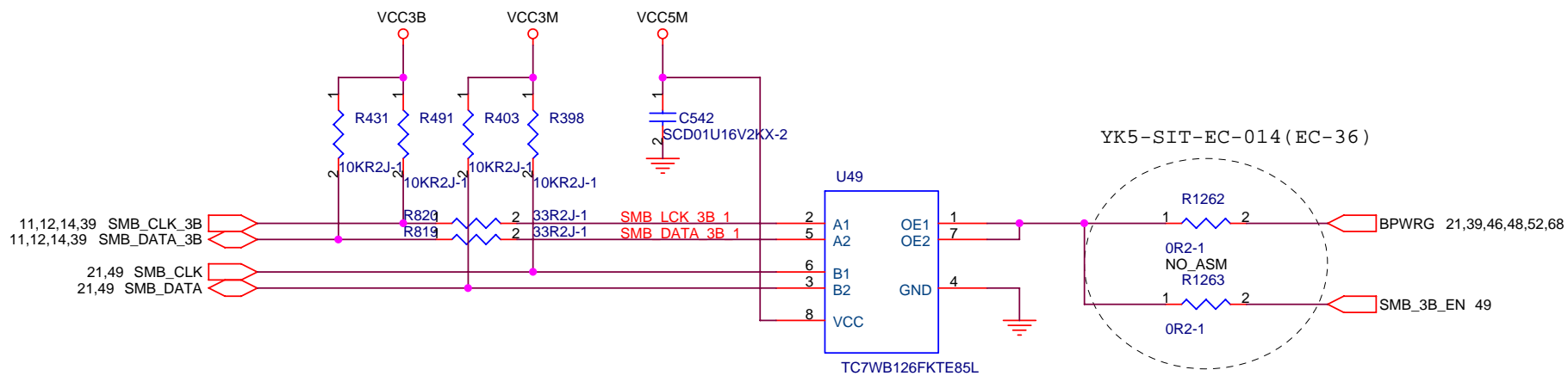


<b>緯創資通</b>		<b>Wistron Corporation</b>	
		21F, 88, Sec.1, Hsin Tai WJ Rd., Hsichih, Taipei Hsien 221, Taiwan, R.O.C.	
Title			
<b>SERIAL I/F &amp; IR MODULE</b>			
Size	Document Number	Rev	
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	Y-NOTE	K-NOTE
R1165	NO_ASM	ASM
R1166	NO_ASM	ASM
C539	ASM	NO_ASM
U46	ASM	NO_ASM

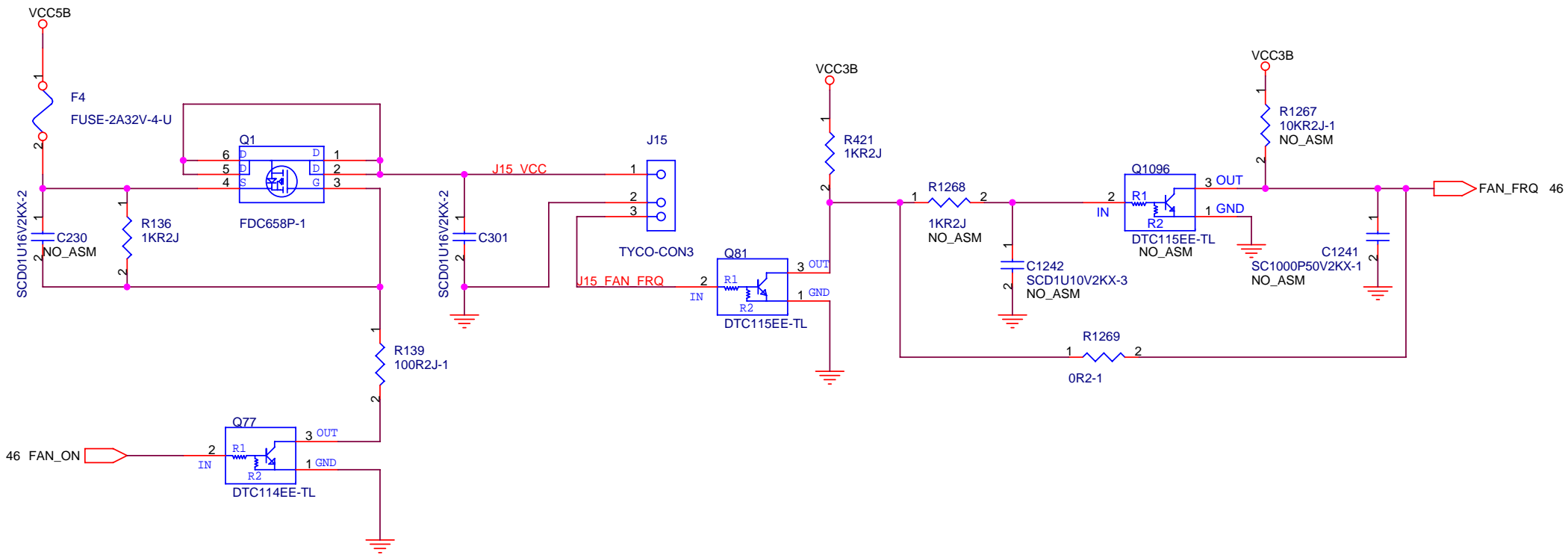


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 Taipei Hsien 221, Taiwan, R.O.C.

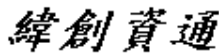
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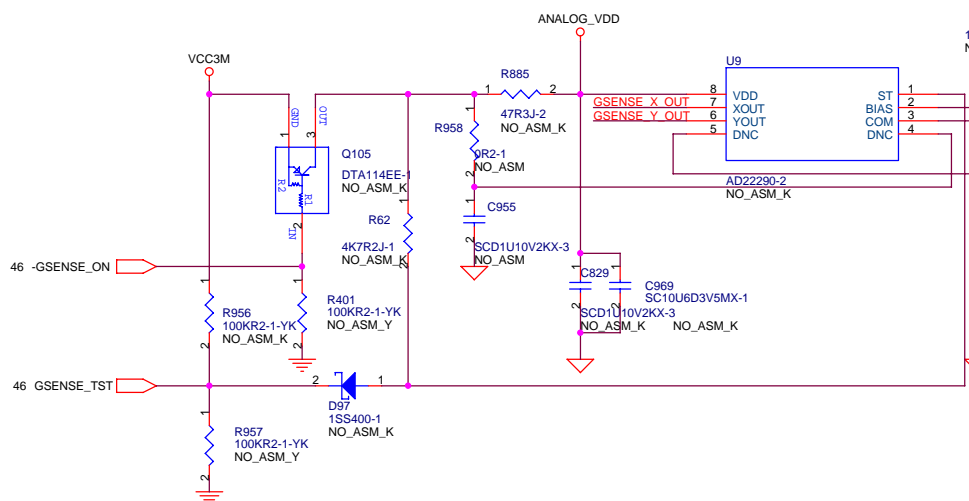
Size A4	Document Number <b>Y Note-5</b>	Rev -2
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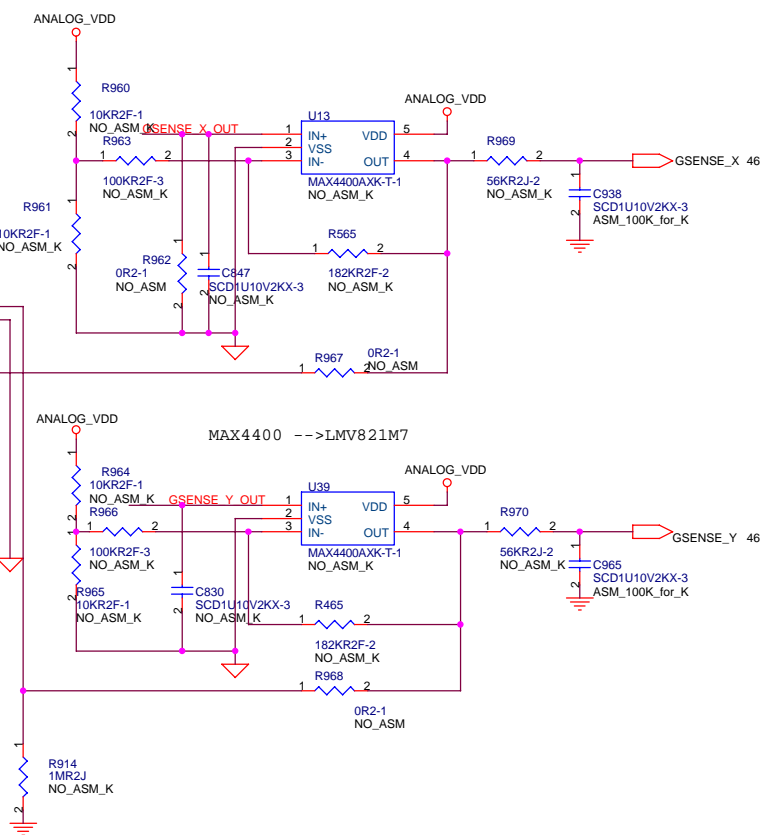
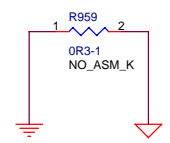
	Y-NOTE	K-NOTE
C230	NO_ASM	NO_ASM

 <b>Wistron Corporation</b> 21F, 88, Sec.1, Hsin Tai Wu Rd., Hsichih, Taipei Hsien 221, Taiwan, R.O.C.	
<b>FAN CONTROL</b>	
Title Size A4	Document Number <b>Y Note-5</b>
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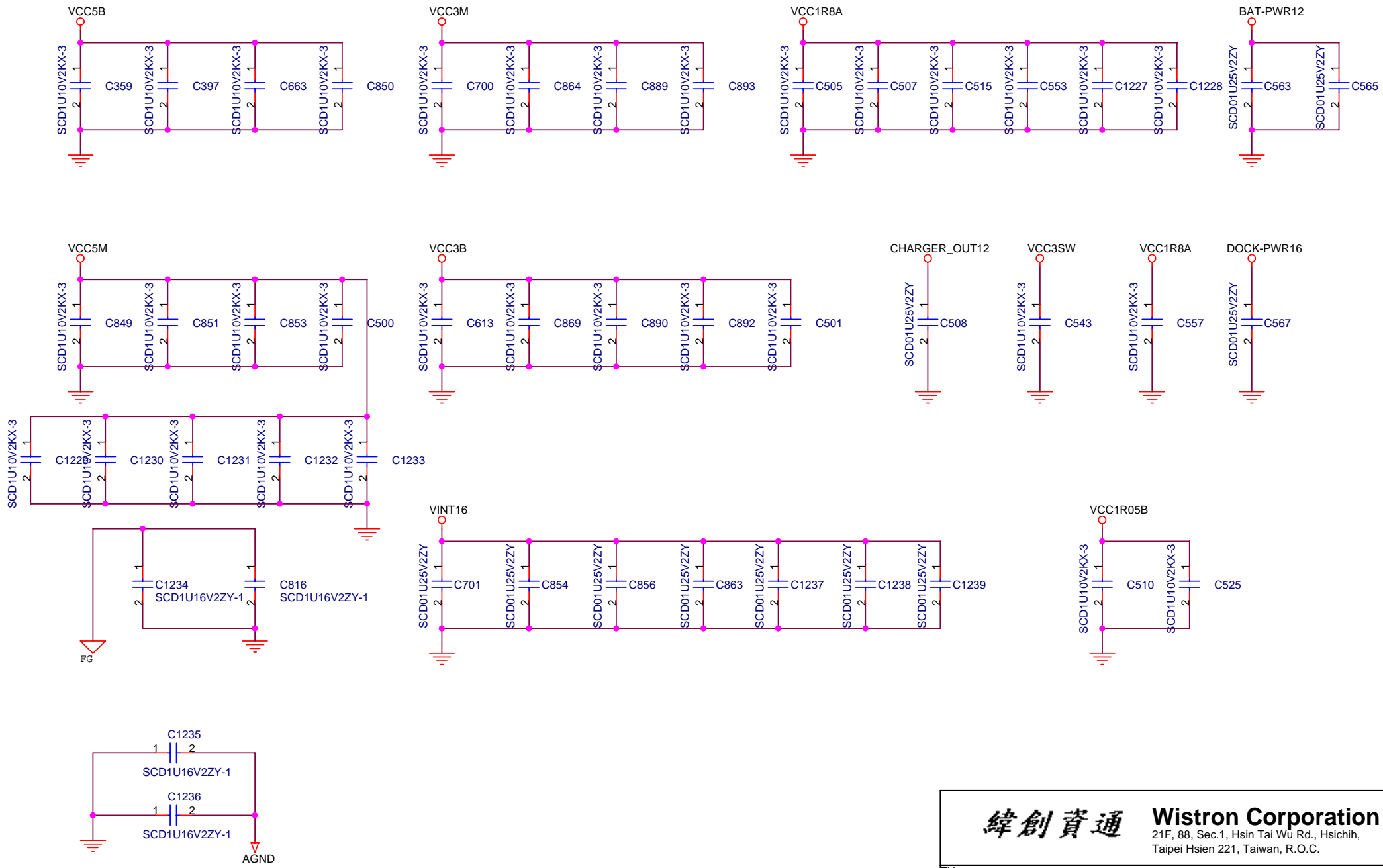


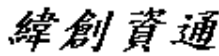
DEFAULT:AD22290

	ADI	MEMSIC	NO ACC.
R401	NO-ASM	NO-ASM	ASM
R957	NO-ASM	ASM	ASM
U9	AD22290	MXA2500	NO-ASM
U13	ASM	NO-ASM	NO-ASM
U39	ASM	NO-ASM	NO-ASM
Q105	ASM	ASM	NO-ASM
D97	ASM	NO-ASM	NO-ASM
R956	ASM	NO-ASM	NO-ASM
R62	ASM	NO-ASM	NO-ASM
R885	47-OHM	10-OHM	NO-ASM
C829	ASM	ASM	NO-ASM
C969	ASM	NO-ASM	NO-ASM
R914	ASM	NO-ASM	NO-ASM
R959	ASM	ASM	NO-ASM
C830	ASM	NO-ASM	NO-ASM
C847	ASM	NO-ASM	NO-ASM
R960	ASM	NO-ASM	NO-ASM
R961	ASM	NO-ASM	NO-ASM
R963	ASM	NO-ASM	NO-ASM
R565	ASM	NO-ASM	NO-ASM
R964	ASM	NO-ASM	NO-ASM
R965	ASM	NO-ASM	NO-ASM
R966	ASM	NO-ASM	NO-ASM
R465	ASM	NO-ASM	NO-ASM
R969	56K	8.2K	NO-ASM
C938	ASM	ASM	100K
R970	56K	8.2K	NO-ASM
C956	ASM	ASM	NO-ASM
R958	NO-ASM	ASM	NO-ASM
C955	NO-ASM	ASM	NO-ASM
R962	NO-ASM	ASM	NO-ASM
R967	NO-ASM	ASM	NO-ASM
R968	NO-ASM	ASM	NO-ASM
C965	ASM	ASM	100K

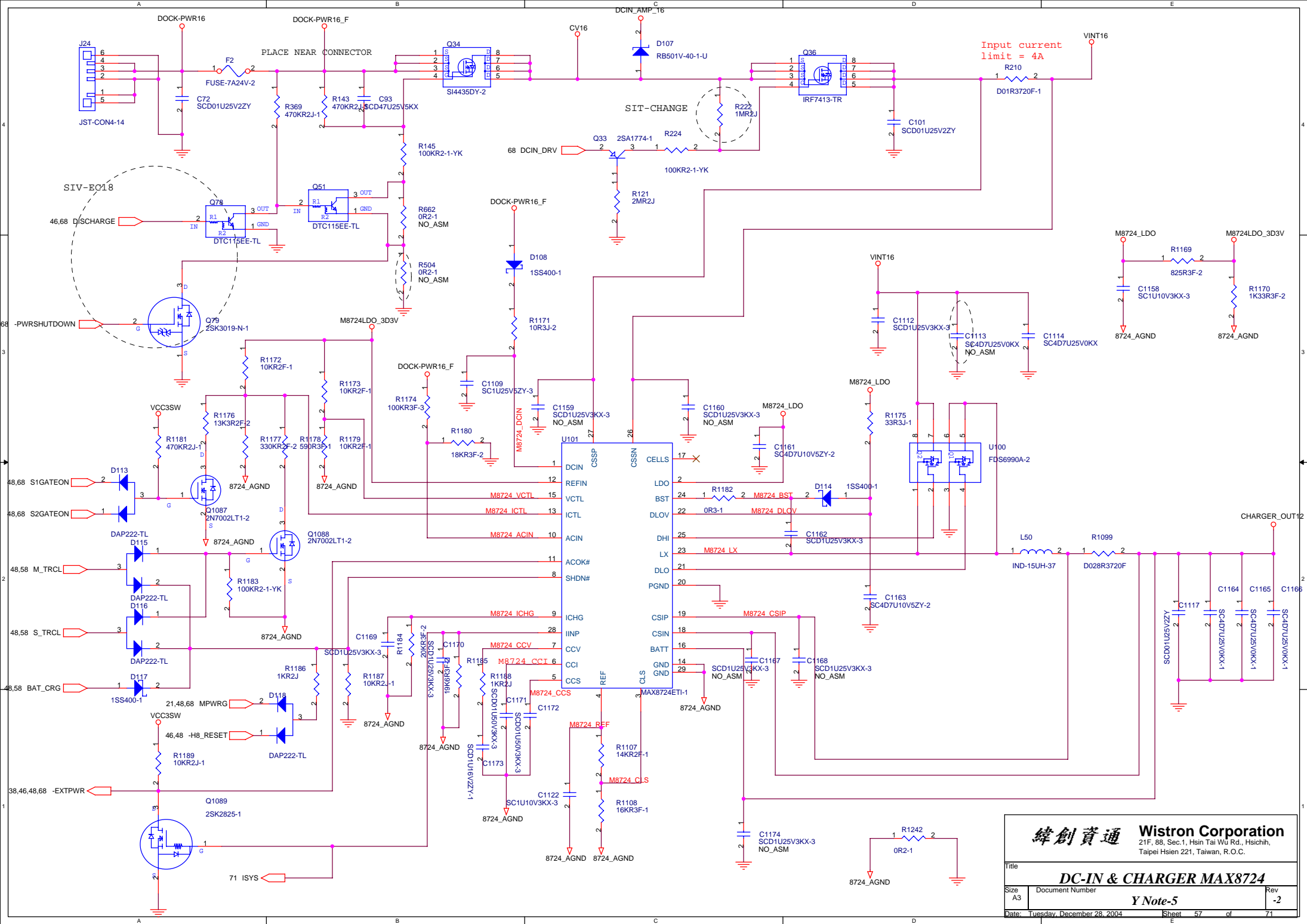


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		21F, 8B, Sec.1, Hsin Tai Wu Rd., Hsichih, Taipei Hsien 221, Taiwan, R.O.C.	
Title <b>G-SENSOR</b>			
Size A3	Document Number	<b>Y Note-5</b>	
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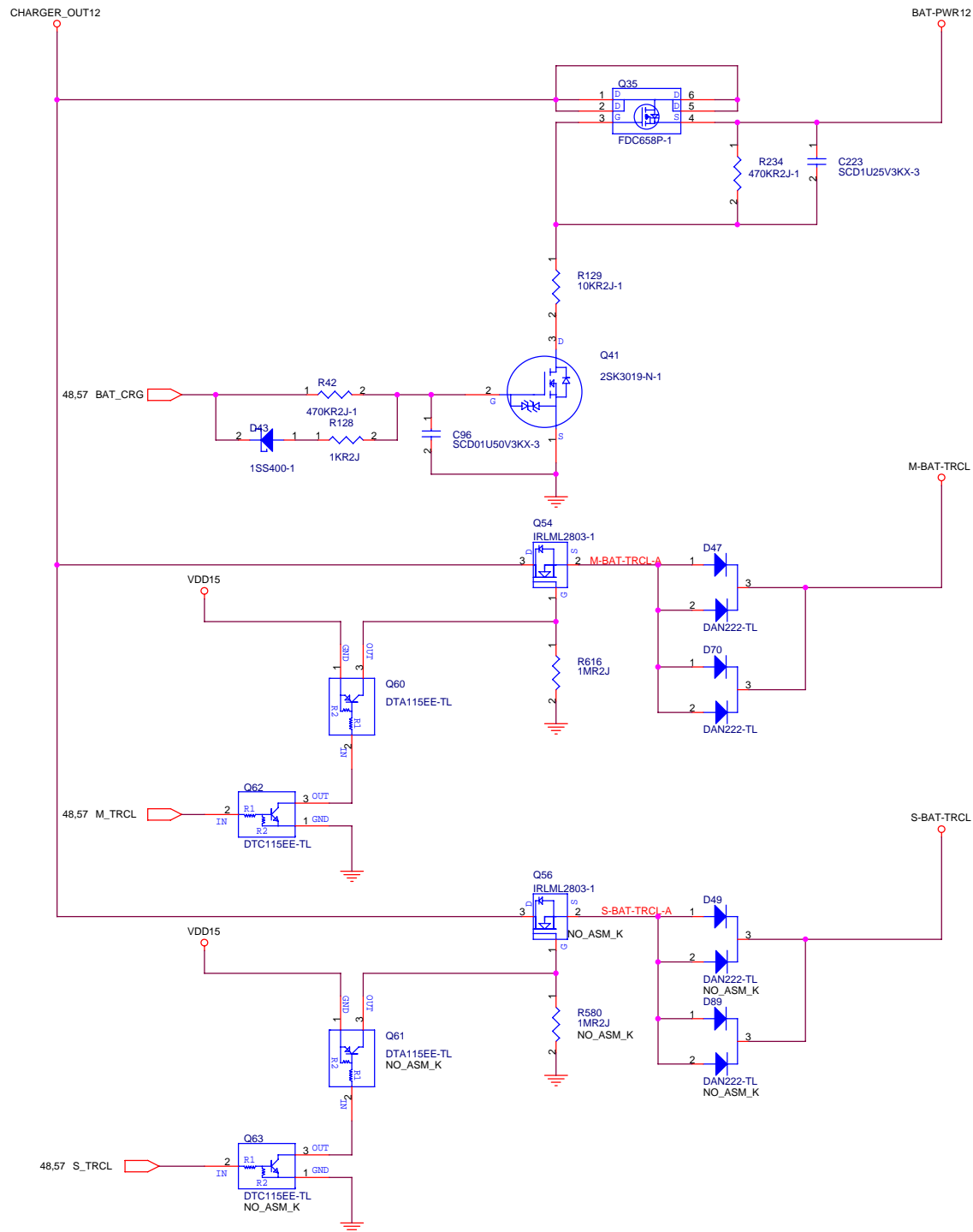
 <b>Wistron Corporation</b> 21F, 88, Sec.1, Hsin Tai Wu Rd., Hsichih, Taipei Hsien 221, Taiwan, R.O.C.	
<b>EMC CAP</b>	
Title Size A4	Document Number <b>Y Note-5</b>
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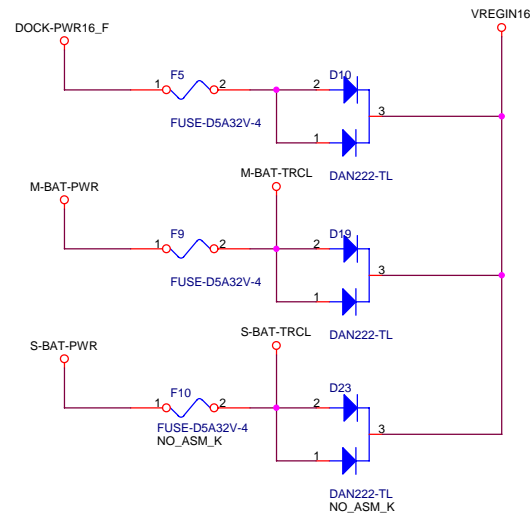
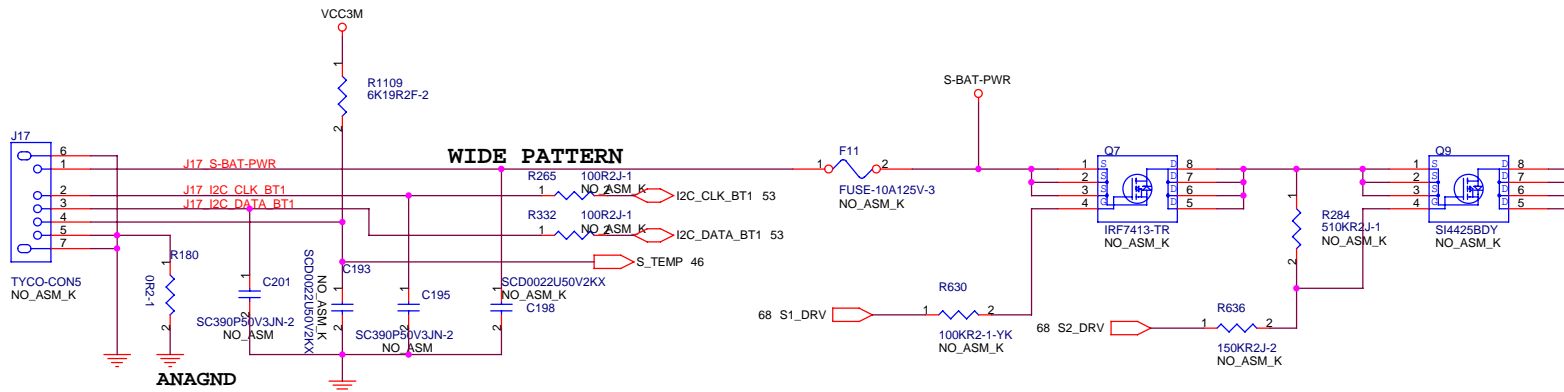
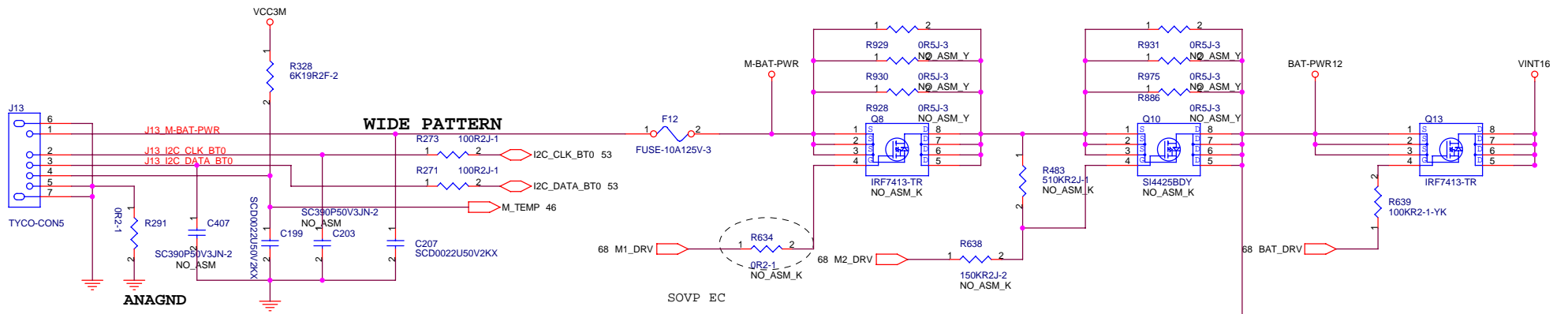
Title		<b>DC-IN &amp; CHARGER MAX8724</b>	
Size	A3	Document Number	<b>Y Note-5</b>
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	Y-NOTE	K-NOTE
Q56	ASM	NO_ASM
Q61	ASM	NO_ASM
R580	ASM	NO_ASM
D49	ASM	NO_ASM
D89	ASM	NO_ASM
Q63	ASM	NO_ASM

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<b>CHARGE SELECTOR</b>		
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	K-NOTE	Y-NOTE
C193	NO_ASM	ASM
C198	NO_ASM	ASM
F10	NO_ASM	ASM
D23	NO_ASM	ASM
F11	NO_ASM	ASM
Q7	NO_ASM	ASM
Q9	NO_ASM	ASM
R265	NO_ASM	ASM
R284	NO_ASM	ASM
R332	NO_ASM	ASM
R630	NO_ASM	ASM
R636	NO_ASM	ASM
Q8	NO_ASM	ASM
Q10	NO_ASM	ASM
R483	NO_ASM	ASM
R634	NO_ASM	ASM
R638	NO_ASM	ASM
J17	NO_ASM	ASM
R929	ASM	NO_ASM
R930	ASM	NO_ASM
R931	ASM	NO_ASM
R928	ASM	NO_ASM
R886	ASM	NO_ASM
R975	ASM	NO_ASM
C195	NO_ASM	NO_ASM
C201	NO_ASM	NO_ASM
C203	NO_ASM	NO_ASM
C407	NO_ASM	NO_ASM

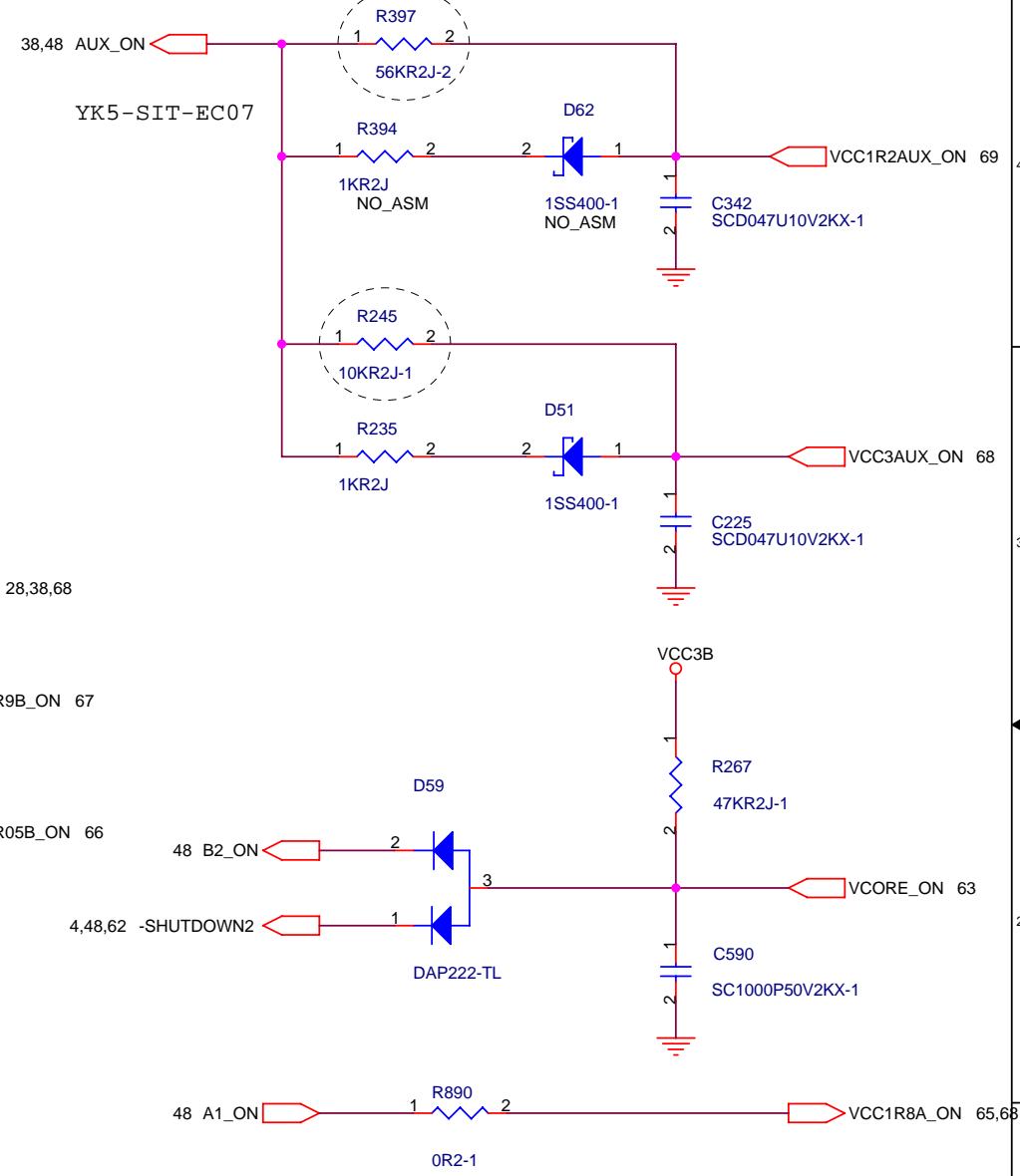
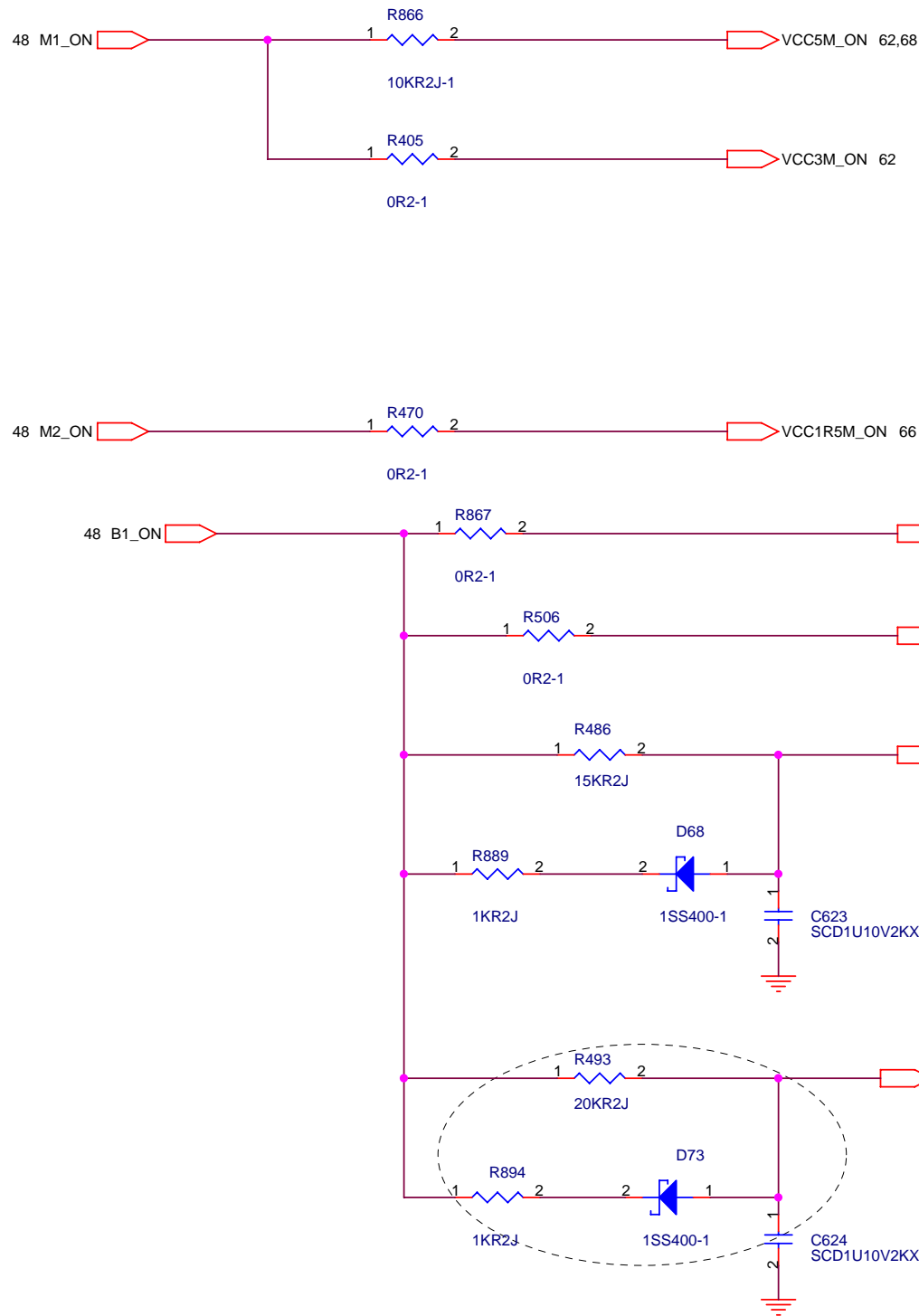
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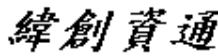
Title: **BATTERY INPUT**

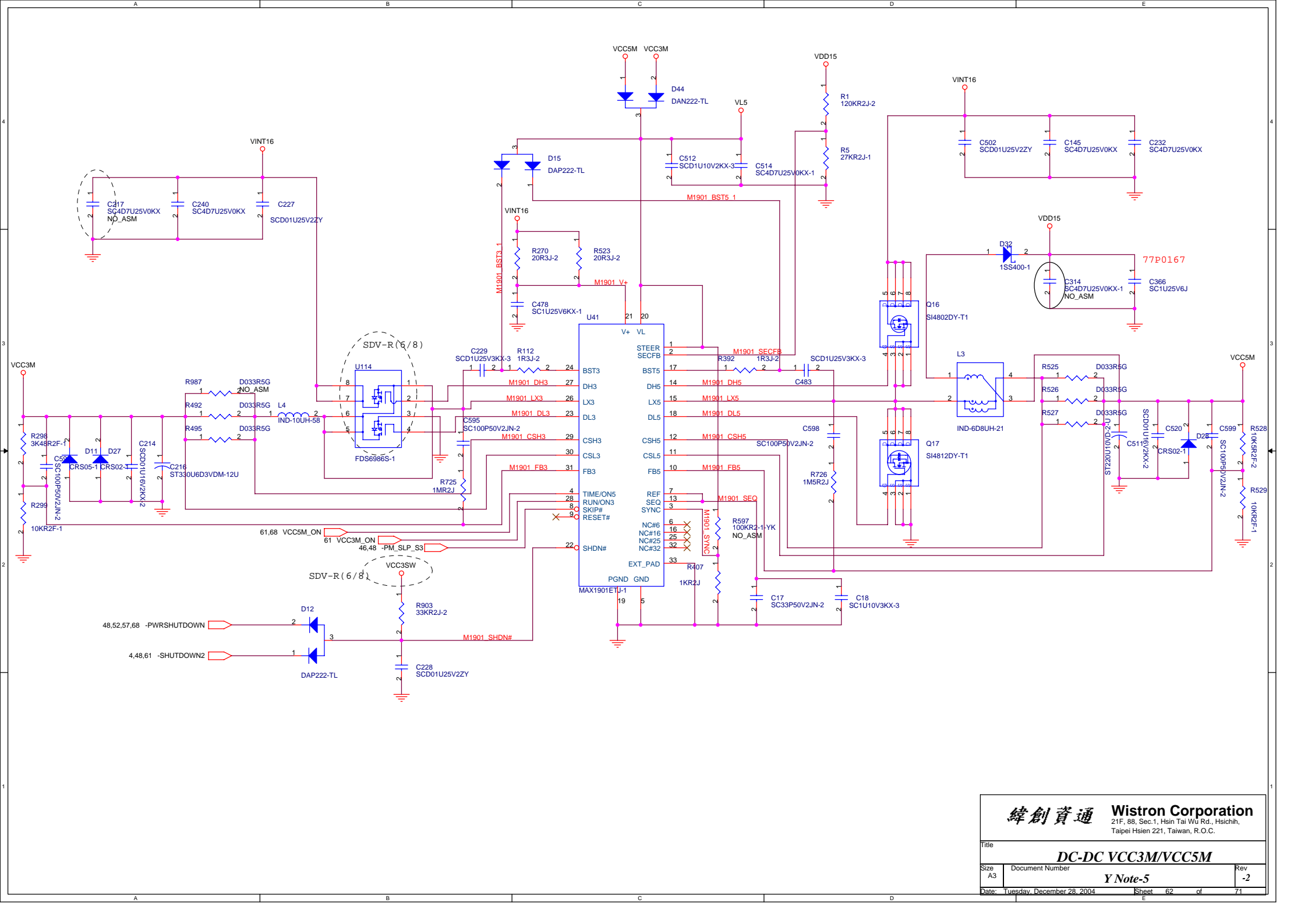
Size: A3	Document Number: <b>Y Note-5</b>	Rev: -2
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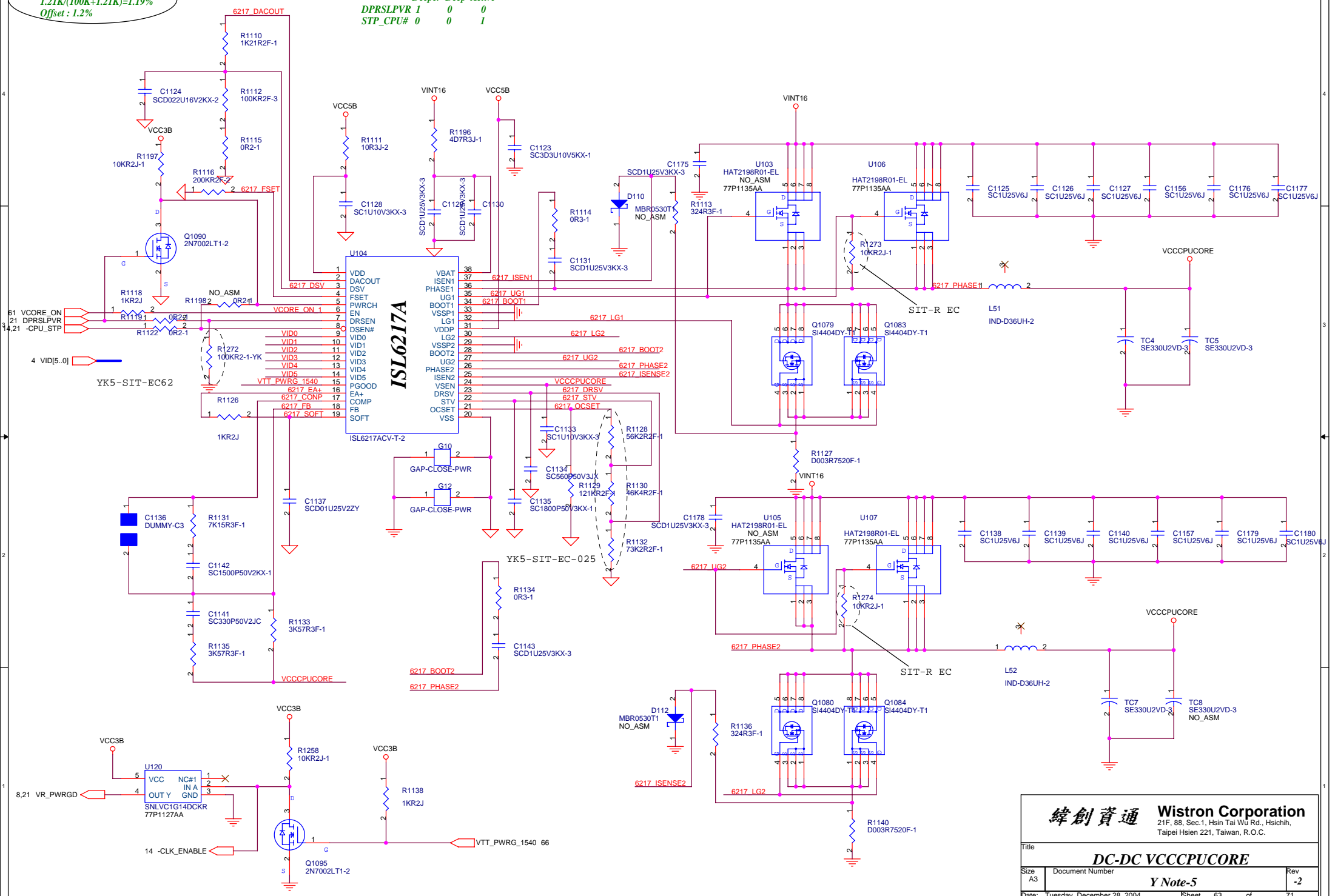


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<b>POWER SEQUENCE</b>	
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Deep\_Sleep  
 $1.21K/(100K+1.21K)=1.19\%$   
 Offset : 1.2%

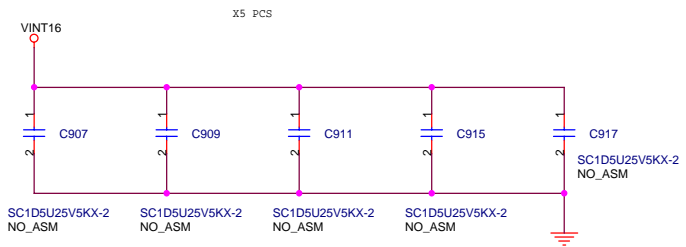
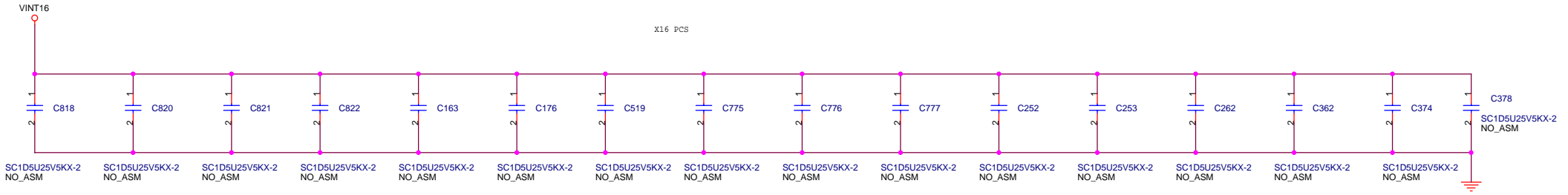
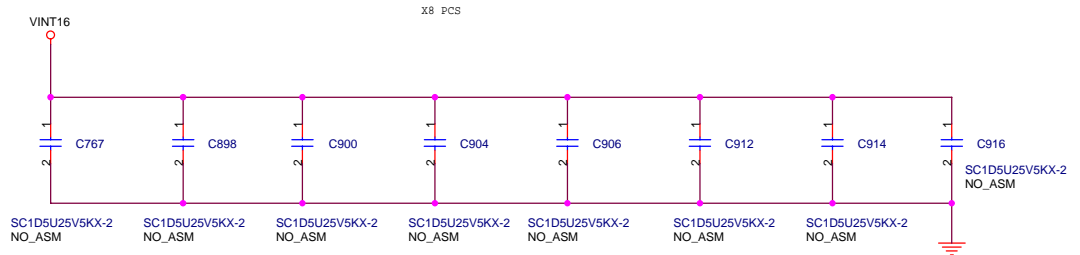
Deeper Deep Active  
 DPRSLPVR 1 0 0  
 STP\_CPU# 0 0 1



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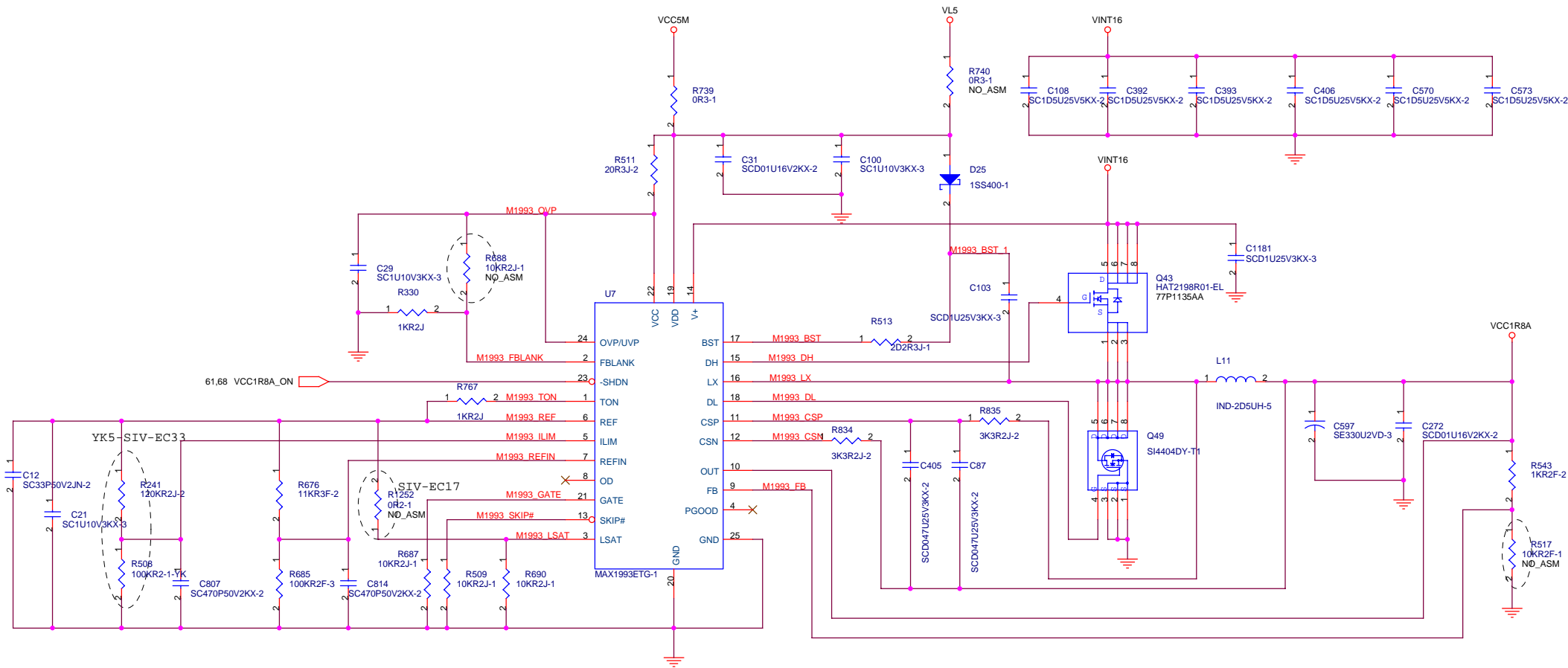
Title		
<b>DC-DC VCCPCUCORE</b>		
Size	Document Number	Rev
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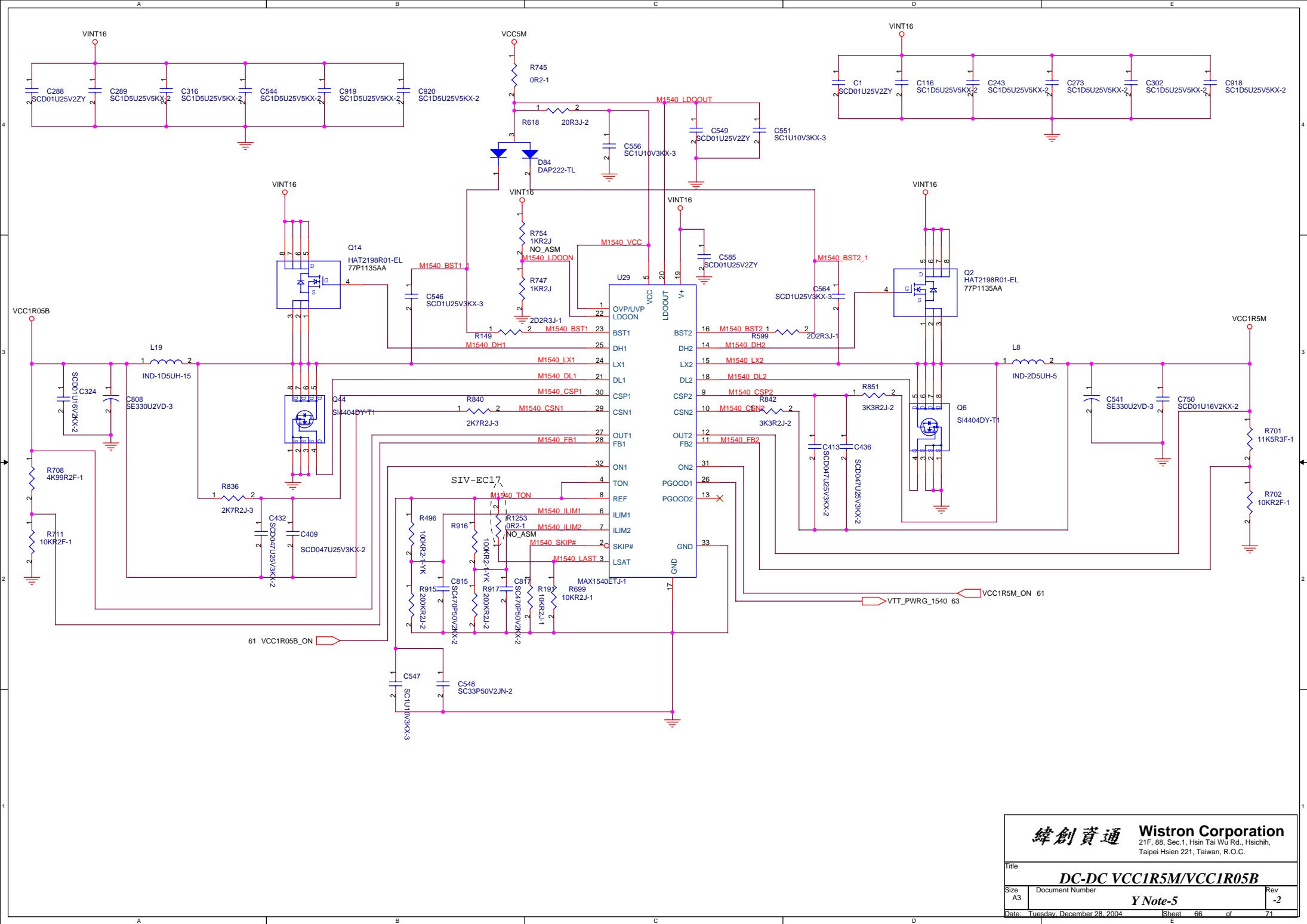
ALL CAPS ON THIS PAGE ARE NO-ASM FOR VCCCPUCORE.



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<b>DC-DC VCCCPUCORE INPUT CAP</b>			
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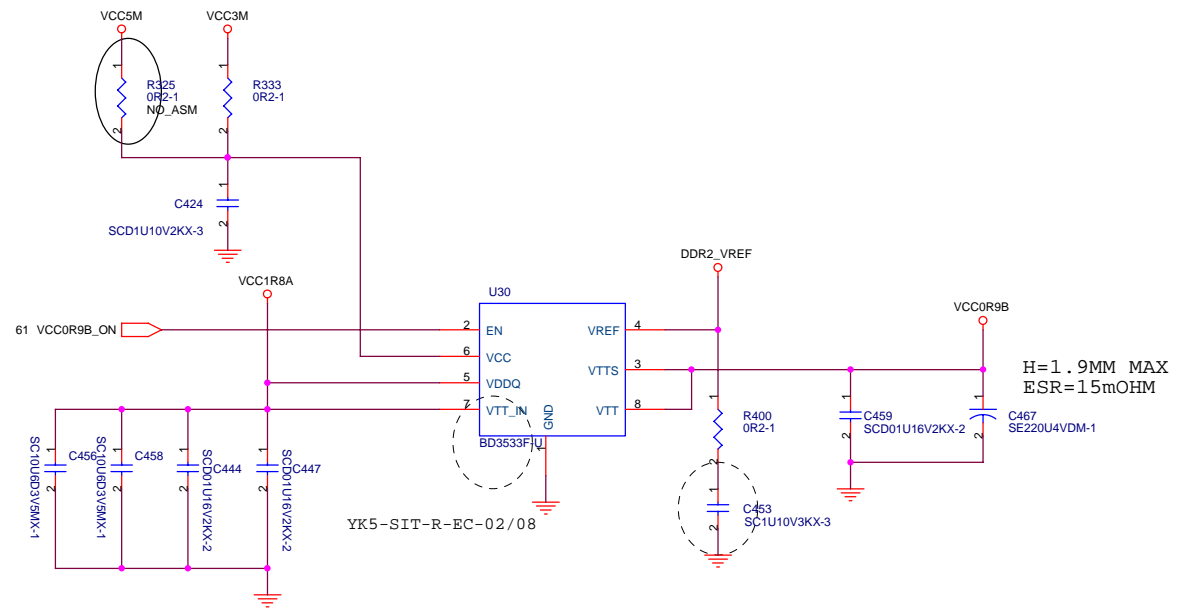
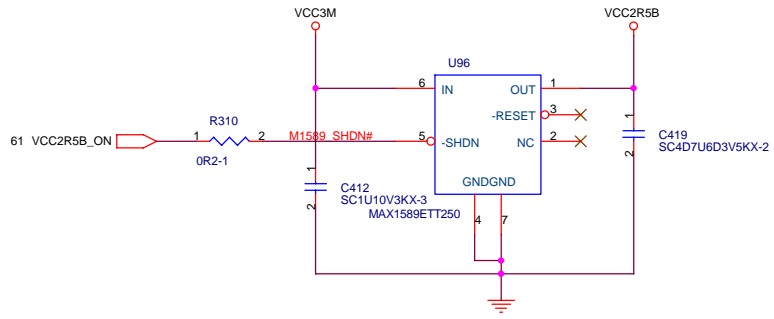




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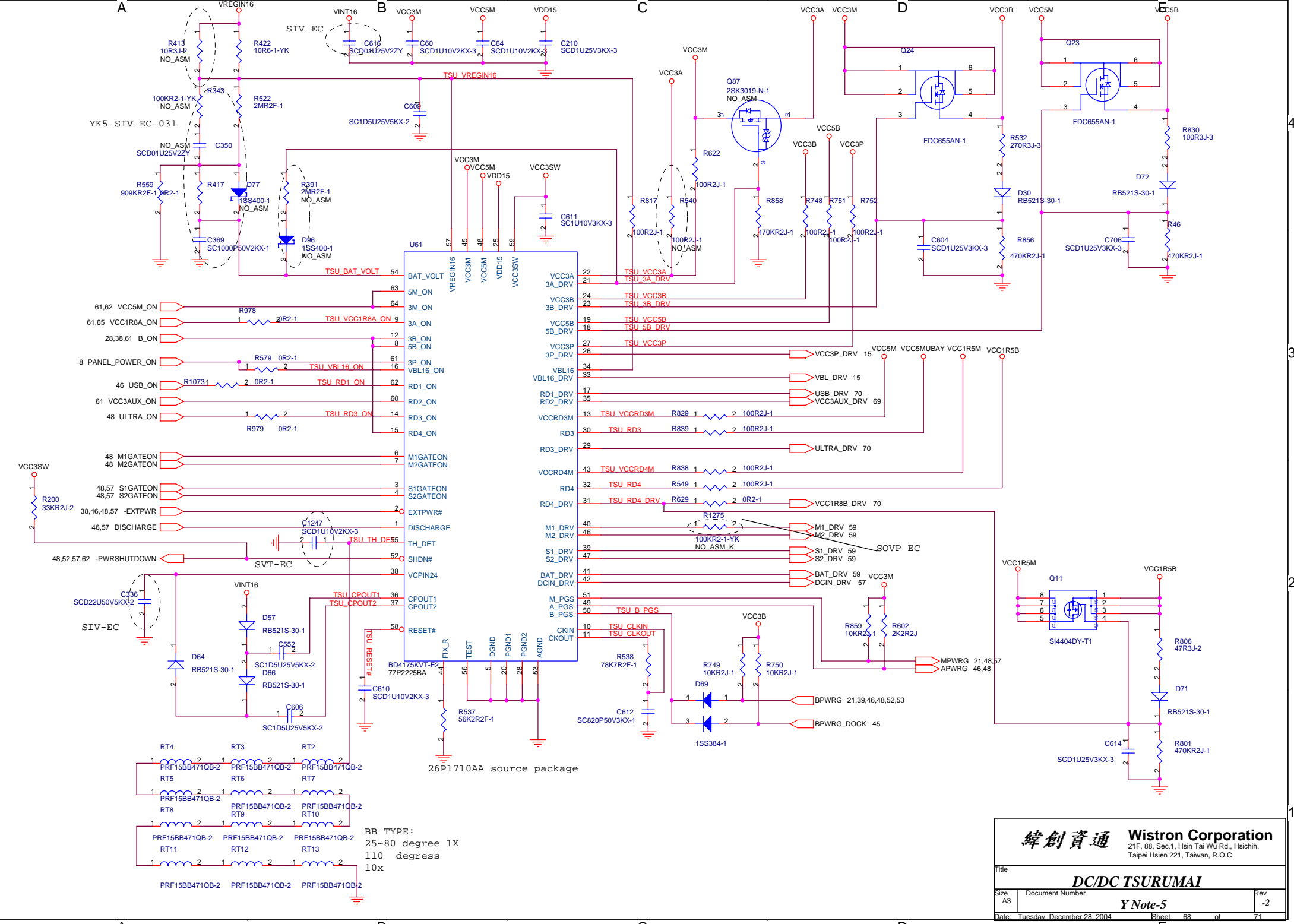
Title		<b>DC-DC VCC1R5M/VCC1R05B</b>	
Size	Document Number		Rev
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	Y-NOTE	K-NOTE
R325	NO_ASM	NO_ASM



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Title			DC-DC VCC2R5A/VCC0R9B		
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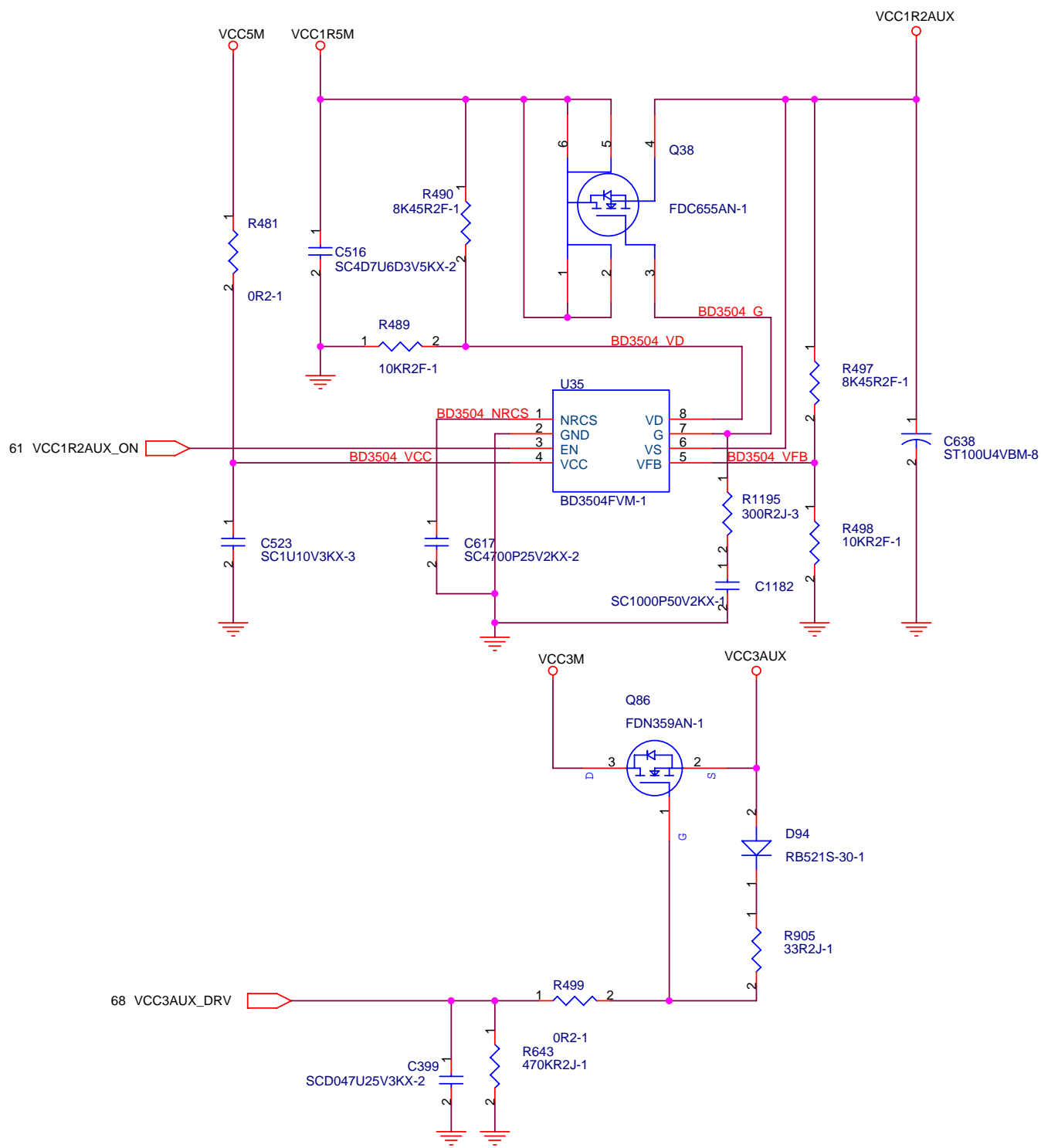



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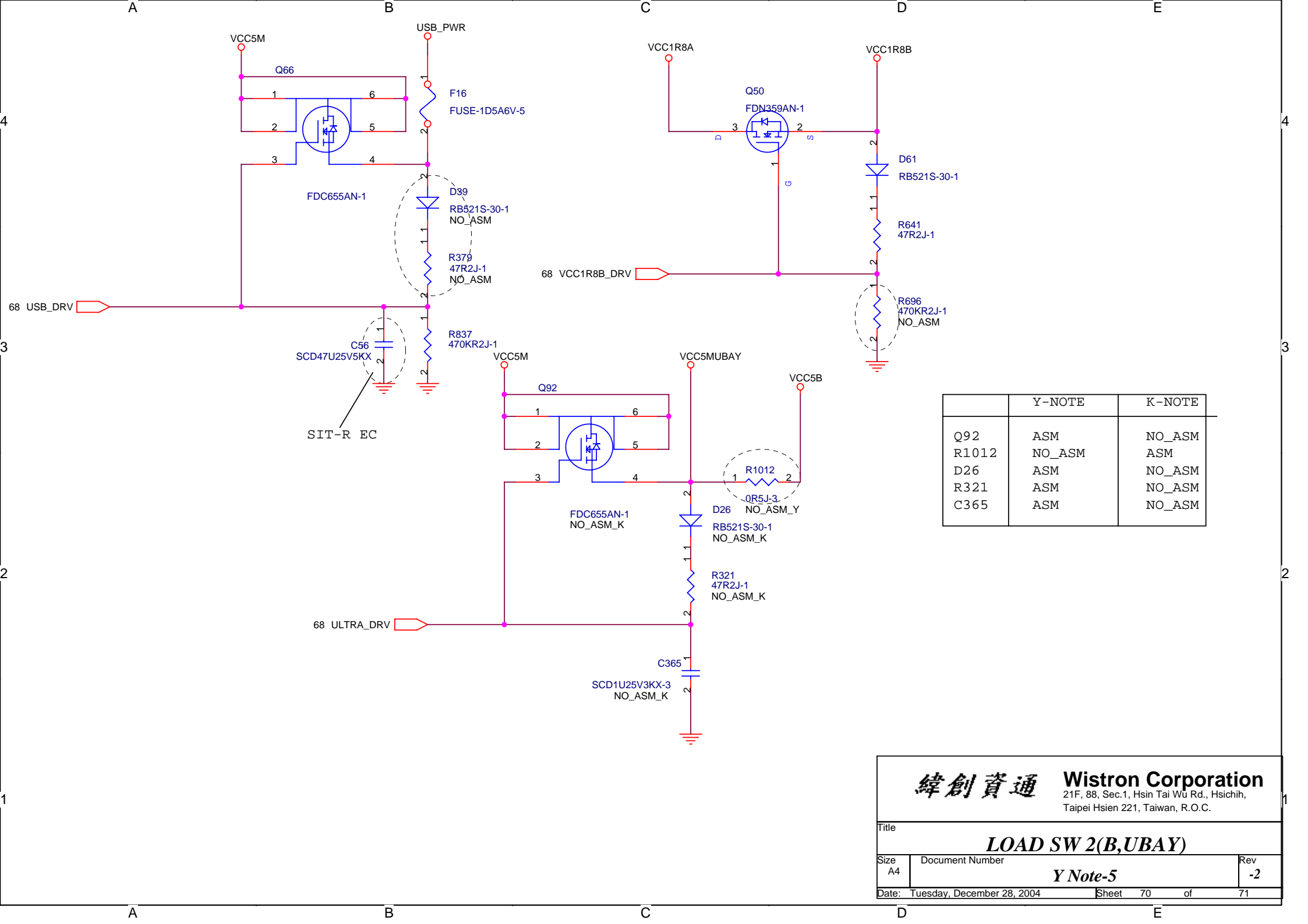
Title		
<b>DC/DC TSURUMAI</b>		
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BB TYPE:  
 25~80 degree 1X  
 110 degress  
 10x

26P1710AA source package



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<b>LOAD SW 1(AUX)</b>	
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	Y-NOTE	K-NOTE
Q92	ASM	NO_ASM
R1012	NO_ASM	ASM
D26	ASM	NO_ASM
R321	ASM	NO_ASM
C365	ASM	NO_ASM

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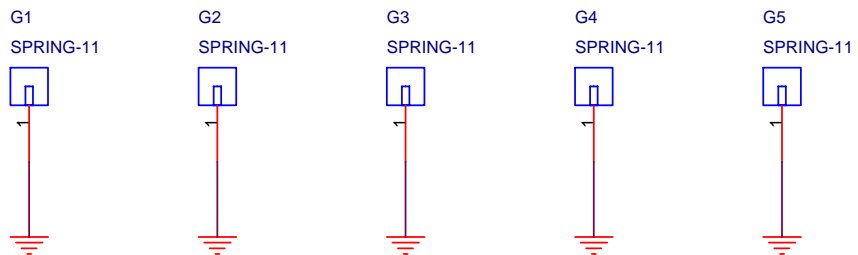
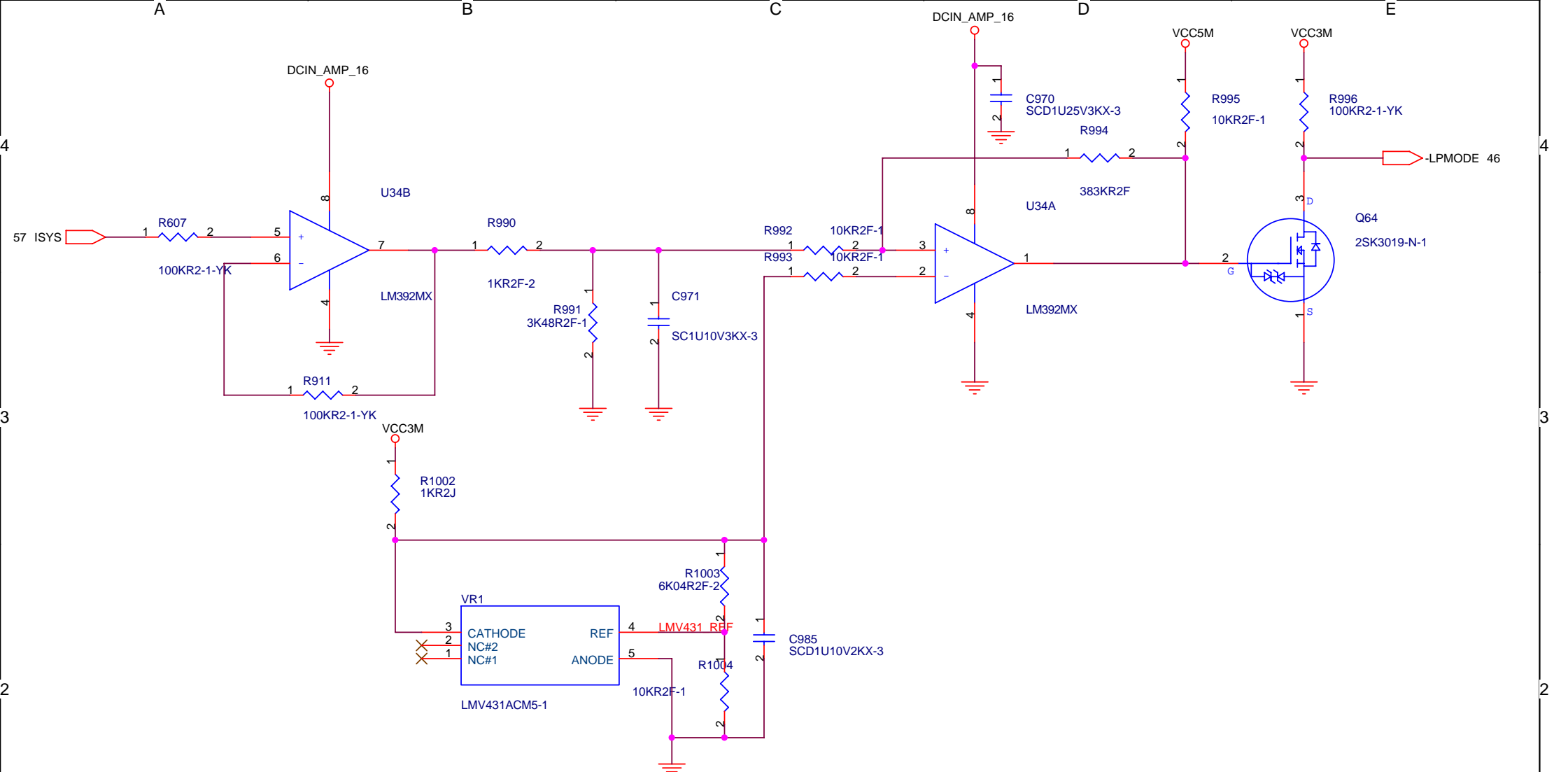
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Title

**LOAD SW 2(B,UBAY)**

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Vendor P/N: ATE-C-306

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Title			
<b>MAX POWER CTRL</b>			
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