

# Y Note-6 Block Diagram

04211-3 SIT  
39T5202

## 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

INPUTS	OUTPUTS
VINT16	VCC5M VCC3M

## Battery Charger/Selector

MAX8724

CV16	M-BAT-PWR S-BAT-PWR
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## GMCH/ICH6 CORE

MAX1540

VINT16	VCCIR05B VCCIR5M
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## CPU DC/DC

ISL6217

VINT16	VCCCPUCORE
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## DDR2 DC/DC

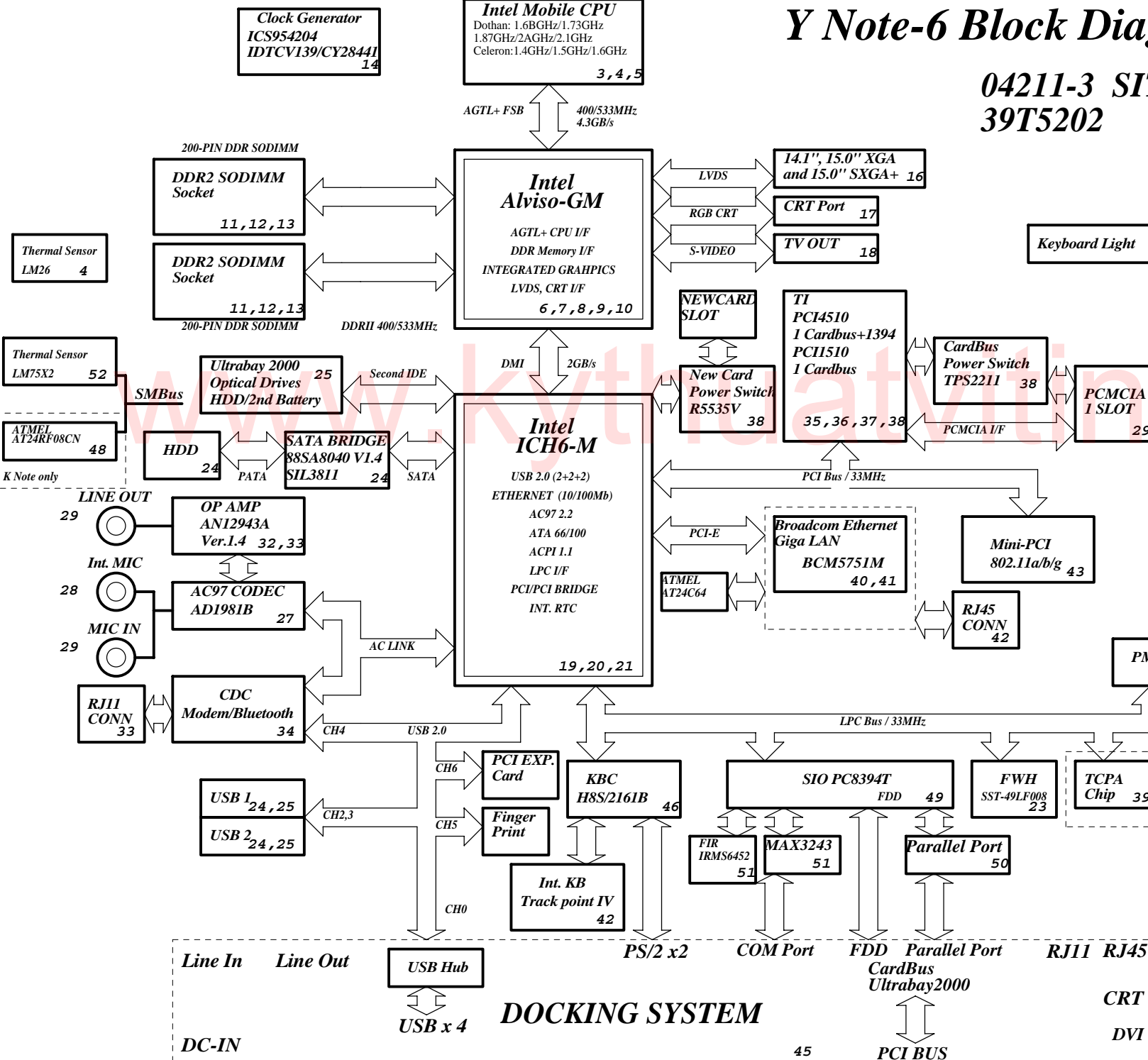
MAX1993

VINT16	VCCIR8M
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## LVDS/DDR2\_VREF

MAX1589/LP2996MR

VCC3M VCCIR8A	VCC2R5A VCCOR9B
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Title		
<b>Block Diagram</b>		
Size A3	Document Number	Rev
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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

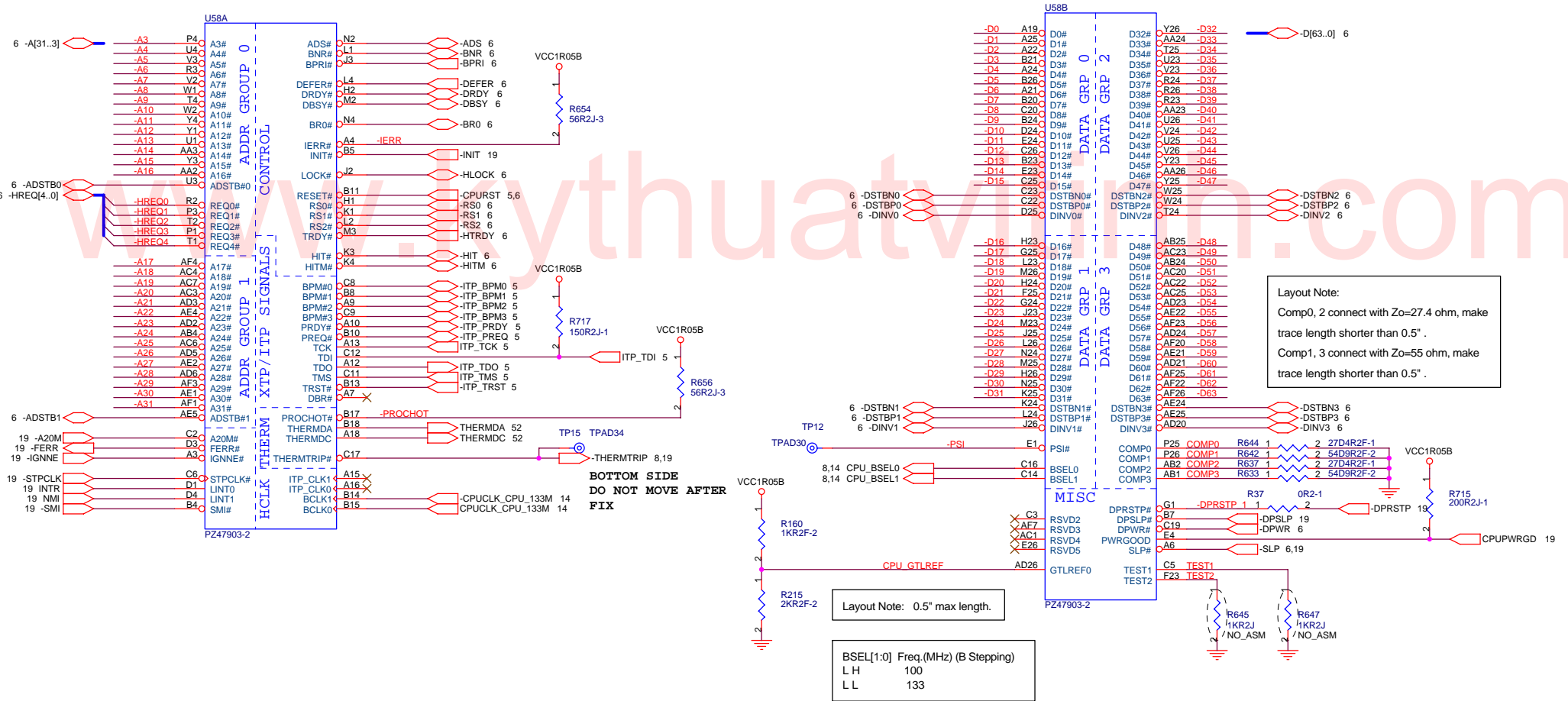
### PLANAR\_ID[3...0]

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>	
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	Y-NOTE	K-NOTE
R645	NO_ASM	NO_ASM
R647	NO_ASM	NO_ASM

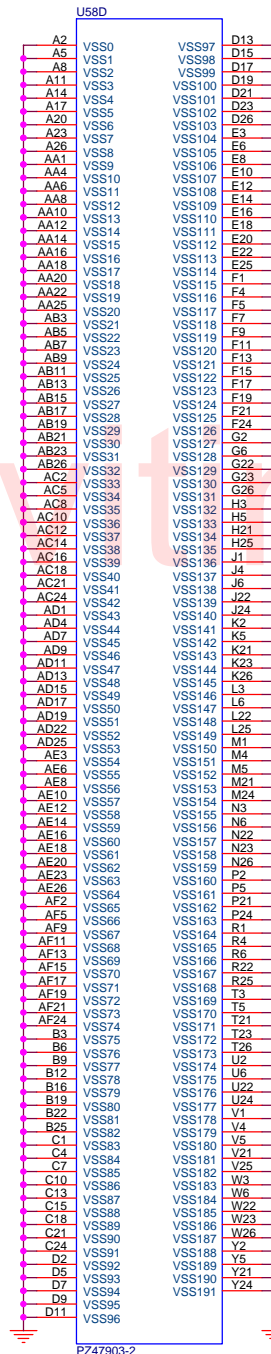
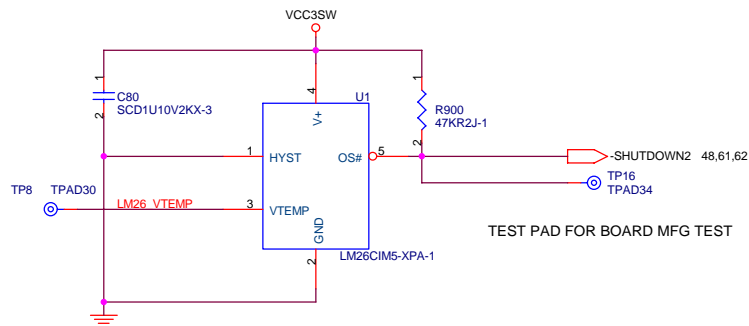
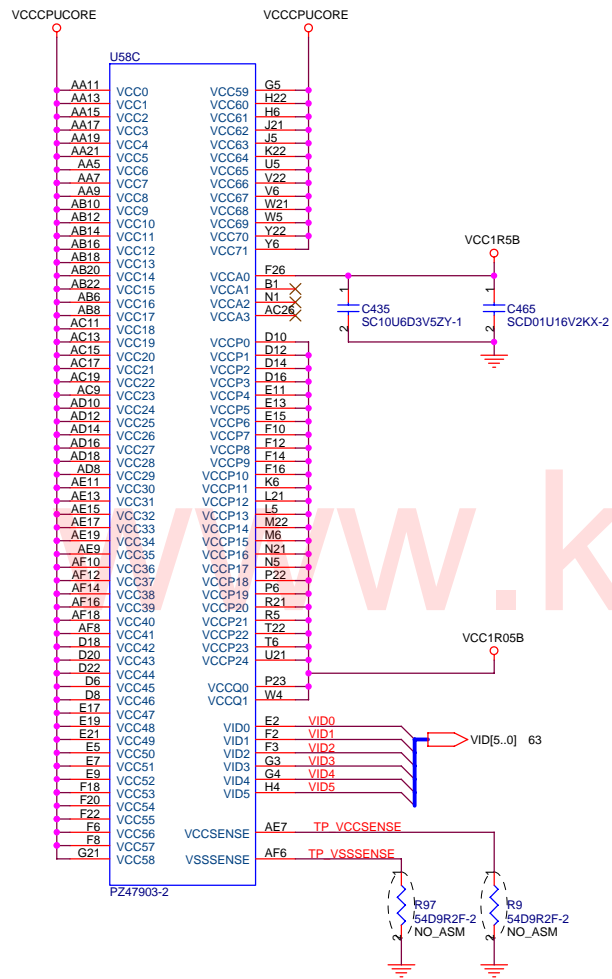


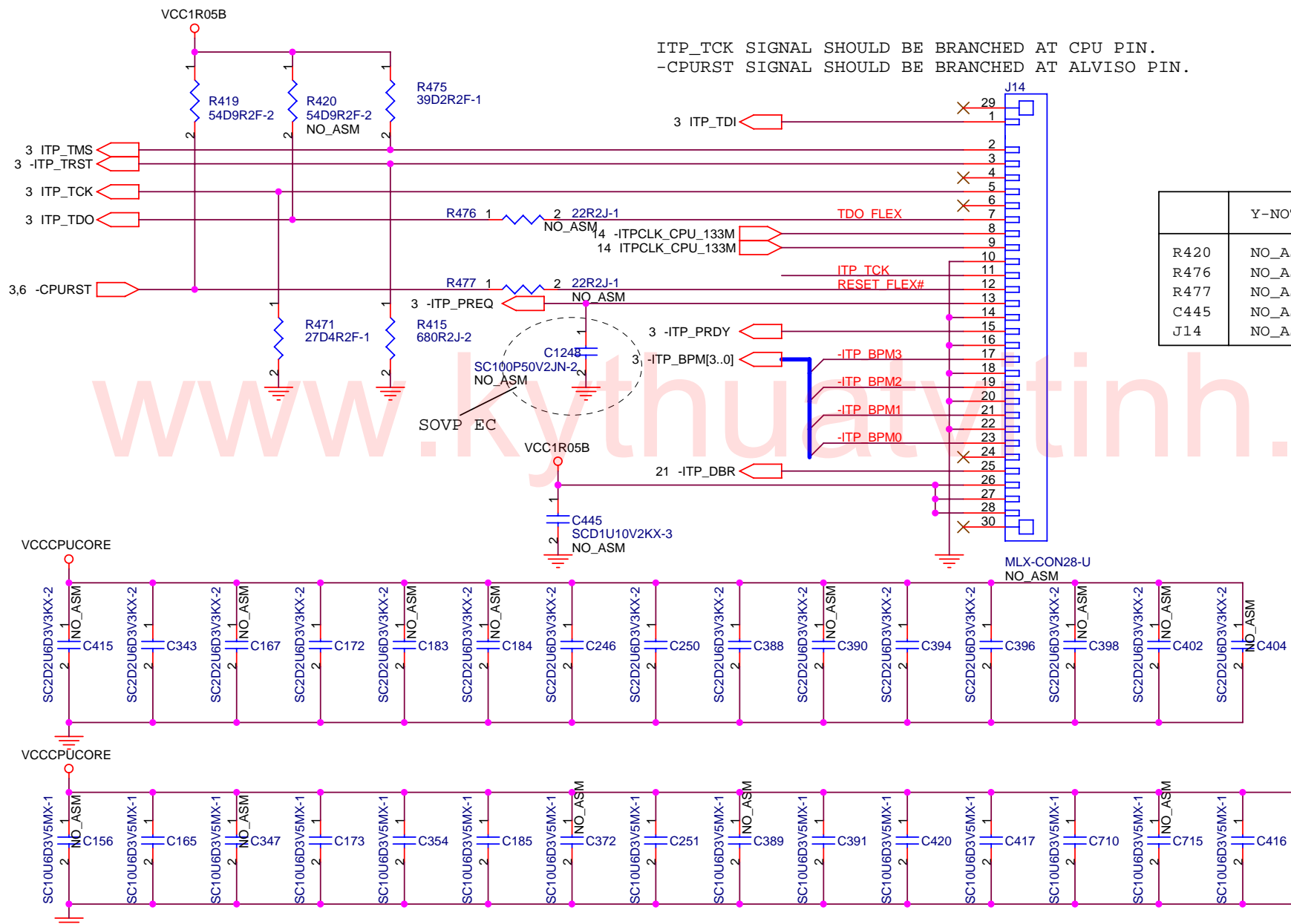
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Title: **CPU (1/2)**

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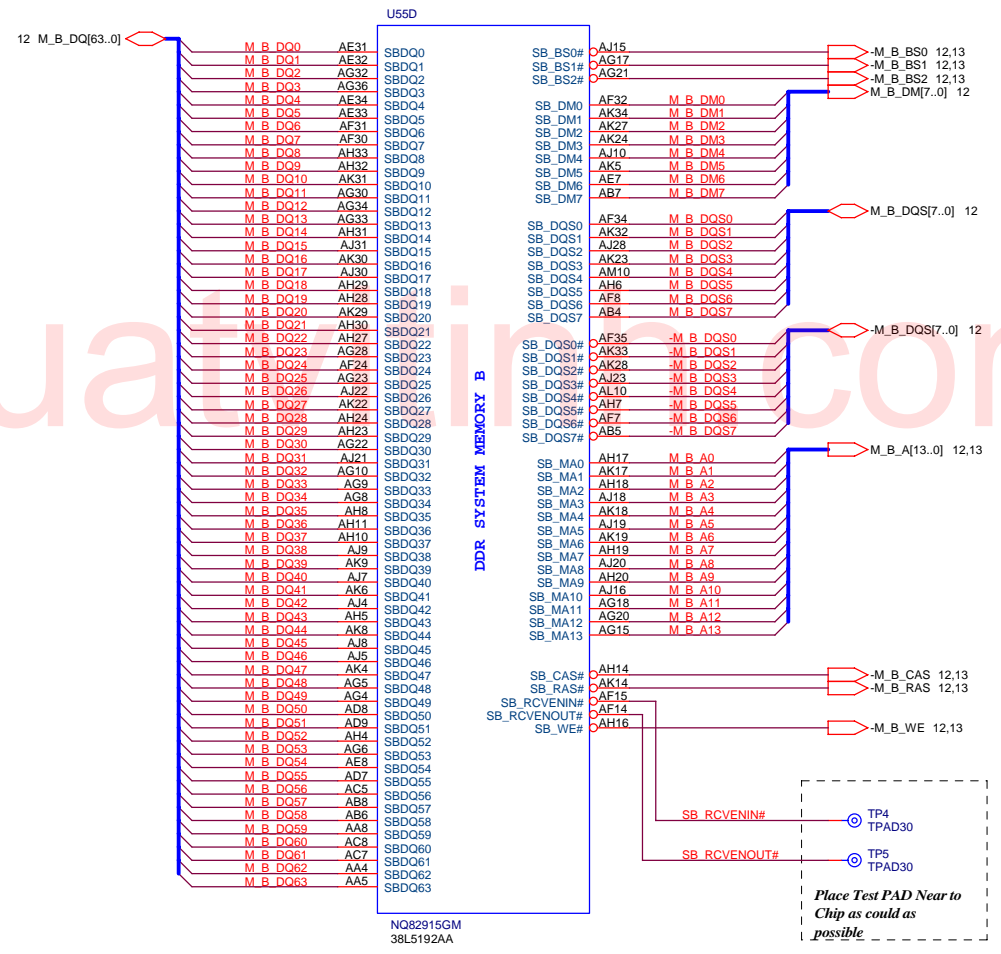
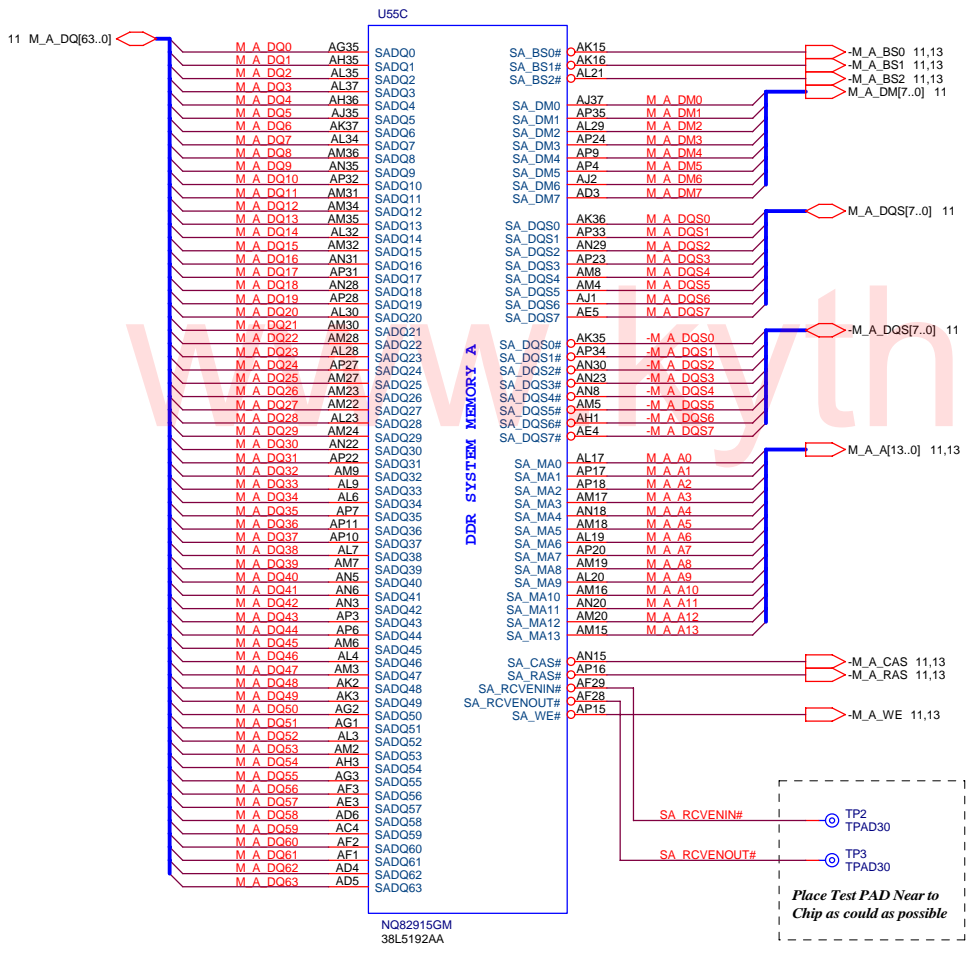


	Y-NOTE	K-NOTE
R420	NO_ASM	NO_ASM
R476	NO_ASM	NO_ASM
R477	NO_ASM	NO_ASM
C445	NO_ASM	NO_ASM
J14	NO_ASM	NO_ASM

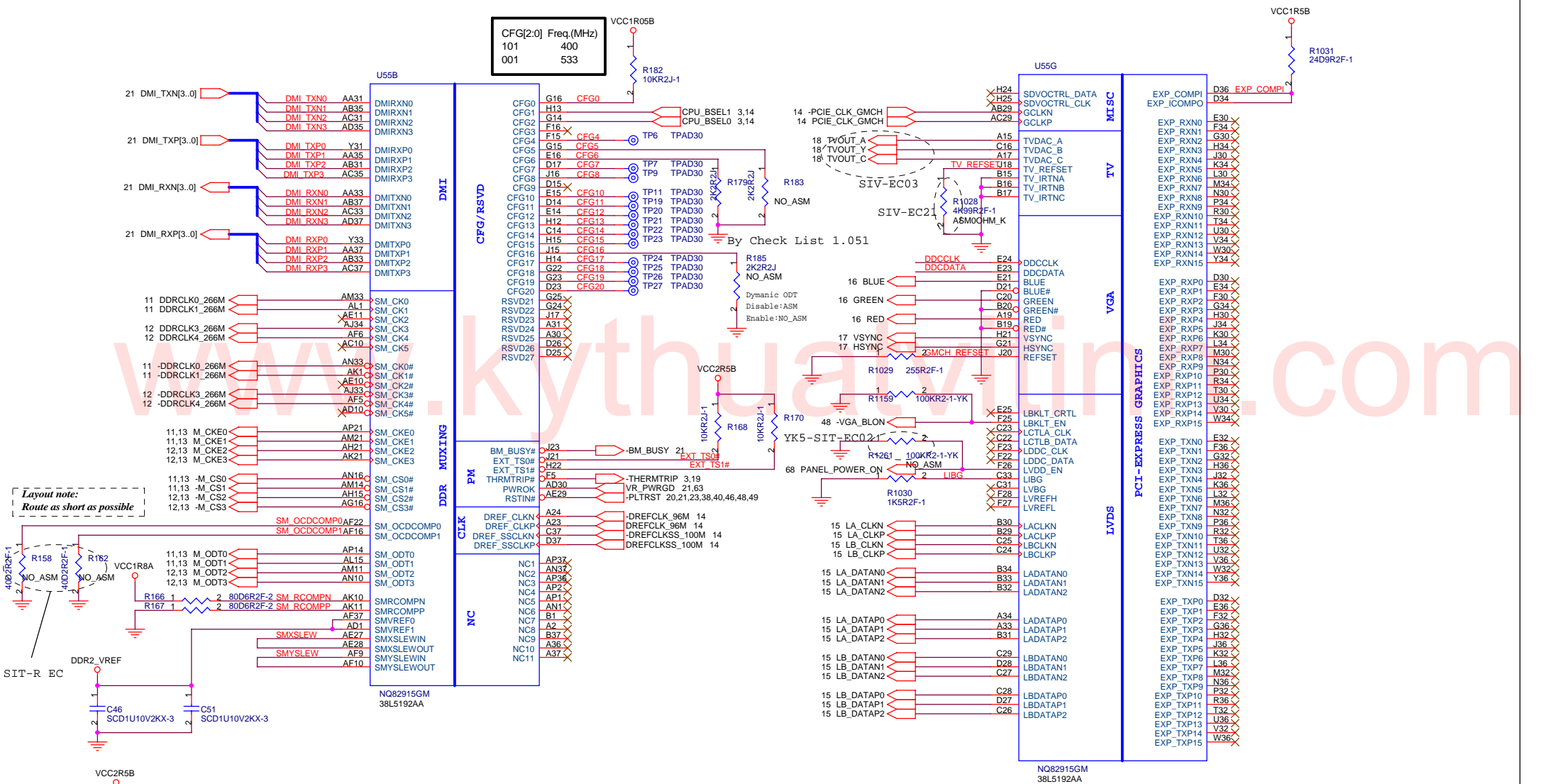
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Title		
<b>ITP CCONNECTOR</b>		
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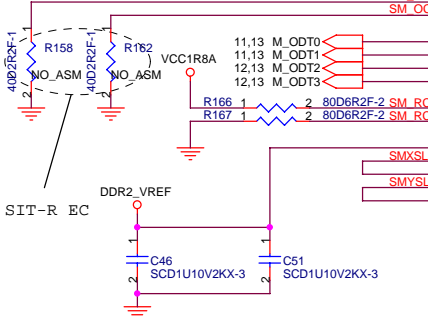




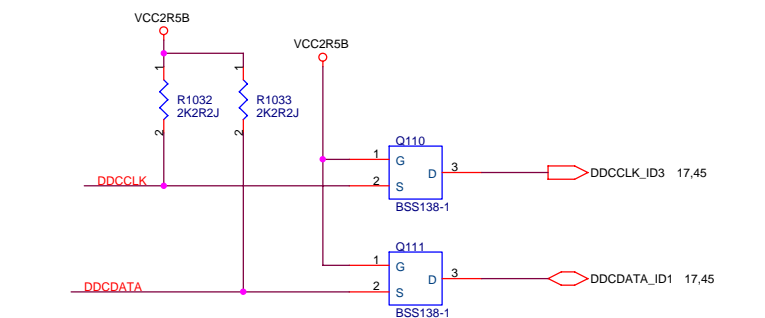
CFG[2:0] Freq.(MHz)	
101	400
001	533



Layout note:  
Route as short as possible



	Y-NOTE	K-NOTE
R183	NO_ASM	NO_ASM
R185	NO_ASM	NO_ASM
R1028	4K99R	0R2



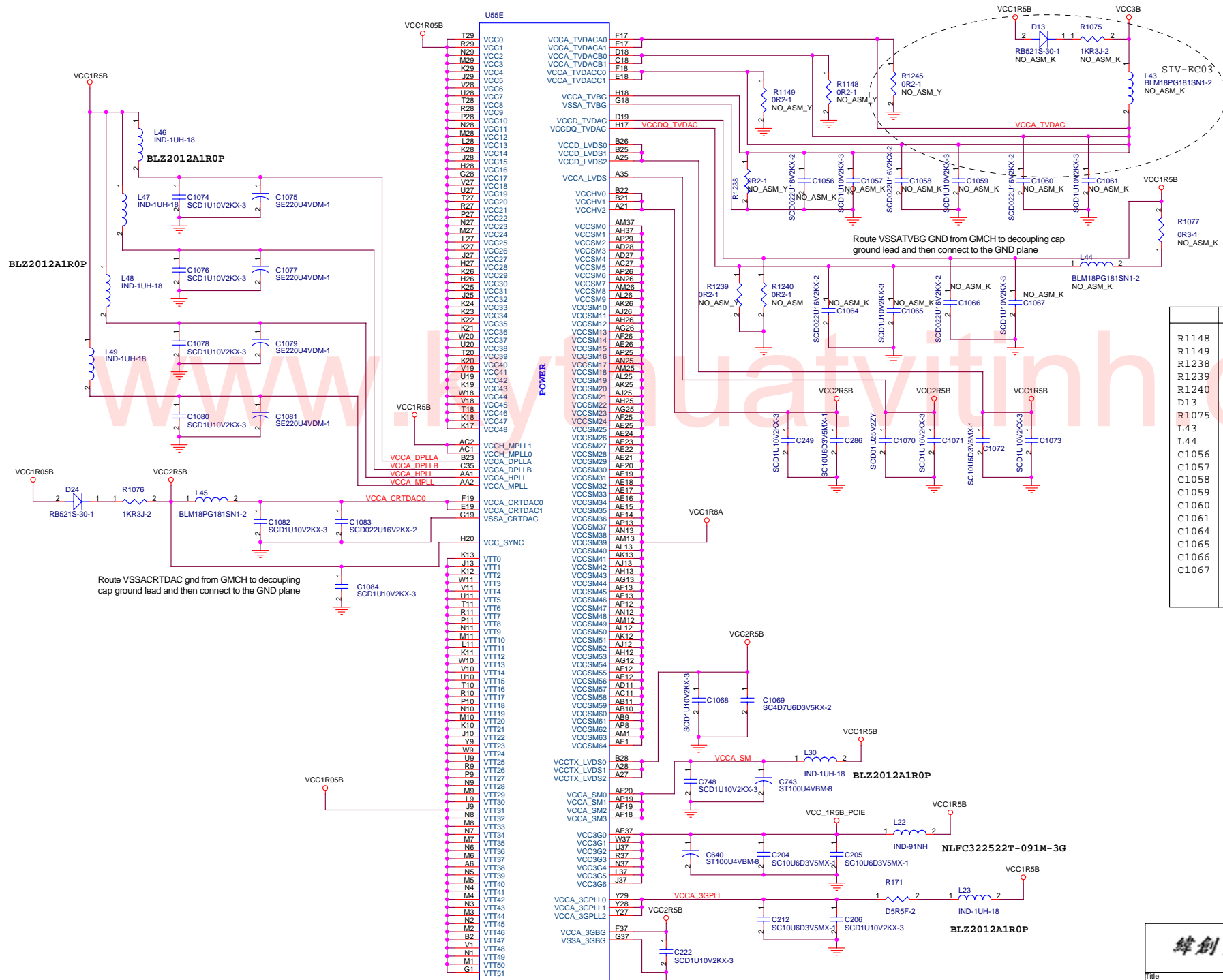
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Title: **GMCH(3/5) : VIDEO**

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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
C1062	ASM	NO_ASM
C1063	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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Rev -3

NQ82915GM  
38L5192AA

U55F

VSS267	AL24
VSS266	AN24
VSS265	E26
VSS264	G26
VSS263	J26
VSS262	K26
VSS261	L26
VSS259	M26
VSS258	N26
VSS257	AA27
VSS256	AB27
VSS255	AC27
VSS254	AD27
VSS253	AE27
VSS252	AF27
VSS251	AG27
VSS250	AN27
VSS249	E28
VSS248	F28
VSS247	G28
VSS246	H28
VSS245	I28
VSS244	J28
VSS243	K28
VSS242	L28
VSS241	M28
VSS240	N28
VSS239	P28
VSS238	Q28
VSS237	R28
VSS236	S28
VSS235	T28
VSS234	AA29
VSS233	AB29
VSS232	AC29
VSS231	AD29
VSS230	AE29
VSS229	AF29
VSS228	AG29
VSS227	AN29
VSS226	E30
VSS225	F30
VSS224	G30
VSS223	H30
VSS222	I30
VSS221	J30
VSS220	K30
VSS219	L30
VSS218	M30
VSS217	N30
VSS216	P30
VSS215	Q30
VSS214	R30
VSS213	S30
VSS212	T30
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VSS210	AB31
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VSS207	AE31
VSS206	AF31
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VSS191	R32
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VSS189	T32
VSS188	AA33
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VSS186	AC33
VSS185	AD33
VSS184	AE33
VSS183	AF33
VSS182	AG33
VSS181	AN33
VSS180	E34
VSS179	F34
VSS178	G34
VSS177	H34
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VSS145	R36
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VSS138	AE37
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VSS127	L38
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VSS125	N38
VSS124	P38
VSS123	Q38
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VSS120	T38
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VSS118	AB39
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VSS116	AD39
VSS115	AE39
VSS114	AF39
VSS113	AG39
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VSS105	K40
VSS104	L40
VSS103	M40
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VSS101	P40
VSS100	Q40
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VSS97	T40
VSS96	AA41
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VSS94	AC41
VSS93	AD41
VSS92	AE41
VSS91	AF41
VSS90	AG41
VSS89	AN41
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VSS82	K42
VSS81	L42
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VSS79	N42
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VSS75	S42
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VSS72	AB43
VSS71	AC43
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VSS54	Q44
VSS53	R44
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VSS50	AA45
VSS49	AB45
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VSS43	AN45
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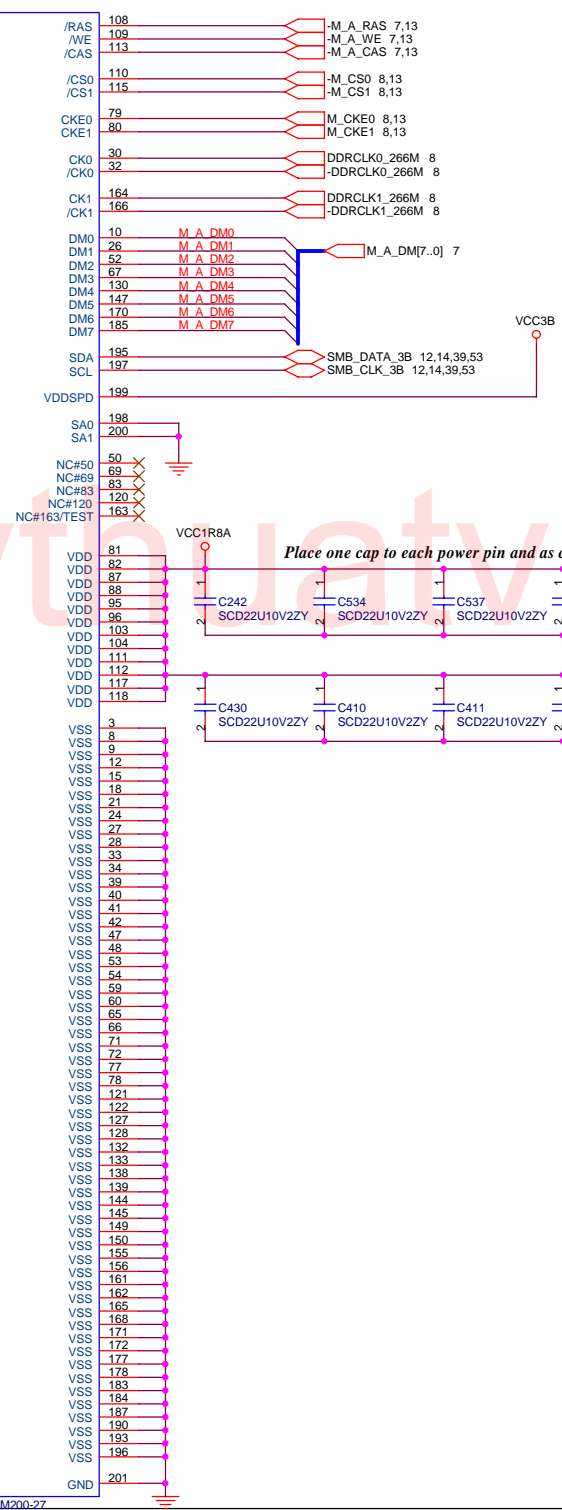
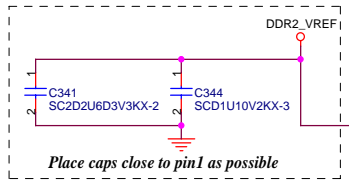
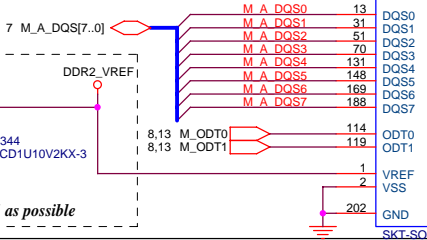
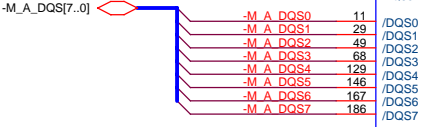
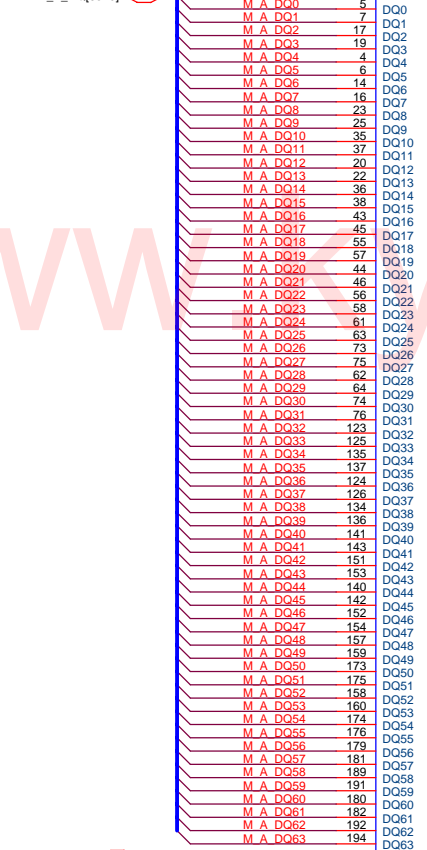
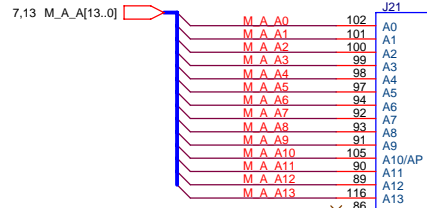
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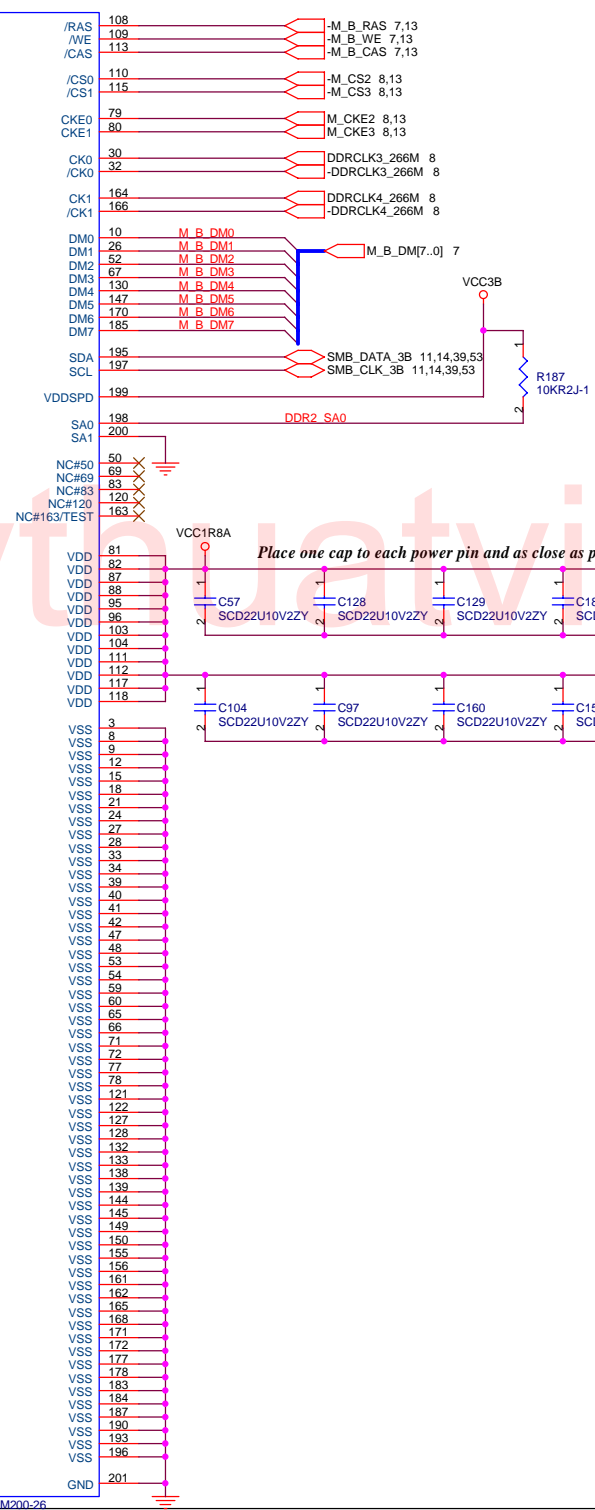
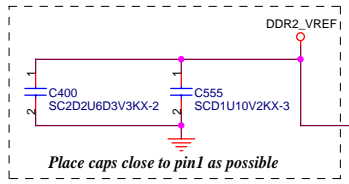
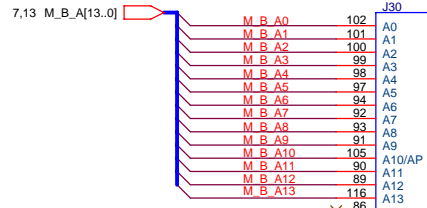
U55H

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VCCSM_NCTF26	AN12
VCCSM_NCTF25	E14
VCCSM_NCTF24	F14
VCCSM_NCTF23	G14
VCCSM_NCTF22	H14
VCCSM_NCTF21	I14
VCCSM_NCTF20	J14
VCCSM_NCTF19	K14
VCCSM_NCTF18	L14
VCCSM_NCTF17	M14
VCCSM_NCTF16	N14
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VCCSM_NCTF14	Q14
VCCSM_NCTF13	R14
VCCSM_NCTF12	S14
VCCSM_NCTF11	T14
VCCSM_NCTF10	AA16
VCCSM_NCTF9	AB16
VCCSM_NCTF8	AC16
VCCSM_NCTF7	AD16
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VCCSM_NCTF5	AF16
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VCC_NCTF45	AC20
VCC_NCTF44	AD20
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VCC_NCTF42	AF20
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VCC_NCTF33	K21
VCC_NCTF32	L21
VCC_NCTF31	M21
VCC_NCTF30	N21
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VCC_NCTF28	Q21
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VCC_NCTF26	S21
VCC_NCTF25	T21
VCC_NCTF24	AA22
VCC_NCTF23	AB22
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VCC_NCTF12	I23
VCC_NCTF11	J23
VCC_NCTF10	K23
VCC_NCTF9	L23
VCC_NCTF8	M23
VCC_NCTF7	N23
VCC_NCTF6	P23
VCC_NCTF5	Q23
VCC_NCTF4	R23
VCC_NCTF3	S23
VCC_NCTF2	T23
VCC_NCTF1	AA24
VCC_NCTF0	AB24
VCC_NCTF0	AC24
VCC_NCTF0	AD24
VCC_NCTF0	AE24
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VCC_NCTF0	G25
VCC_NCTF0	H25
VCC_NCTF0	I25
VCC_NCTF0	J25
VCC_NCTF0	K25
VCC_NCTF0	L25
VCC_NCTF0	M25
VCC_NCTF0	N25
VCC_NCTF0	P25
VCC_NCTF0	Q25
VCC_NCTF0	R25
VCC_NCTF0	S25
VCC_NCTF0	T25
VCC_NCTF0	AA26
VCC_NCTF0	AB26
VCC_NCTF0	AC26
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VCC_NCTF0	AN26
VCC_NCTF0	E26
VCC_NCTF0	F26
VCC_NCTF0	G26
VCC_NCTF0	H26
VCC_NCTF0	I26
VCC_NCTF0	J26
VCC_NCTF0	K26
VCC_NCTF0	L26
VCC_NCTF0	M26
VCC_NCTF0	N26
VCC_NCTF0	P26
VCC_NCTF0	Q26
VCC_NCTF0	R26
VCC_NCTF0	S26
VCC_NCTF0	T26
VCC_NCTF0	AA28
VCC_NCTF0	AB28
VCC_NCTF0	AC28
VCC_NCTF0	AD28
VCC_NCTF0	AE28
VCC_NCTF0	AF28
VCC_NCTF0	AG28
VCC_NCTF0	AN28
VCC_NCTF0	E29
VCC_NCTF0	F29
VCC_NCTF0	G29
VCC_NCTF0	H29
VCC_NCTF0	I29
VCC_NCTF0	J29
VCC_NCTF0	K29
VCC_NCTF0	L29
VCC_NCTF0	M29
VCC_NCTF0	N29
VCC_NCTF0	P29
VCC_NCTF0	Q29
VCC_NCTF0	R29
VCC_NCTF0	S29
VCC_NCTF0	T29
VCC_NCTF0	AA30
VCC_NCTF0	AB30
VCC_NCTF0	AC30
VCC_NCTF0	AD30
VCC_NCTF0	AE30
VCC_NCTF0	AF30
VCC_NCTF0	AG30
VCC_NCTF0	AN30
VCC_NCTF0	E30
VCC_NCTF0	F30
VCC_NCTF0	G30
VCC_NCTF0	H30
VCC_NCTF0	I30
VCC_NCTF0	J30
VCC_NCTF0	K30
VCC_NCTF0	L30
VCC_NCTF0	M30
VCC_NCTF0	N30
VCC_NCTF0	P30
VCC_NCTF0	Q30
VCC_NCTF0	R30
VCC_NCTF0	S30
VCC_NCTF0	T30
VCC_NCTF0	AA31
VCC_NCTF0	AB31
VCC_NCTF0	AC31
VCC_NCTF0	AD31
VCC_NCTF0	AE31
VCC_NCTF0	AF31
VCC_NCTF0	AG31
VCC_NCTF0	AN31
VCC_NCTF0	E31
VCC_NCTF0	F31
VCC_NCTF0	G31
VCC_NCTF0	H31
VCC_NCTF0	I31
VCC_NCTF0	J31
VCC_NCTF0	K31
VCC_NCTF0	L31
VCC_NCTF0	M31
VCC_NCTF0	N31
VCC_NCTF0	P31
VCC_NCTF0	Q31
VCC_NCTF0	R31
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VCC_NCTF0	E32
VCC_NCTF0	F32
VCC_NCTF0	G32
VCC_NCTF0	H32
VCC_NCTF0	I32
VCC_NCTF0	J32
VCC_NCTF0	K32
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VCC_NCTF0	N32
VCC_NCTF0	P32
VCC_NCTF0	Q32
VCC_NCTF0	R32
VCC_NCTF0	S32
VCC_NCTF0	T32
VCC_NCTF0	AA33
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VCC_NCTF0	F33
VCC_NCTF0	G33
VCC_NCTF0	H33
VCC_NCTF0	I33
VCC_NCTF0	J33
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VCC_NCTF0	S33
VCC_NCTF0	T33
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VCC_NCTF0	AF34
VCC_NCTF0	AG34
VCC_NCTF0	AN34
VCC_NCTF0	E34
VCC_NCTF0	F34
VCC_NCTF0	G34
VCC_NCTF0	H34
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VCC_NCTF0	J34
VCC_NCTF0	K34
VCC_NCTF0</	

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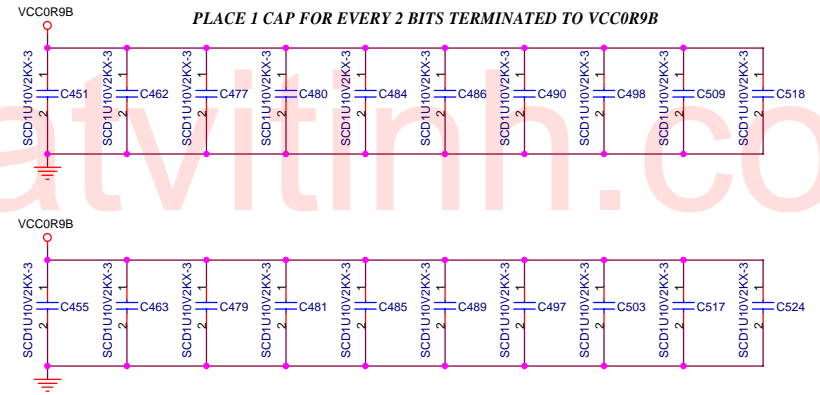
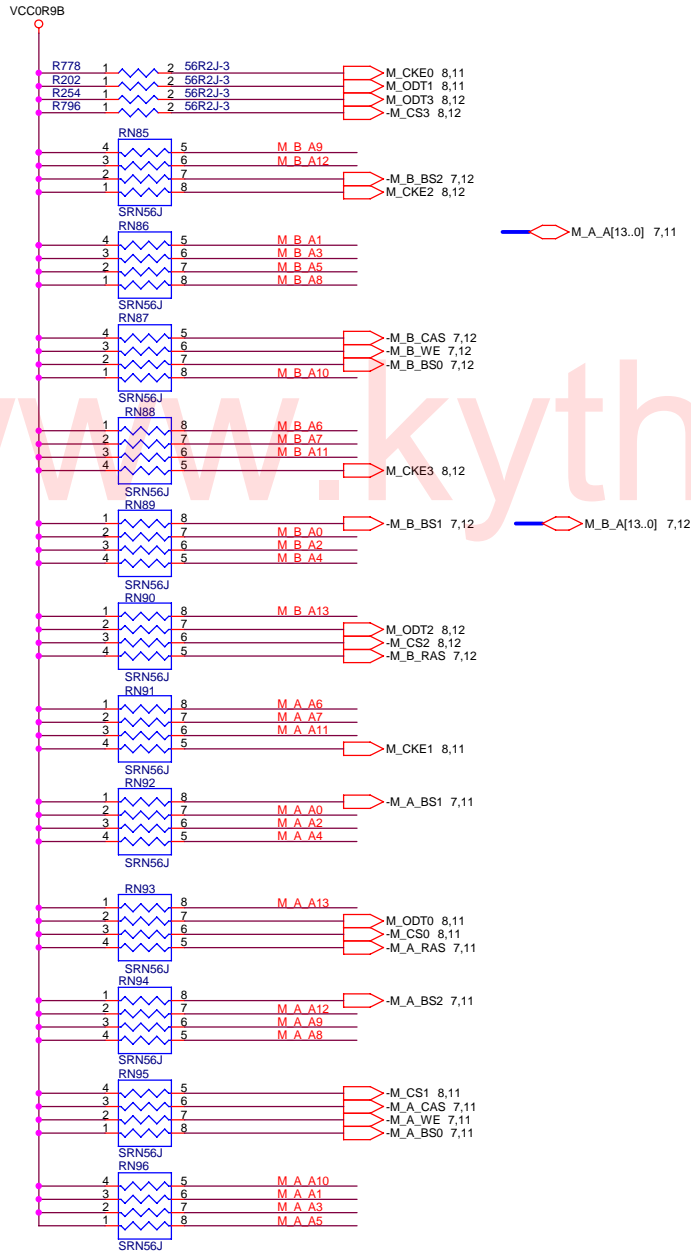


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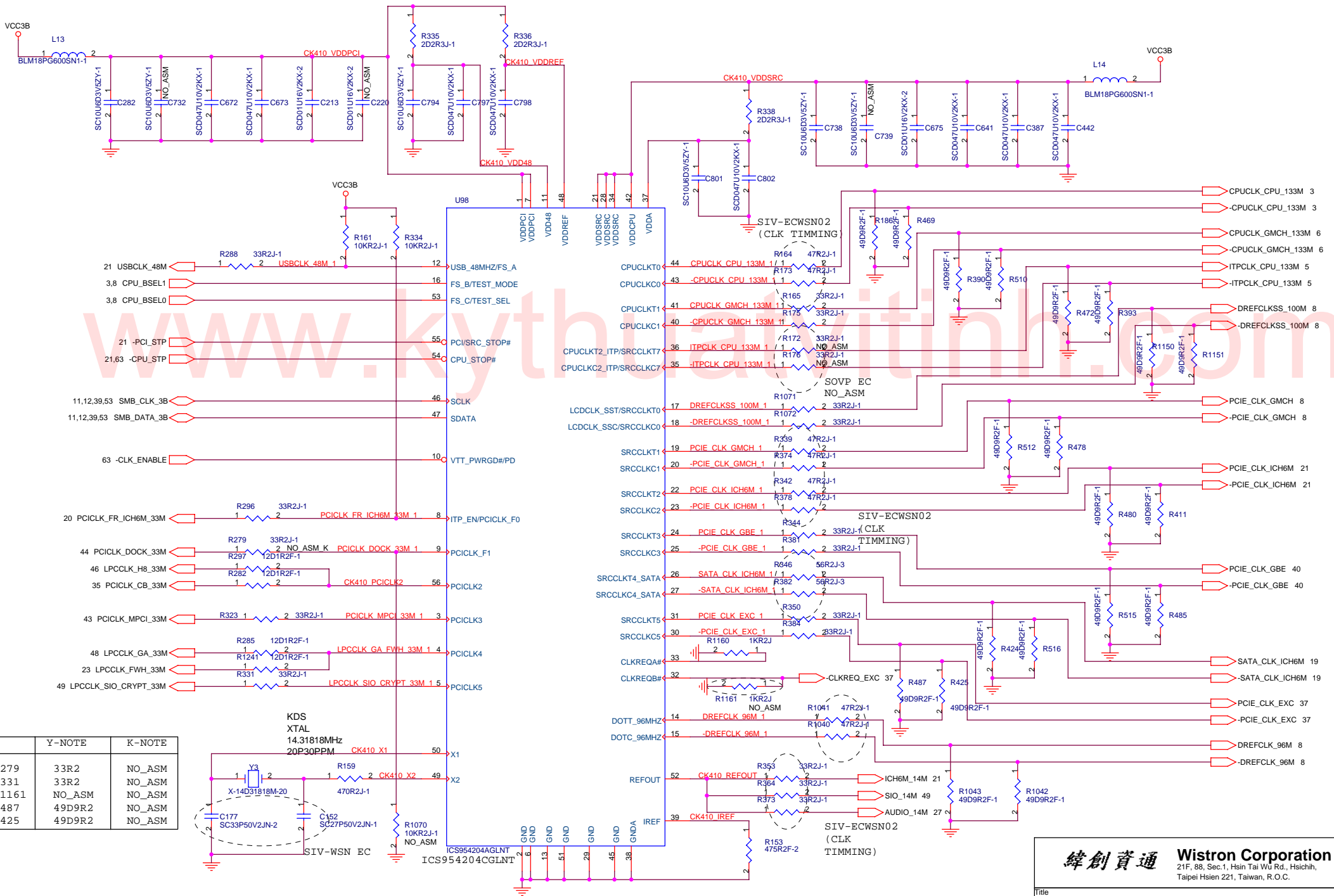
<b>緯創資通</b>		<b>Wistron Corporation</b>	
21F, 88, Sec.1, Hsin Tai Wu Rd., Hsichih, Taipei Hsien 221, Taiwan, R.O.C.			
Title <b>DDR-2 SO-DIMM B</b>			
Size A3	Document Number	<b>Y Note-6</b>	
Date: Wednesday, March 09, 2005	Sheet 12	of	71

# PARALLEL TERMINATION

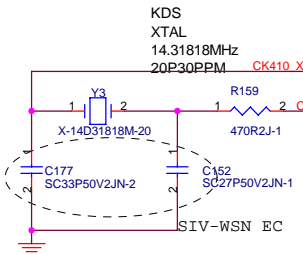


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<b>DDR-2 TERMINATION</b>		
Size A3	Document Number <b>Y Note-6</b>	Rev -3
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	Y-NOTE	K-NOTE
R279	33R2	NO_ASM
R331	33R2	NO_ASM
R1161	NO_ASM	NO_ASM
R487	49D9R2	NO_ASM
R425	49D9R2	NO_ASM



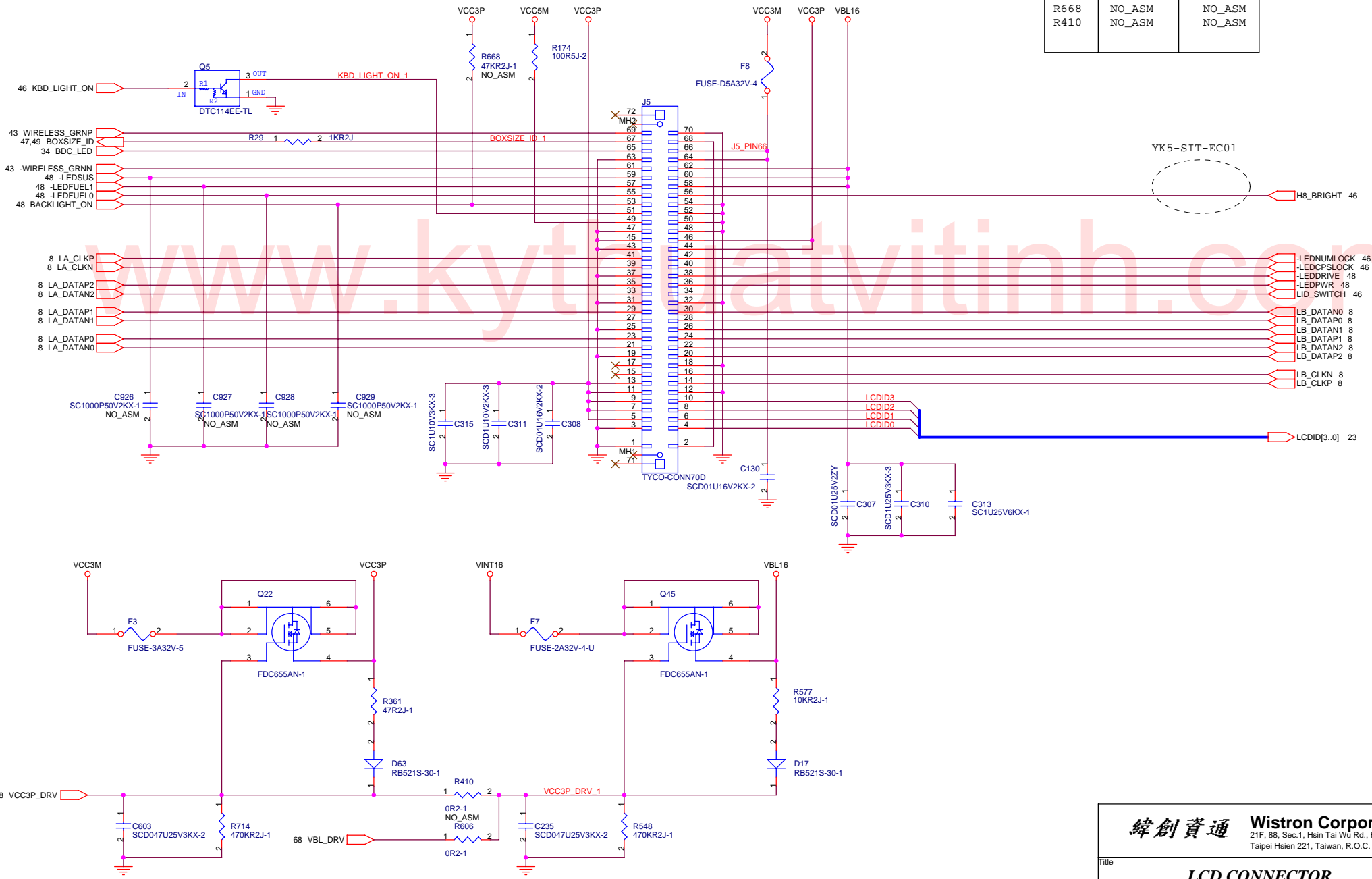
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**CLOCK GENERATOR**

Title \_\_\_\_\_  
 Size A3 Document Number \_\_\_\_\_ Rev -3  
 Date: Wednesday, March 09, 2005 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



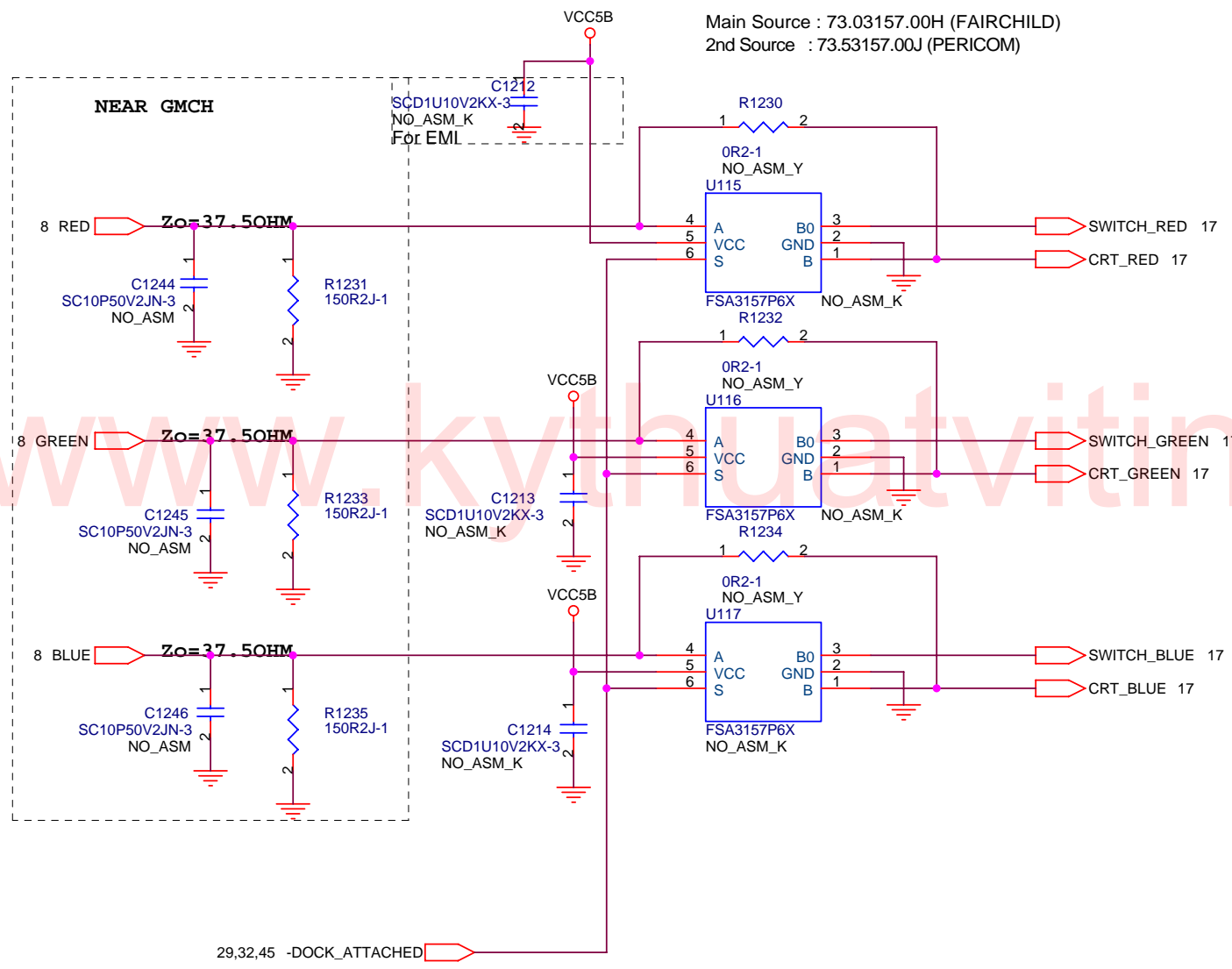
**緯創資通 Wistron Corporation**  
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 Taipei Hsien 221, Taiwan, R.O.C.

Title: **LCD CONNECTOR**

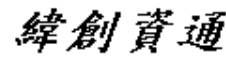
Size: A3 Document Number: **Y Note-6** Rev: -3

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Main Source : 73.03157.00H (FAIRCHILD)  
 2nd Source : 73.53157.00J (PERICOM)



	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

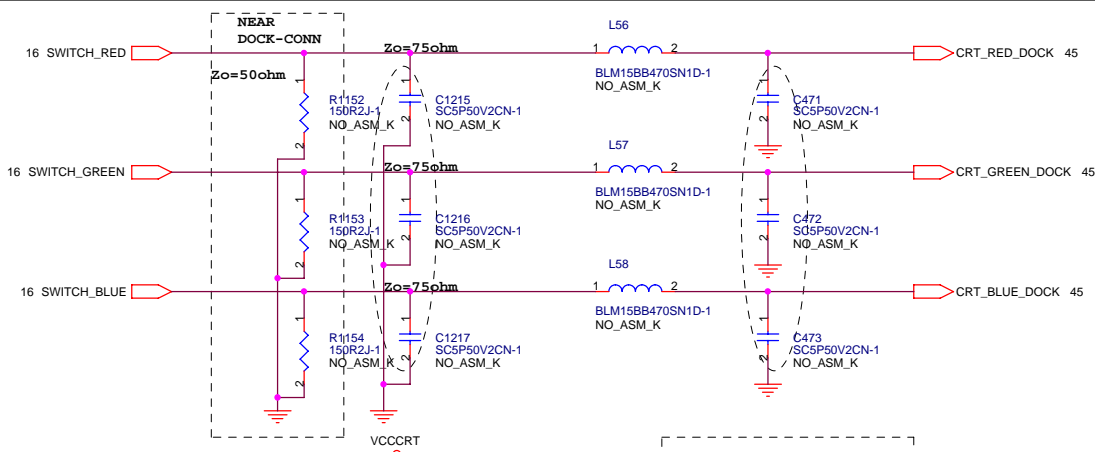

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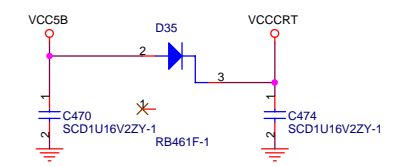
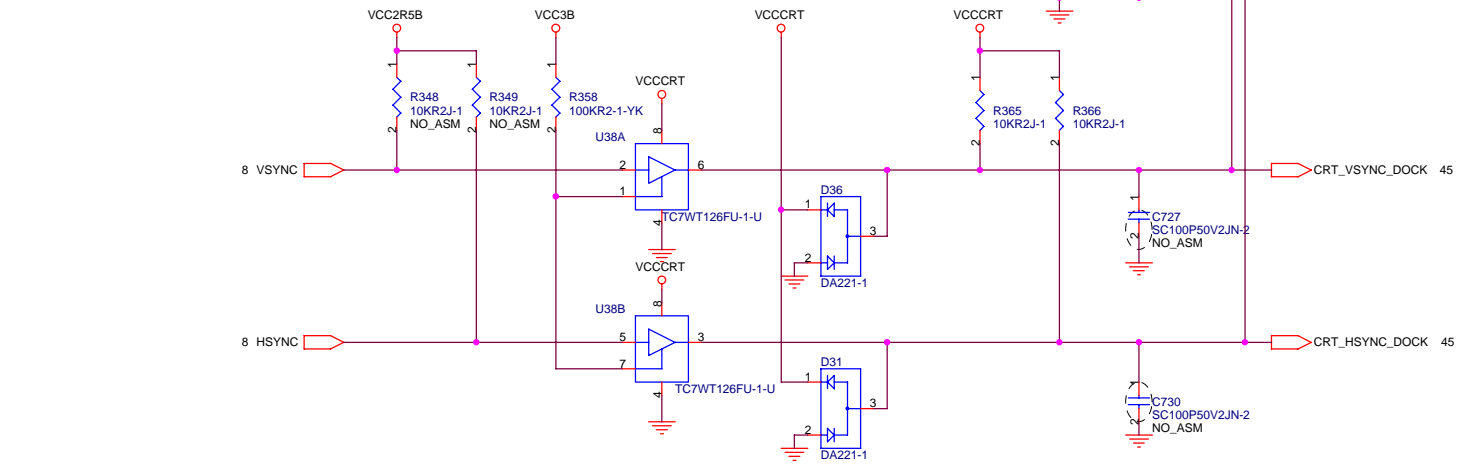
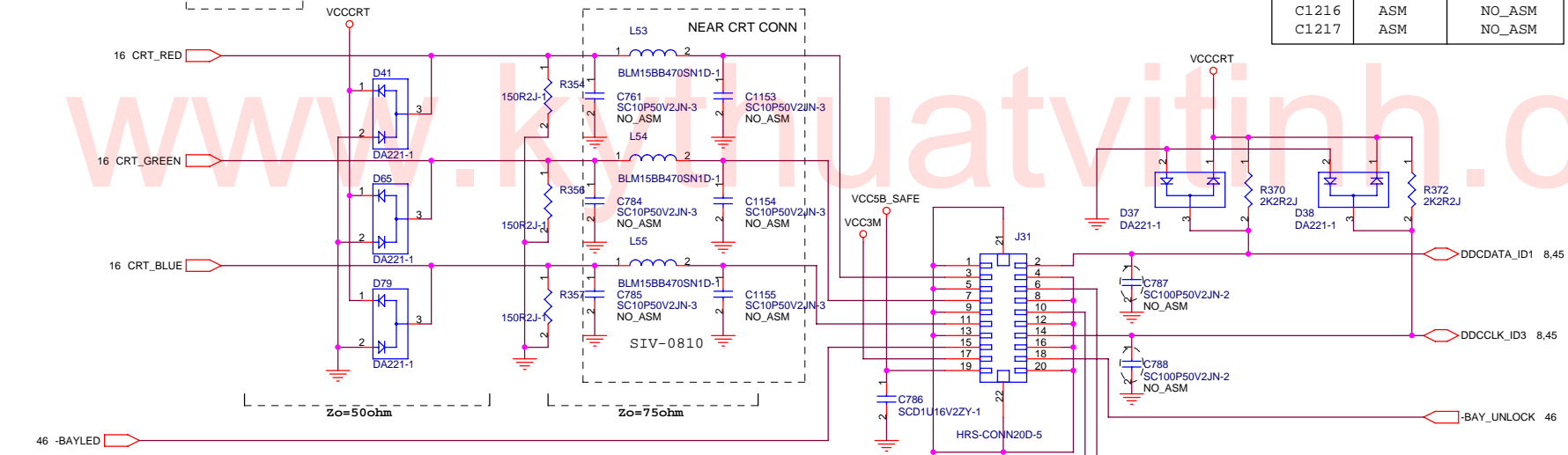
Title: **CRT SWITCH**

Size: A4	Document Number: <b>Y Note-6</b>	Rev: <b>-3</b>
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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

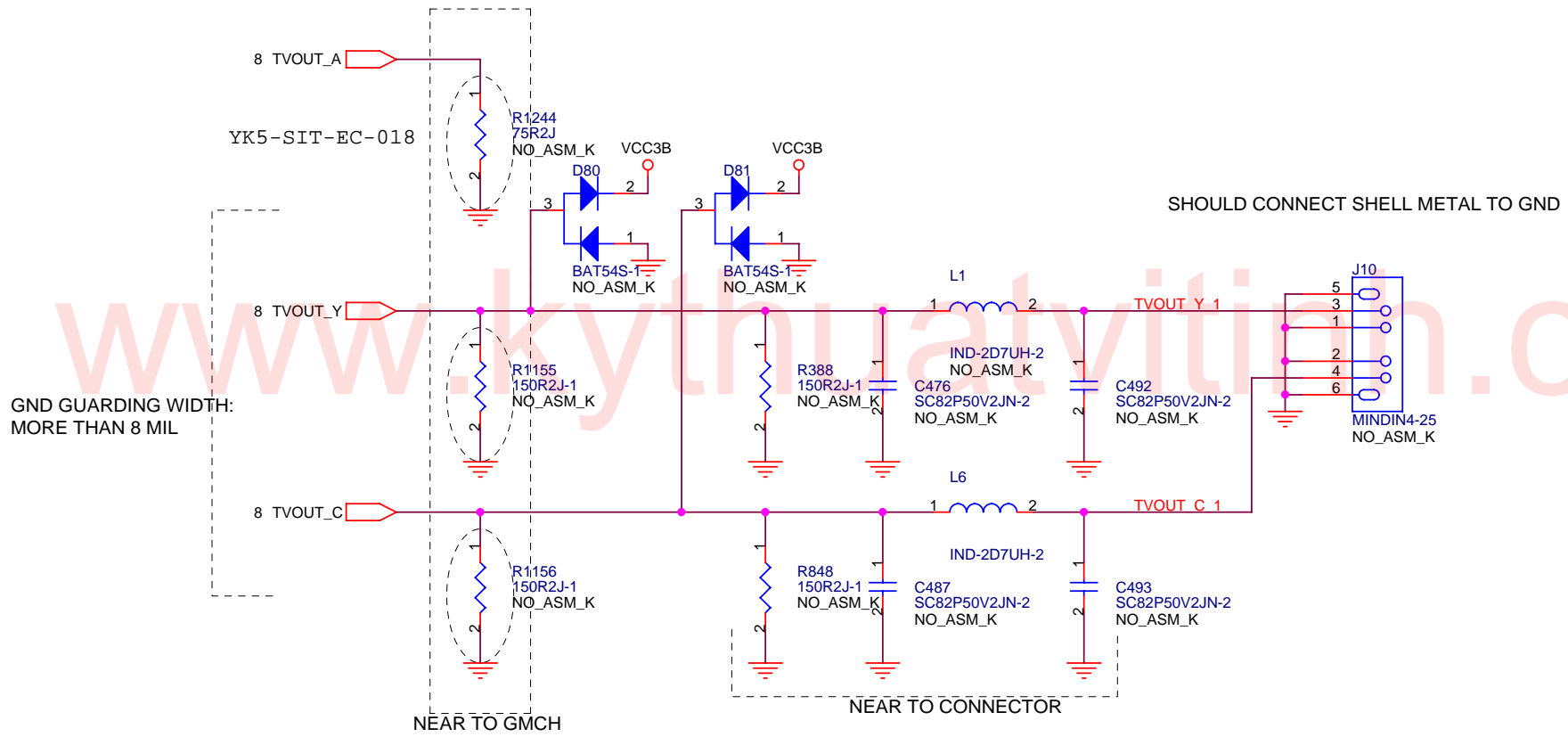


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Title: **CRT I/F**

Size A3 Document Number: **Y Note-6** Rev: **-3**

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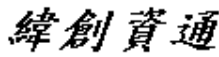


GND GUARDING WIDTH:  
MORE THAN 8 MIL

NEAR TO GMCH

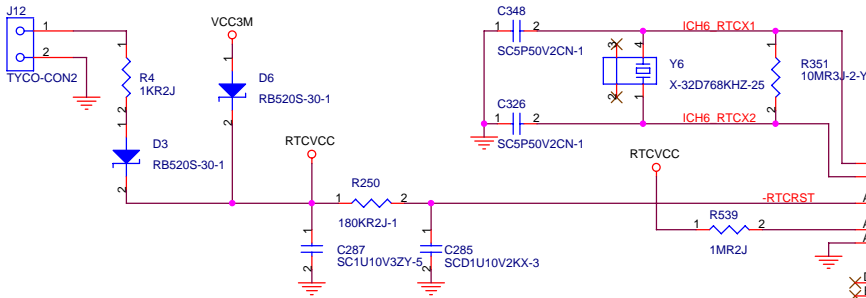
NEAR TO CONNECTOR

	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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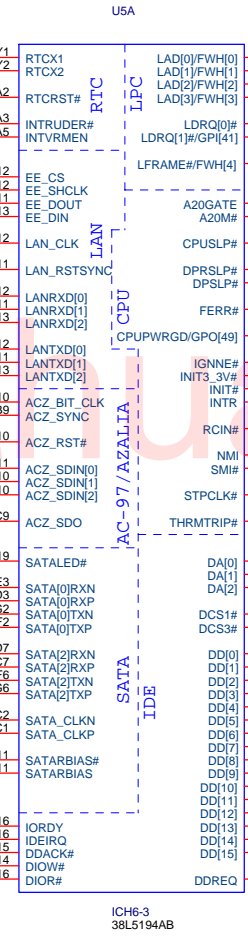
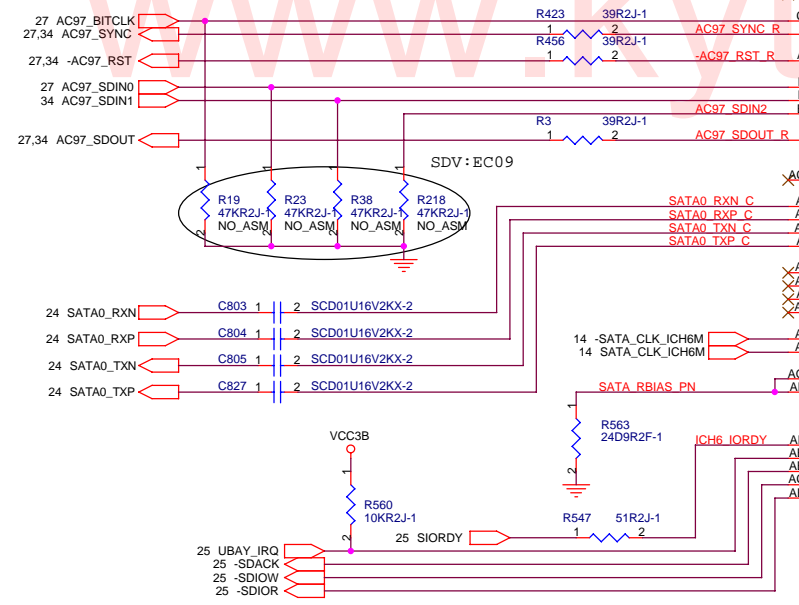
**TV OUT**

Title: **Y Note-6**  
 Size: A4    Document Number: Rev: -3  
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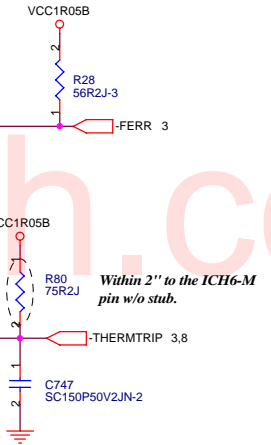
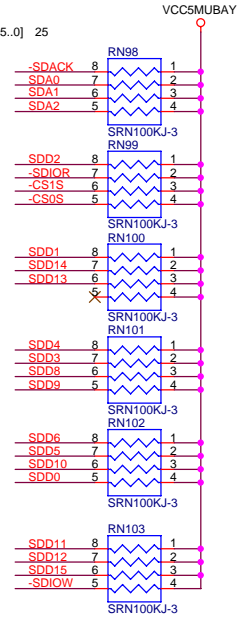
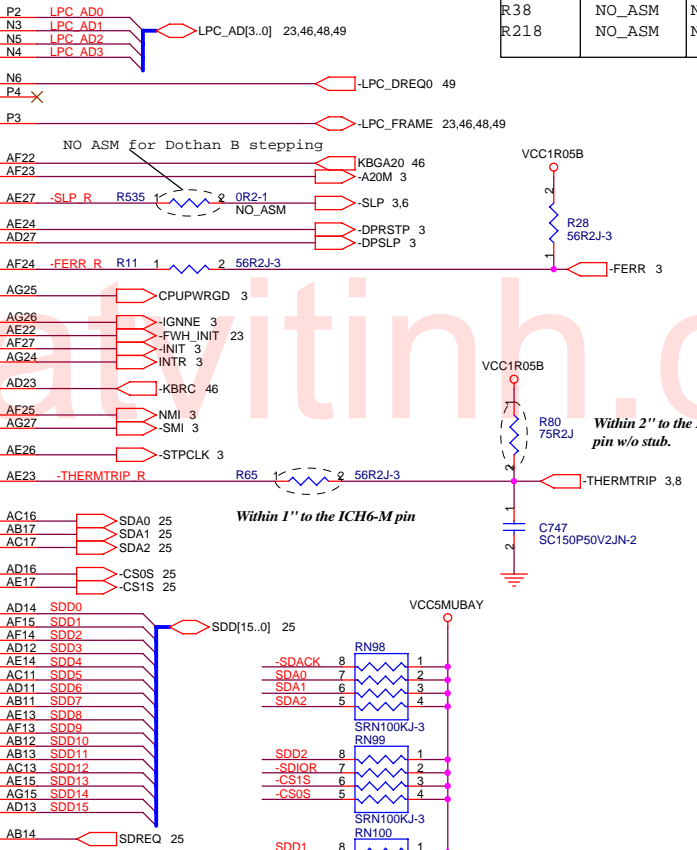


	Y-note	K-note
R535	NO_ASM	NO_ASM
R19	NO_ASM	NO_ASM
R23	NO_ASM	NO_ASM
R38	NO_ASM	NO_ASM
R218	NO_ASM	NO_ASM

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

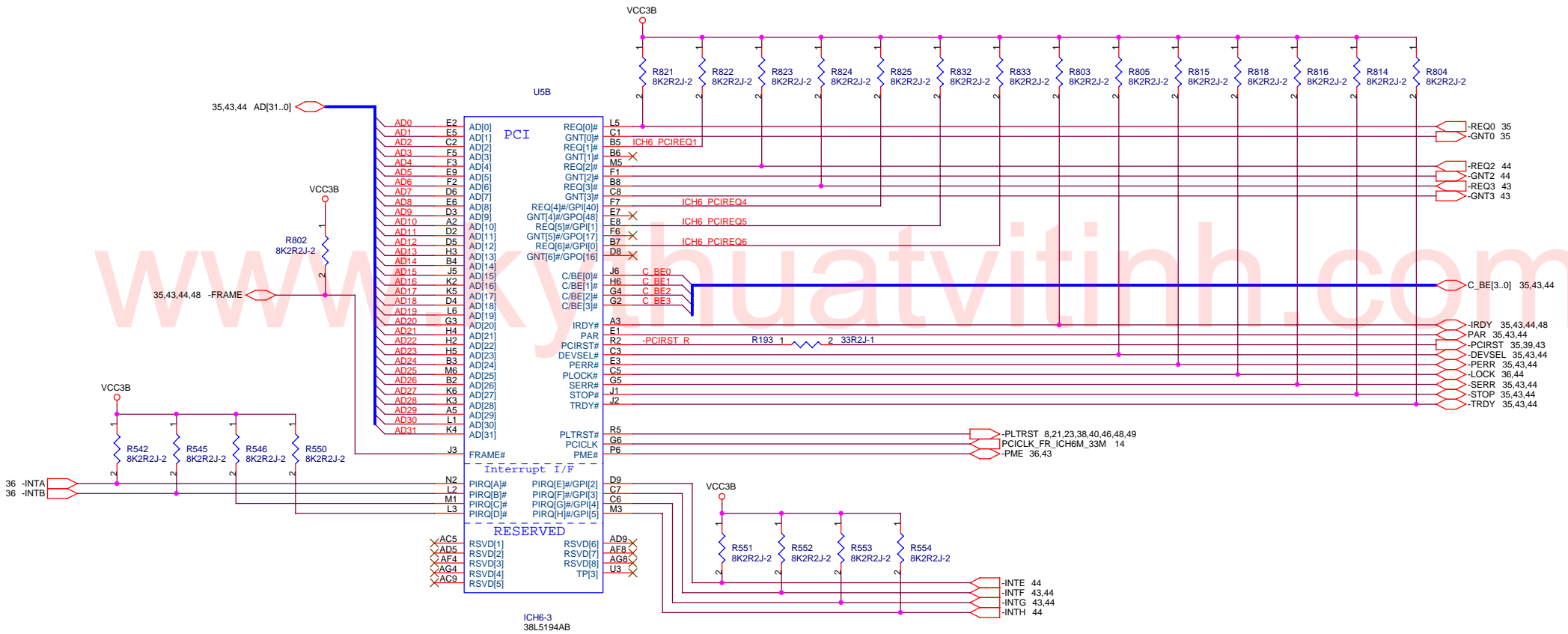


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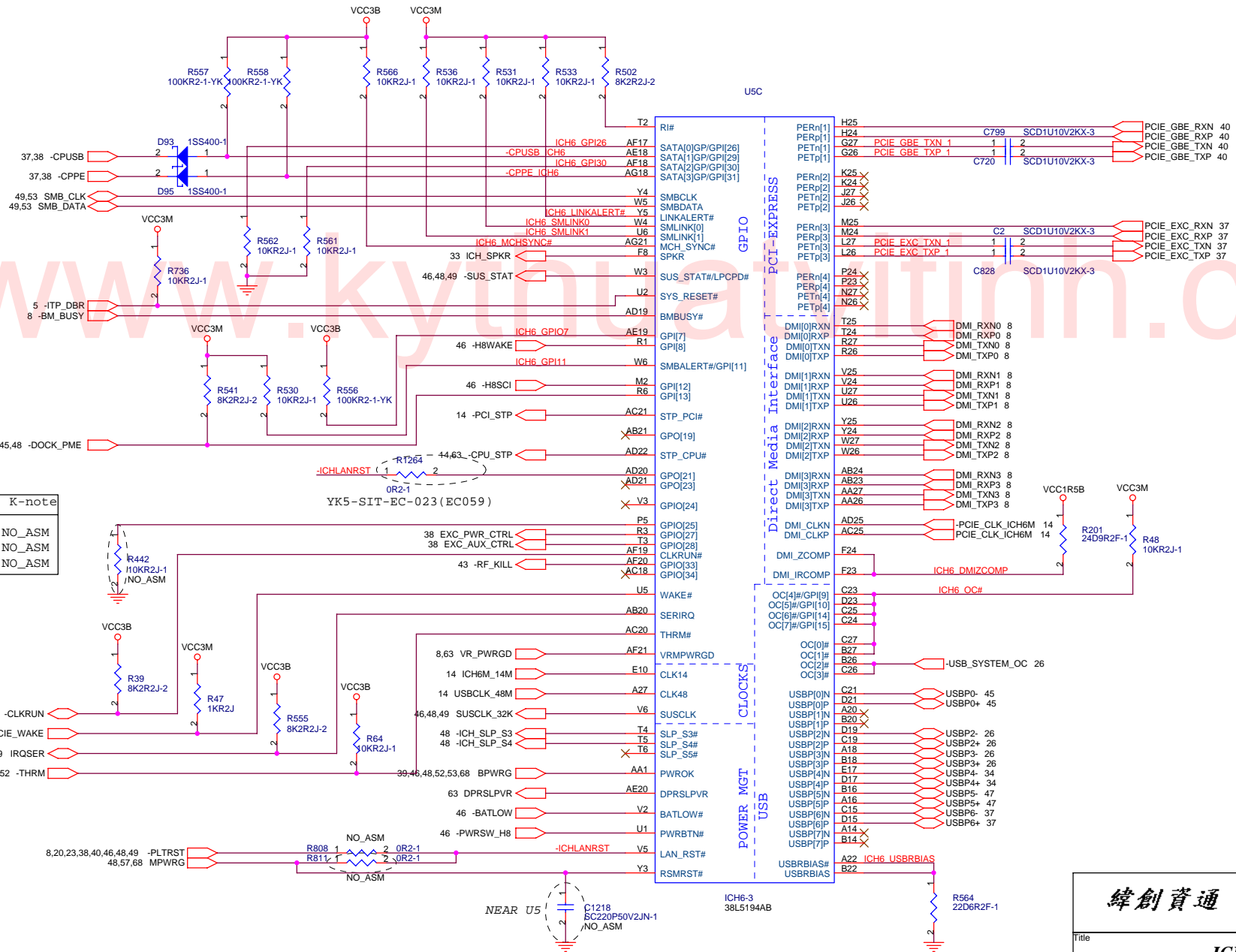
Title: **ICH6-M (1/4)**

Size A3 Document Number: **Y Note-6** Rev: **-3**

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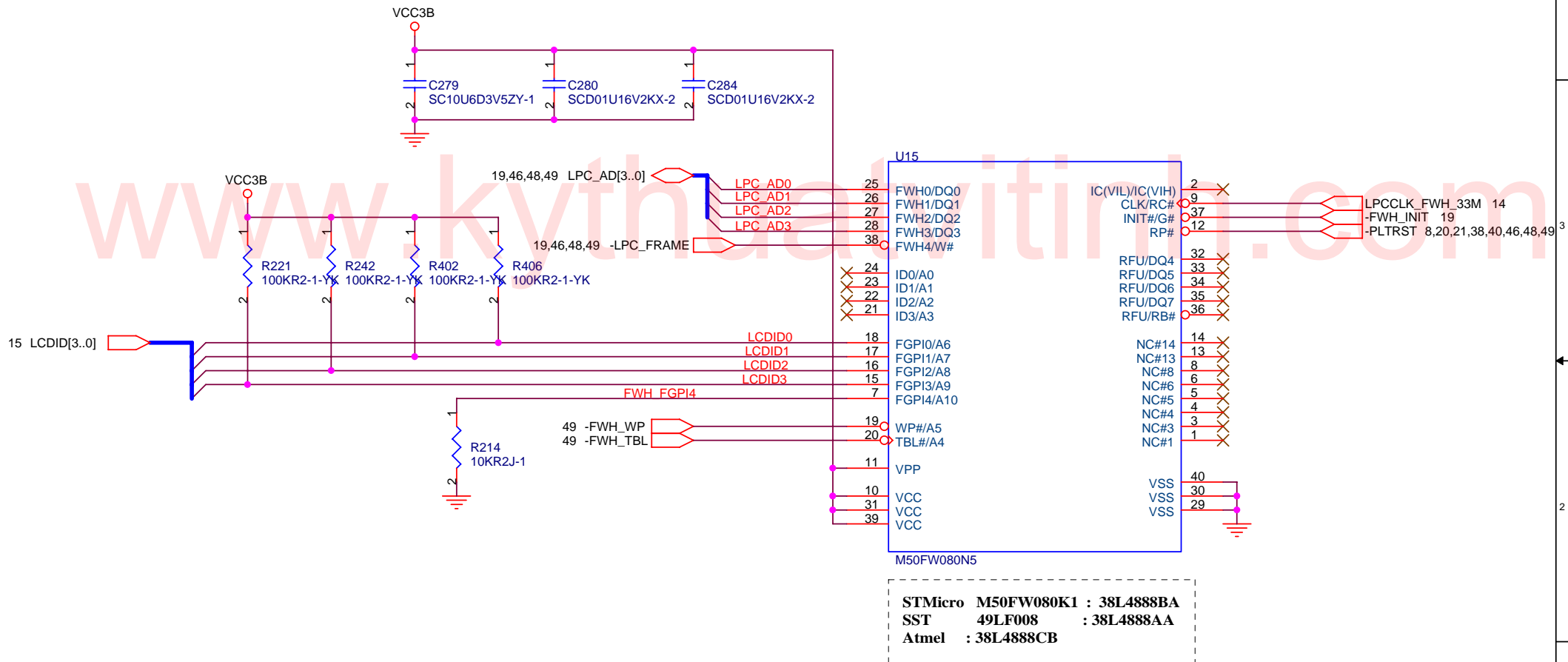
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Title: **ICH6-M (3/4)**

Size: A3    Document Number: **Y Note-6**    Rev: -3

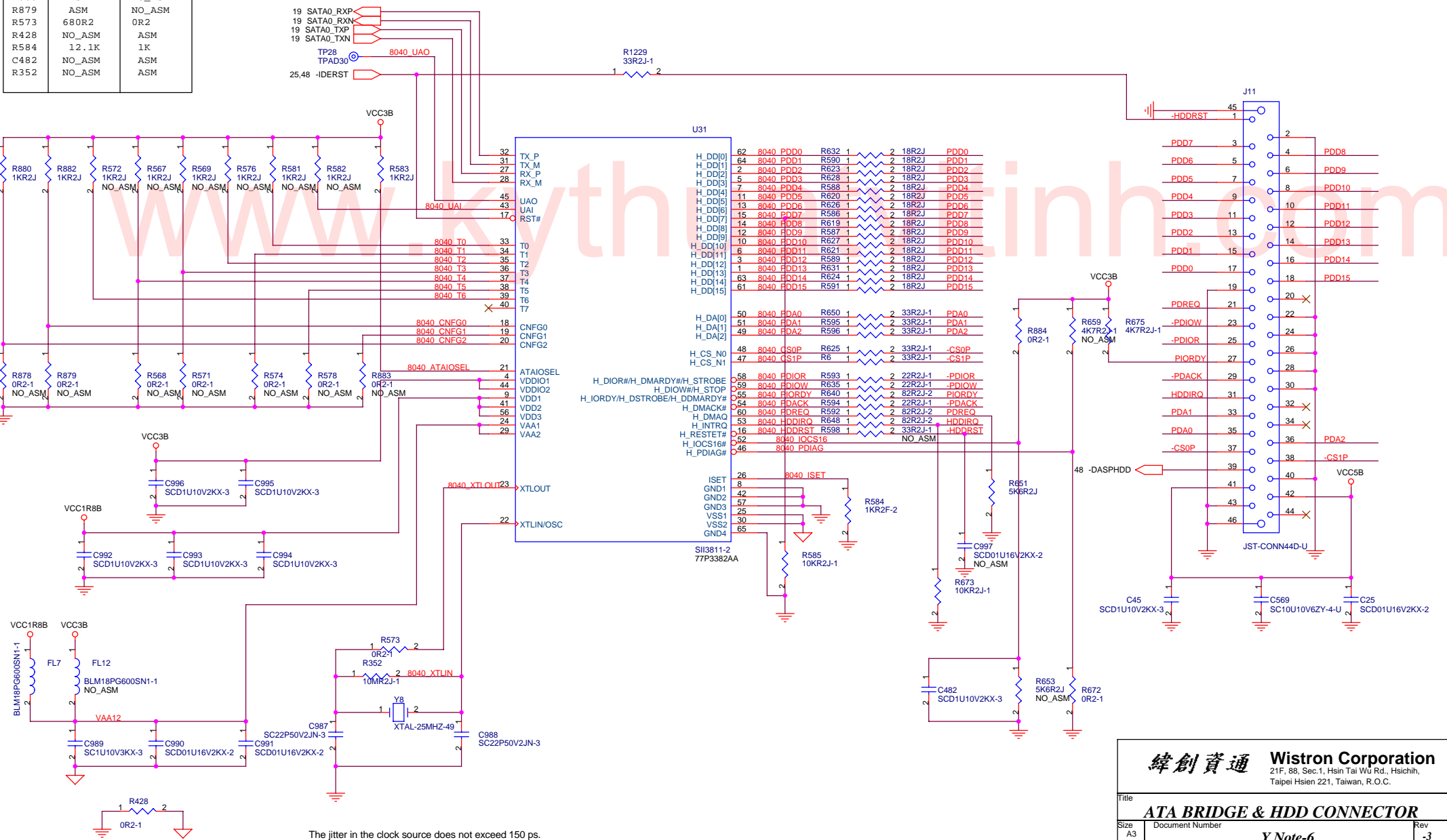
Date: Wednesday, March 09, 2005    Sheet 21 of 71





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Title			
<b>FWH</b>			
Size	Document Number		Rev
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<b>Y Note-6</b>			
Date:	Wednesday, March 09, 2005	Sheet	23 of 71

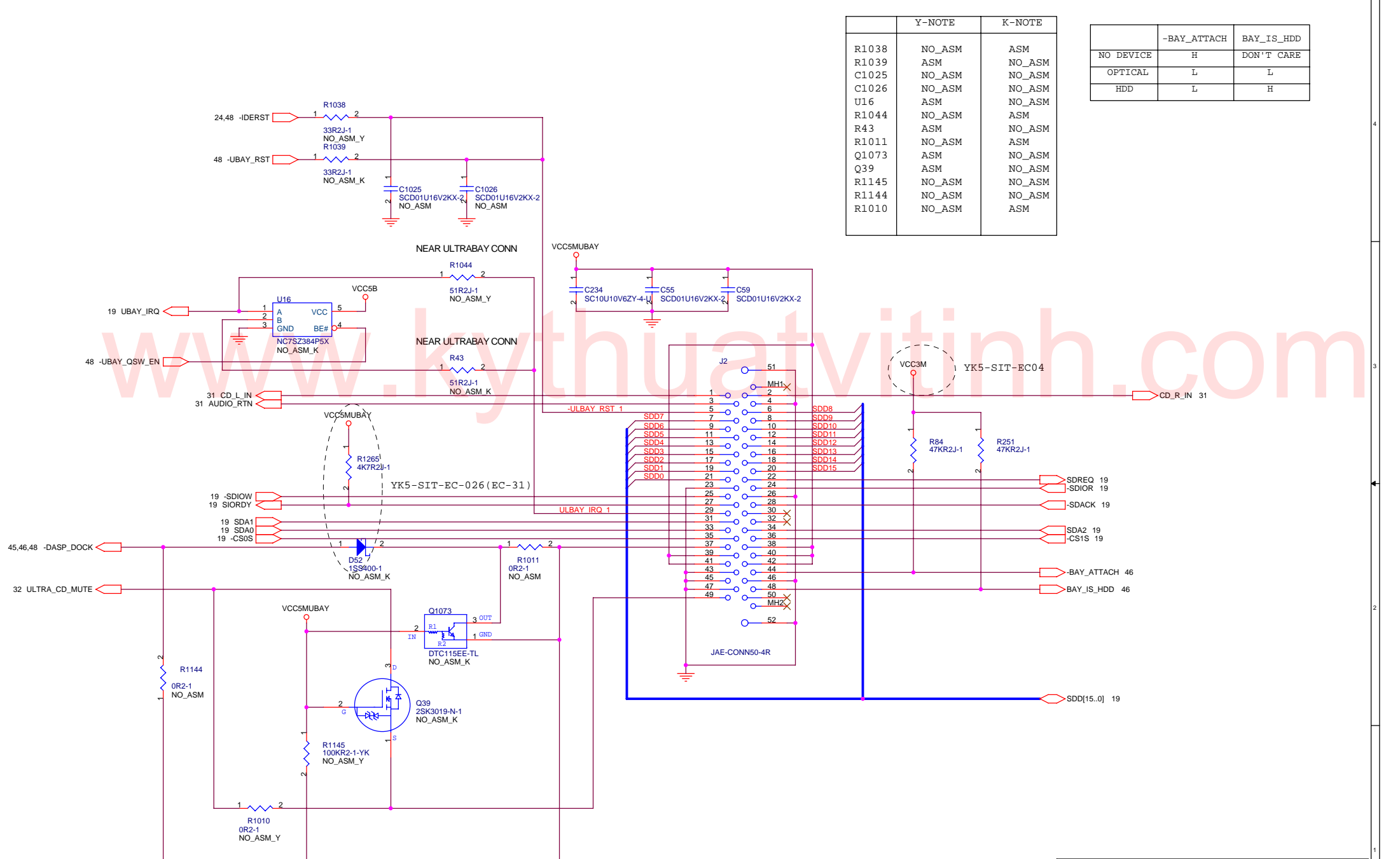
	88SA8040	SIL3811
U31	88SA8040	SIL3811
R569	ASM	NO_ASM
R572	ASM	NO_ASM
R880	NO_ASM	ASM
R882	NO_ASM	ASM
R884	NO_ASM	ASM
FL7	NO_ASM	ASM
FL12	ASM	NO_ASM
R578	ASM	NO_ASM
R878	ASM	NO_ASM
R883	ASM	NO_ASM
R879	ASM	NO_ASM
R573	680R2	0R2
R428	NO_ASM	ASM
R584	12.1K	1K
C482	NO_ASM	ASM
R352	NO_ASM	ASM



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-6</b>	
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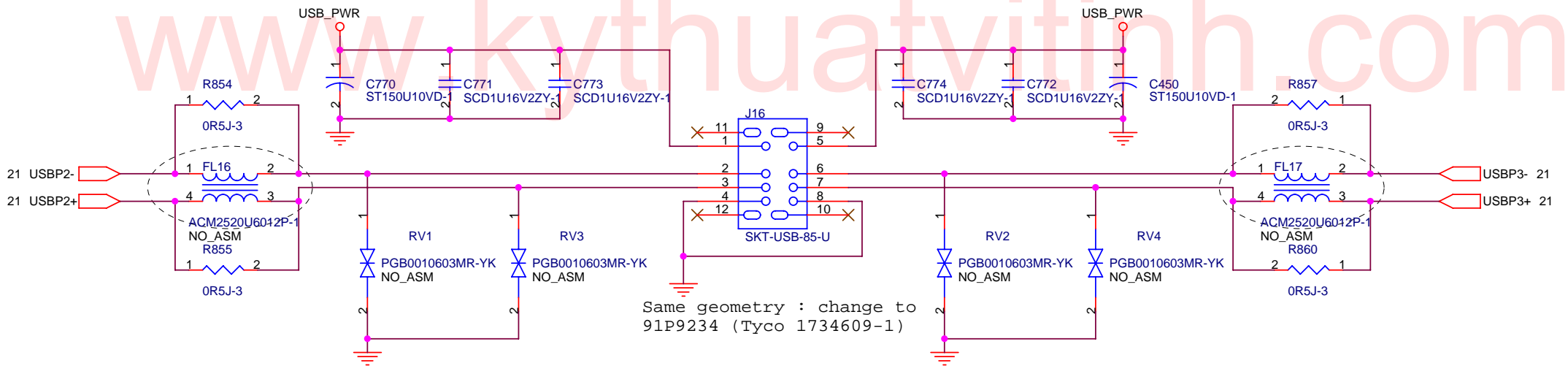
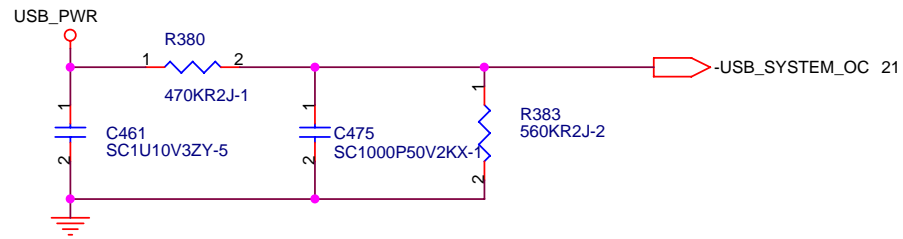
	Y-NOTE	K-NOTE
R1038	NO_ASM	ASM
R1039	ASM	NO_ASM
C1025	NO_ASM	NO_ASM
C1026	NO_ASM	NO_ASM
U16	ASM	NO_ASM
R1044	NO_ASM	ASM
R43	ASM	NO_ASM
R1011	NO_ASM	ASM
Q1073	ASM	NO_ASM
Q39	ASM	NO_ASM
R1145	NO_ASM	NO_ASM
R1144	NO_ASM	NO_ASM
R1010	NO_ASM	ASM

	-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>		
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**Y Note-6**



	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

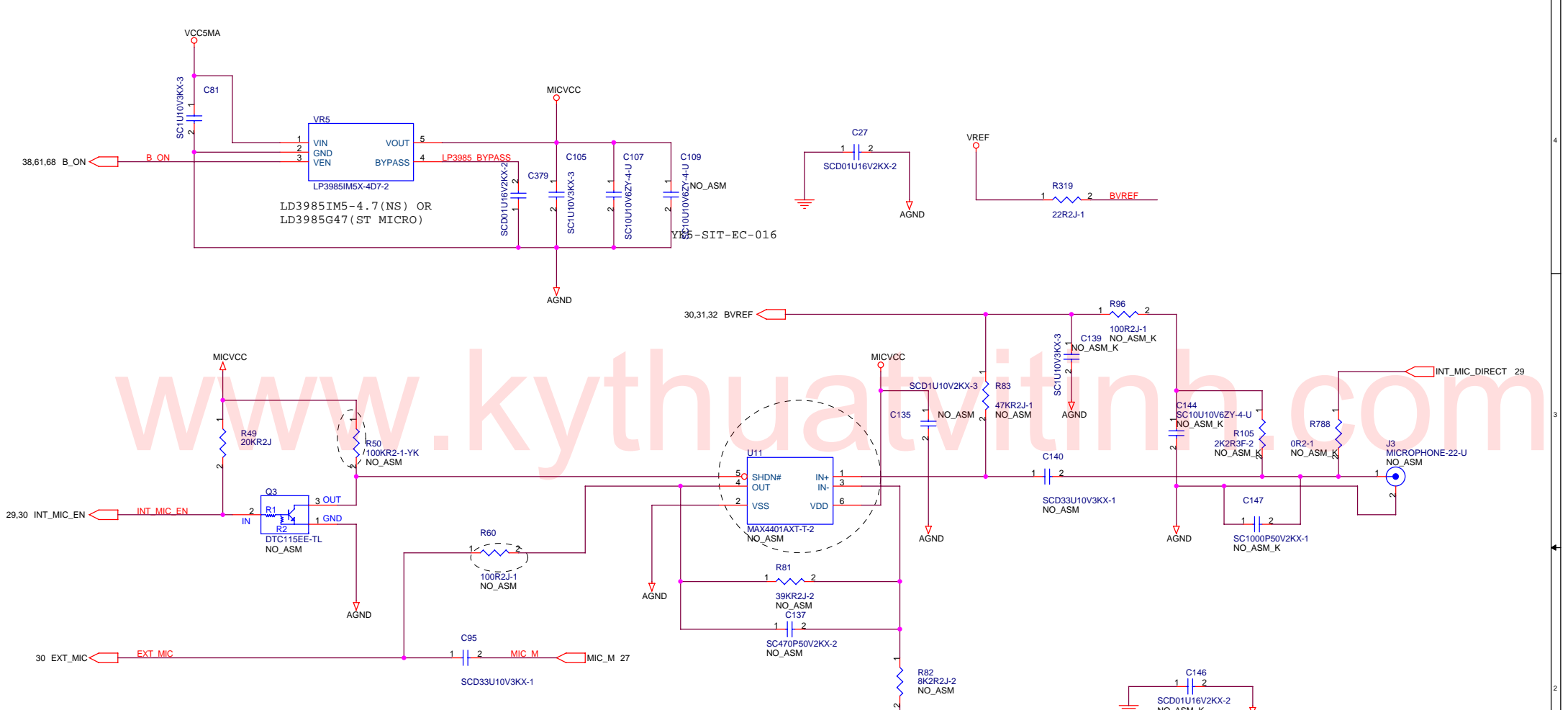
**緯創資通** **Wistron Corporation**  
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Title: **USB CONNECTOR**

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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

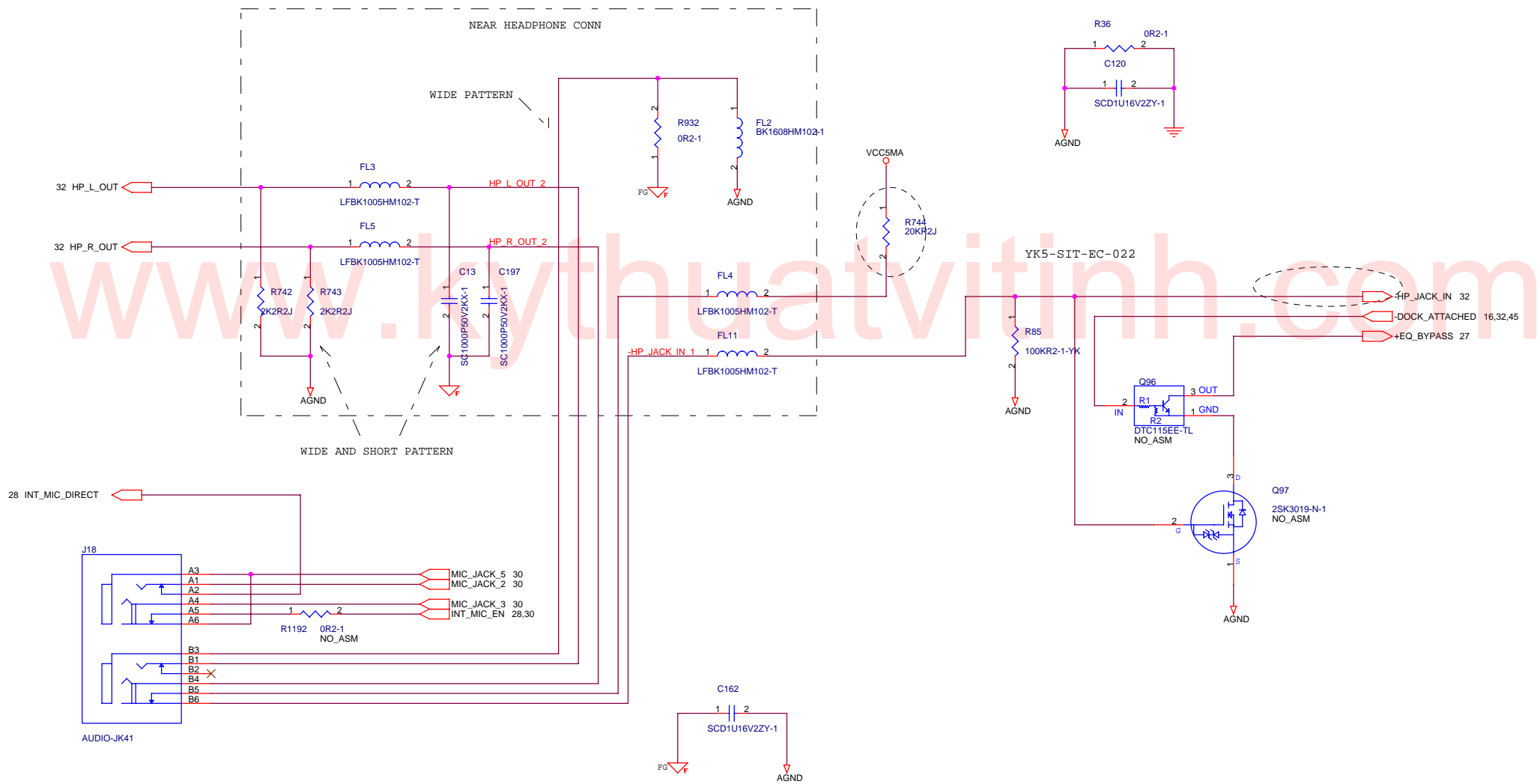
ALL PARTS MUST BE PLACED NEAR INTERNAL MICROPHONE

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Title: **AUDIO INT MIC**

Size: A3 Document Number: **Y Note-6** Rev: -3

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Q96	K-NOTE	Y-NOTE
Q97	NO_ASM	NO_ASM

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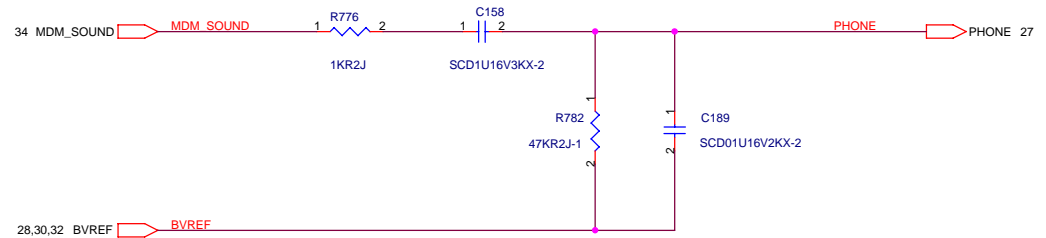
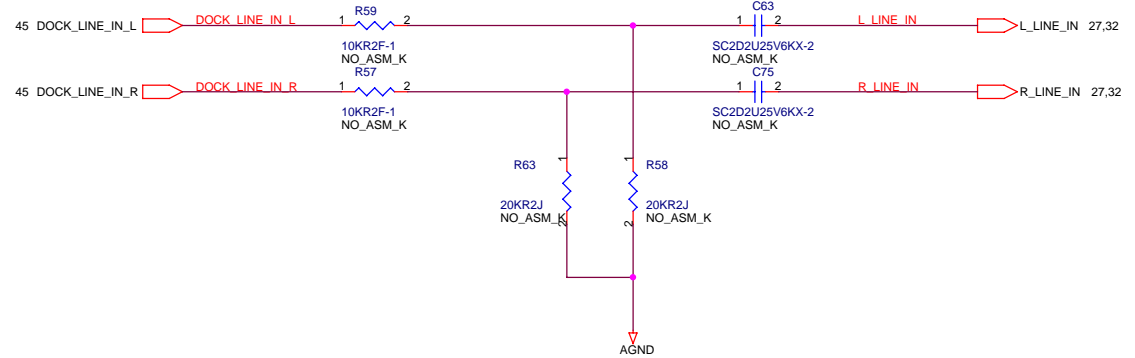
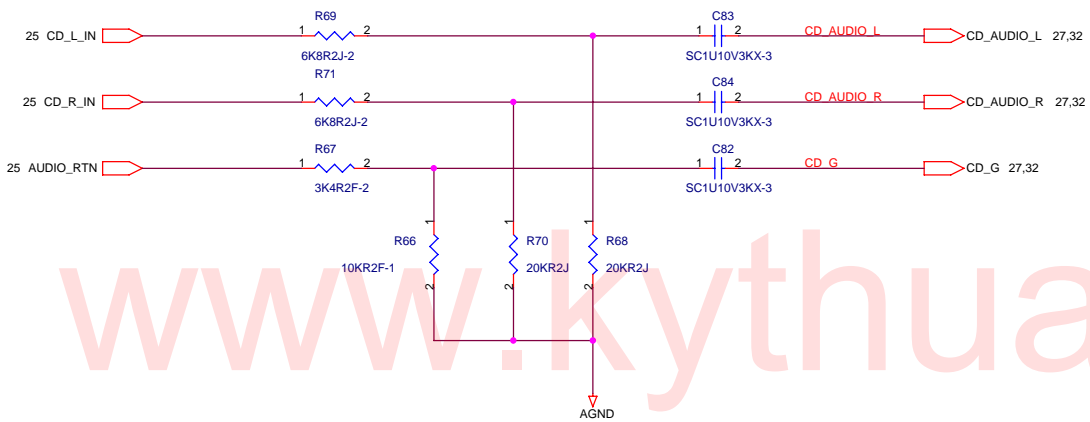
Title: **AUDIO HP & EXT MIC AMP**

Size: A3 Document Number: **Y Note-6** Rev: -3

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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

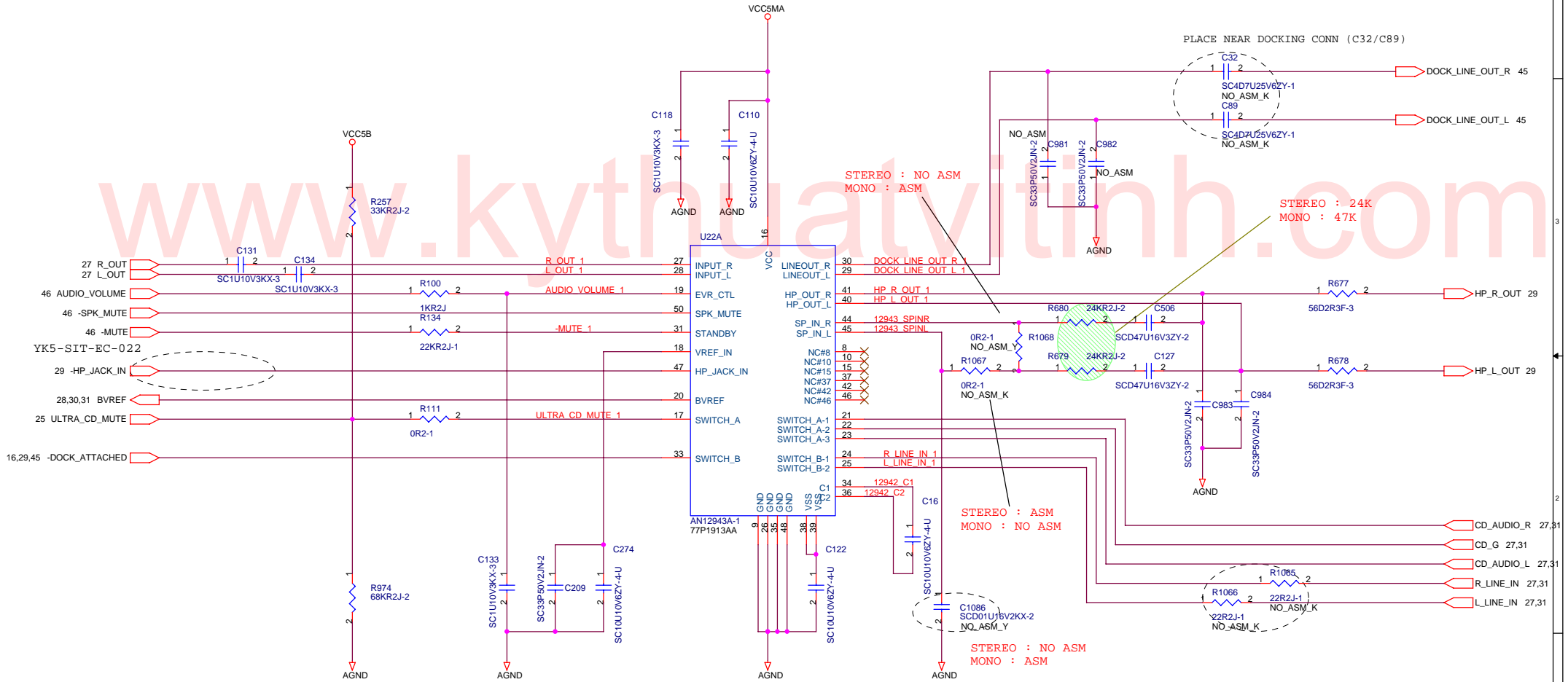


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Title			
<b>AUDIO MISC</b>			
Size	Document Number	Rev	
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	Y-NOTE	K-NOTE
C981	NO_ASM	NO_ASM
C982	NO_ASM	NO_ASM
C89	ASM	NO_ASM
C32	ASM	NO_ASM

	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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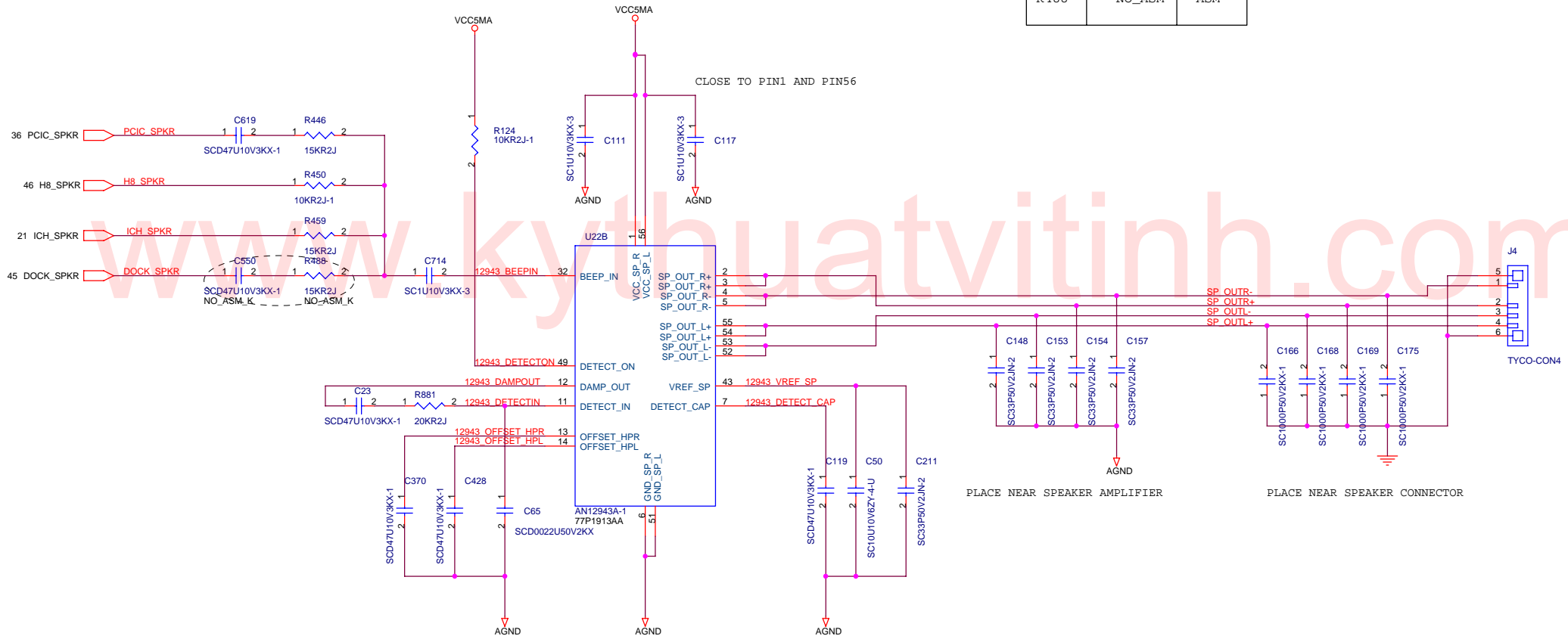
Title: **AUDIO HDP AMP AN12943A (1/2)**

Size: A3	Document Number: <b>Y Note-6</b>	Rev: -3
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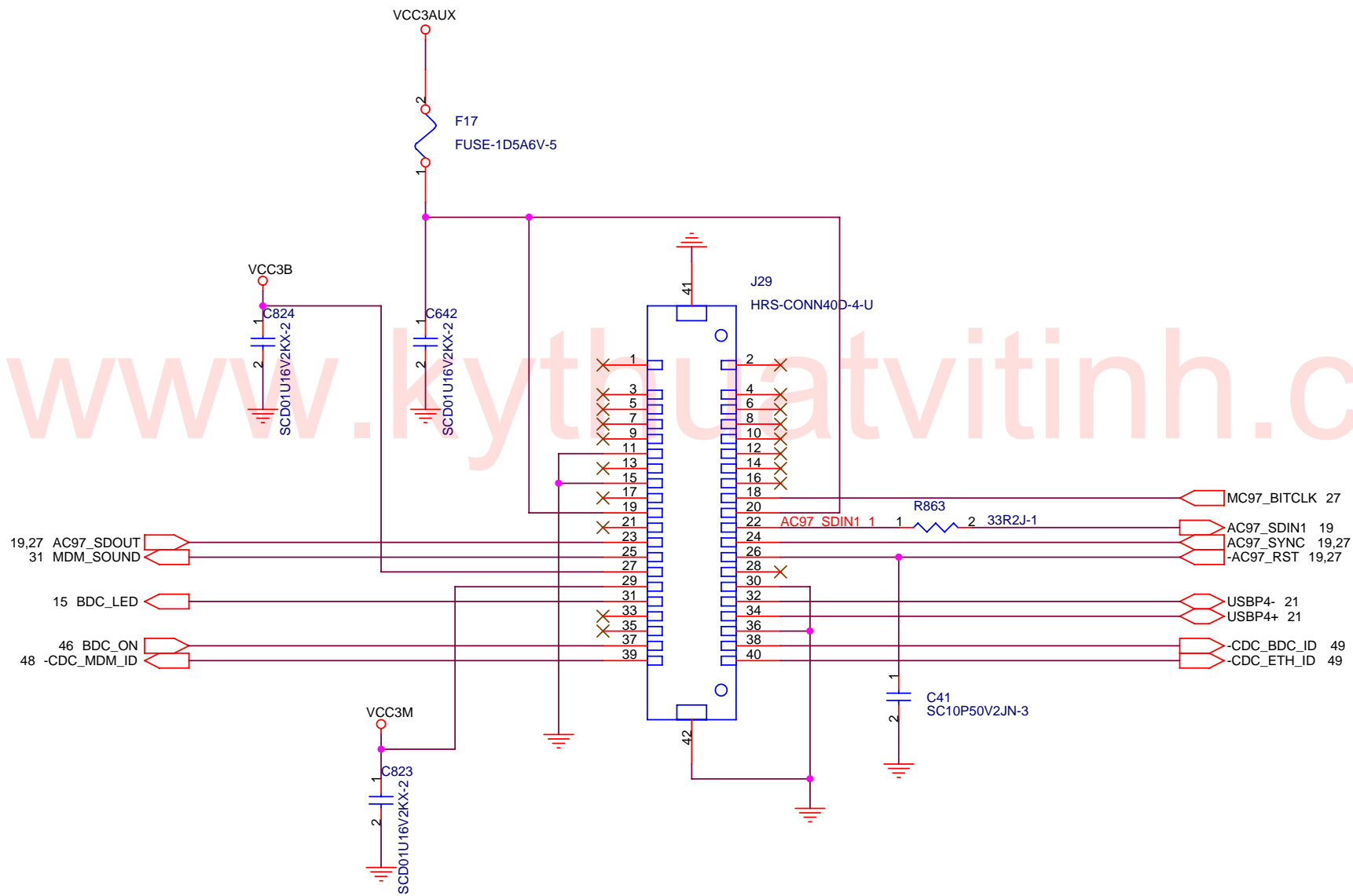


	K-NOTE	Y-NOTE
C550	NO_ASM	ASM
R488	NO_ASM	ASM



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

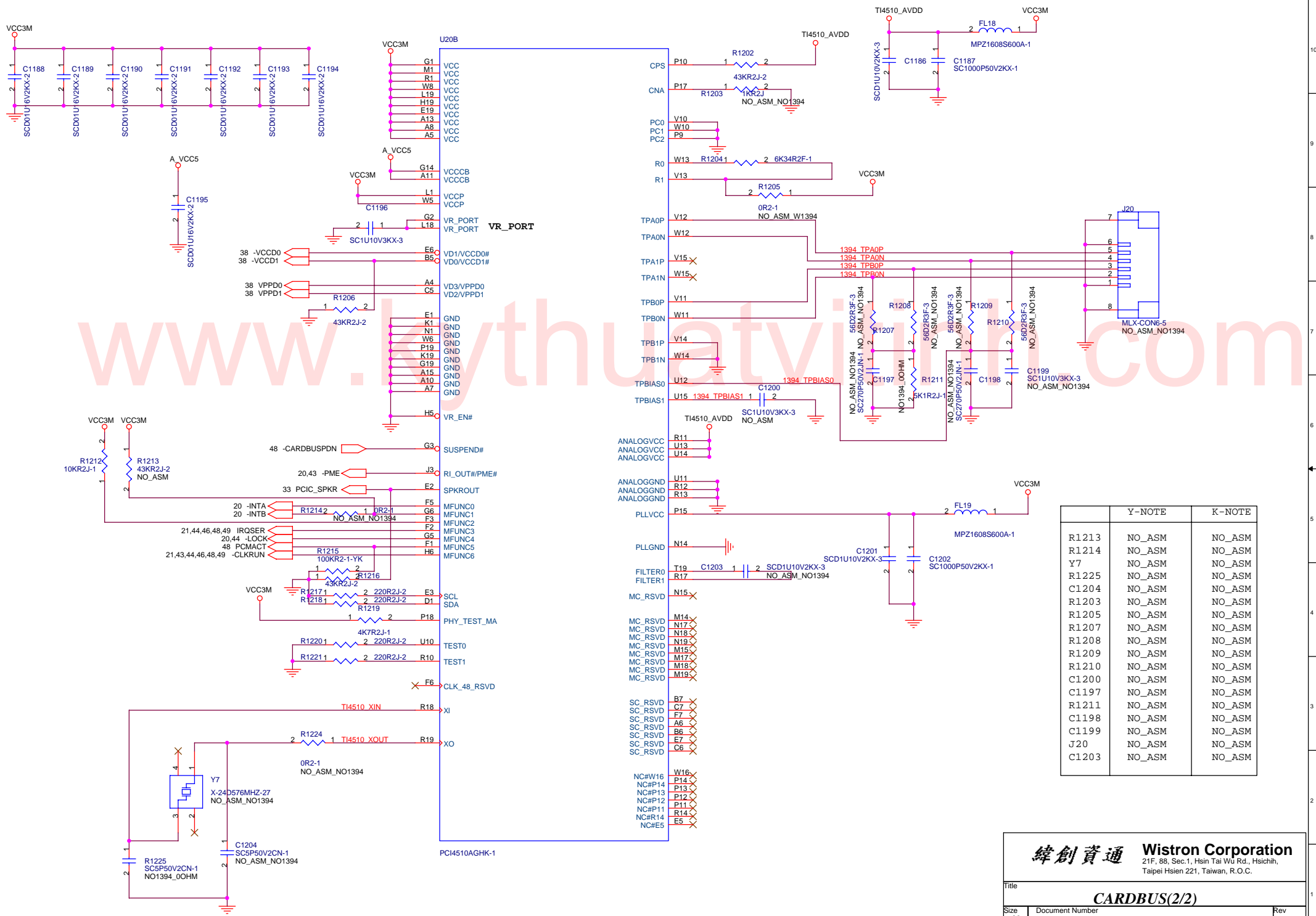
Title		<b>AUDIO HDP AMP AN12943A (1/2)</b>	
Size	Document Number	Rev	
A3		-3	
Date: Wednesday, March 09, 2005		Sheet	33 of 71



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Title			<b>CDC CONNECTOR</b>		
Size	Document Number				Rev
A4	<b>Y Note-6</b>				-3
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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

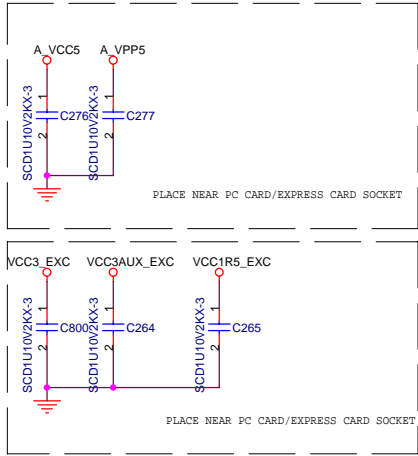
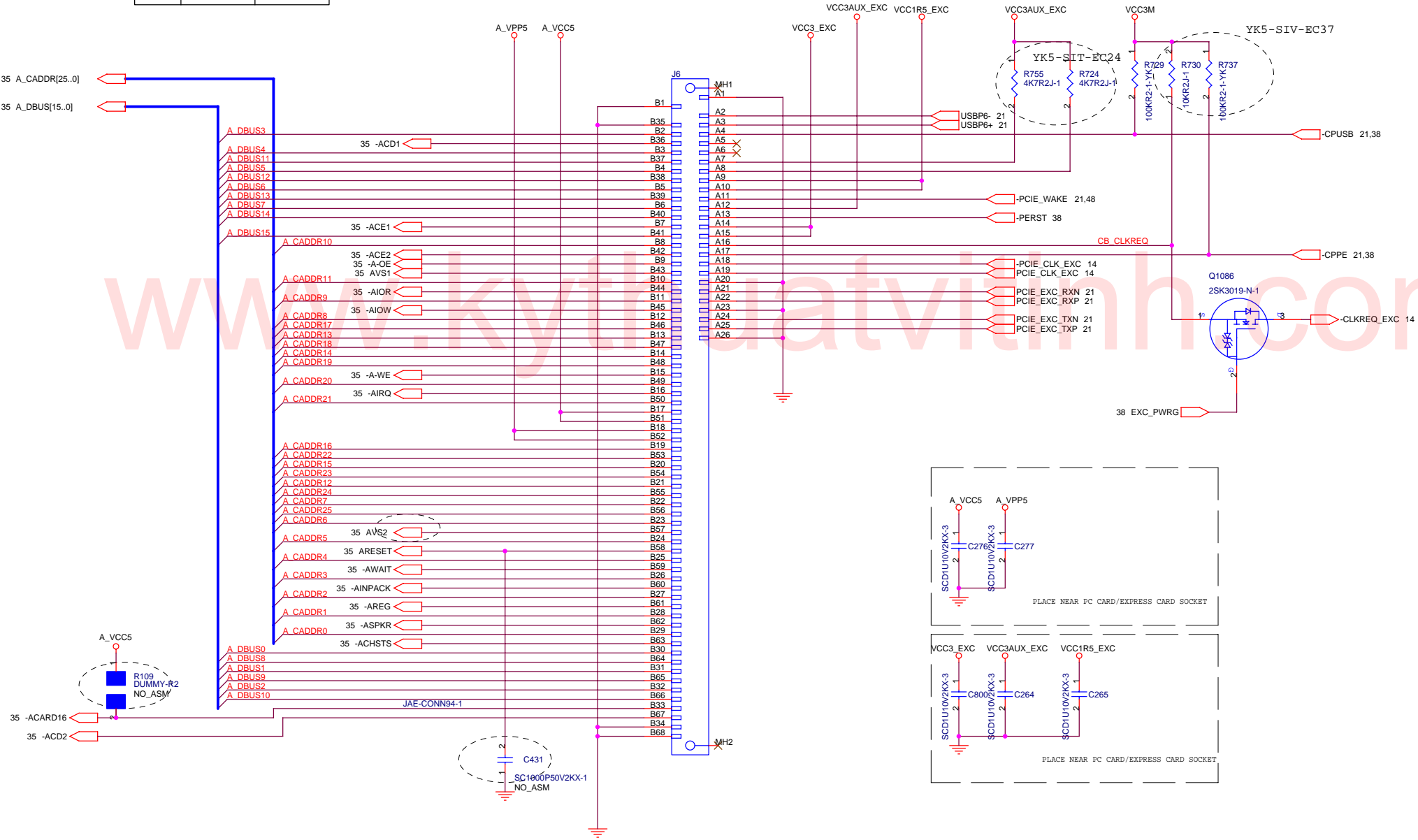
**緯創資通 Wistron Corporation**  
 21F, 88, Sec.1, Hsin Tai WJ Rd., Hsichih,  
 Taipei Hsien 221, Taiwan, R.O.C.

Title: **CARDBUS(2/2)**

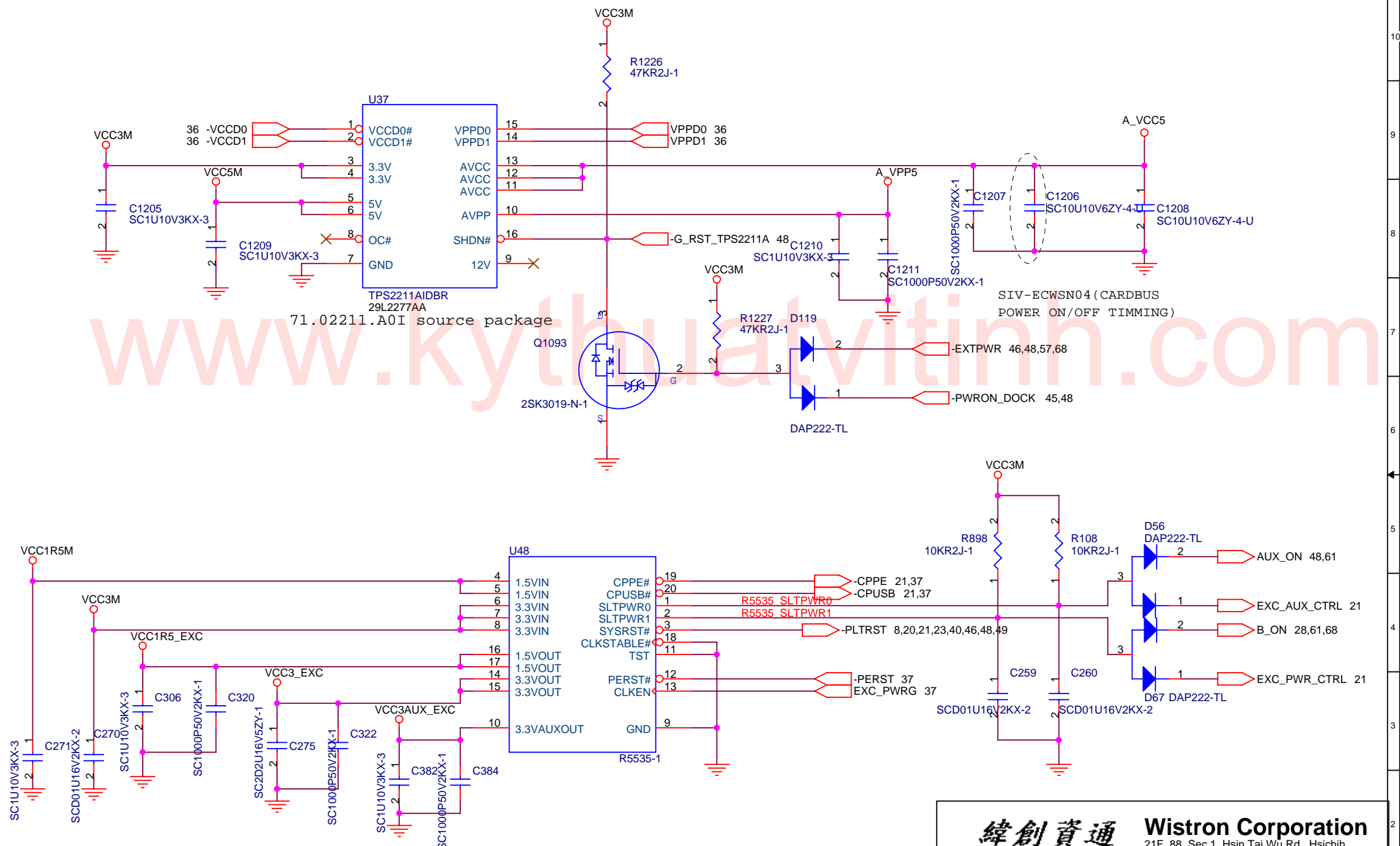
Size: A3 Document Number: **Y Note-6** Rev: -3

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



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Title			
<b>CARDBUS/EXPRESS CARD SLOT</b>			
Size	Document Number	Rev	
Custom		Y Note-6	-3
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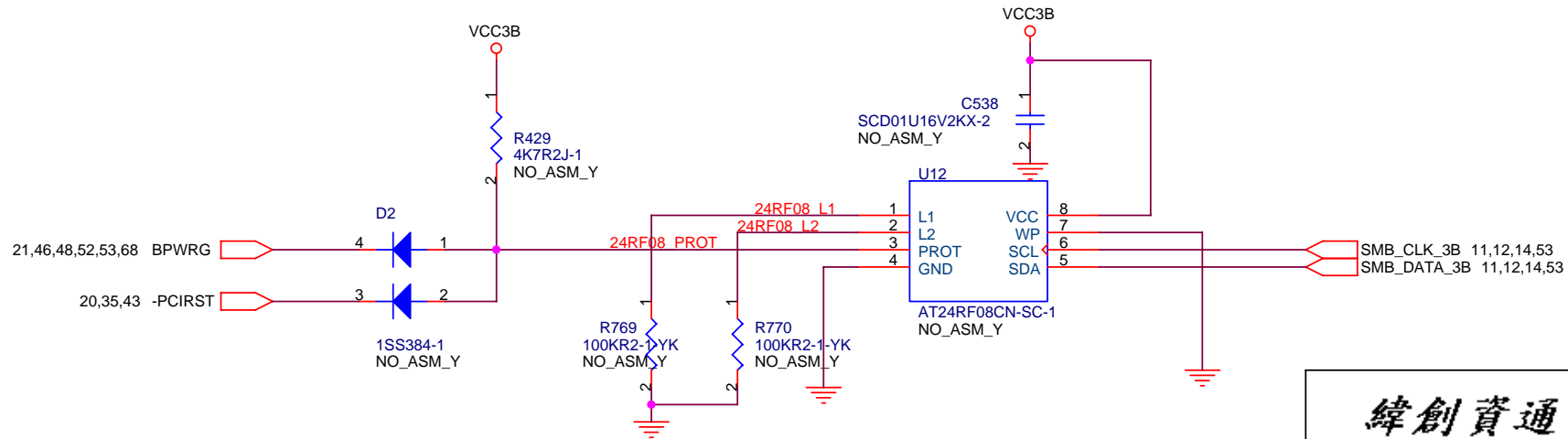
71.02211.A0I source package

SIV-ECWSN04 (CARDBUS POWER ON/OFF TIMMING)

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Title		
<b>CARDBUS POWER CONTROL</b>		
Size A4	Document Number	Rev <b>Y Note-6</b> -3
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Title

**EEPROM**

Size  
A4

Document Number

**Y Note-6**

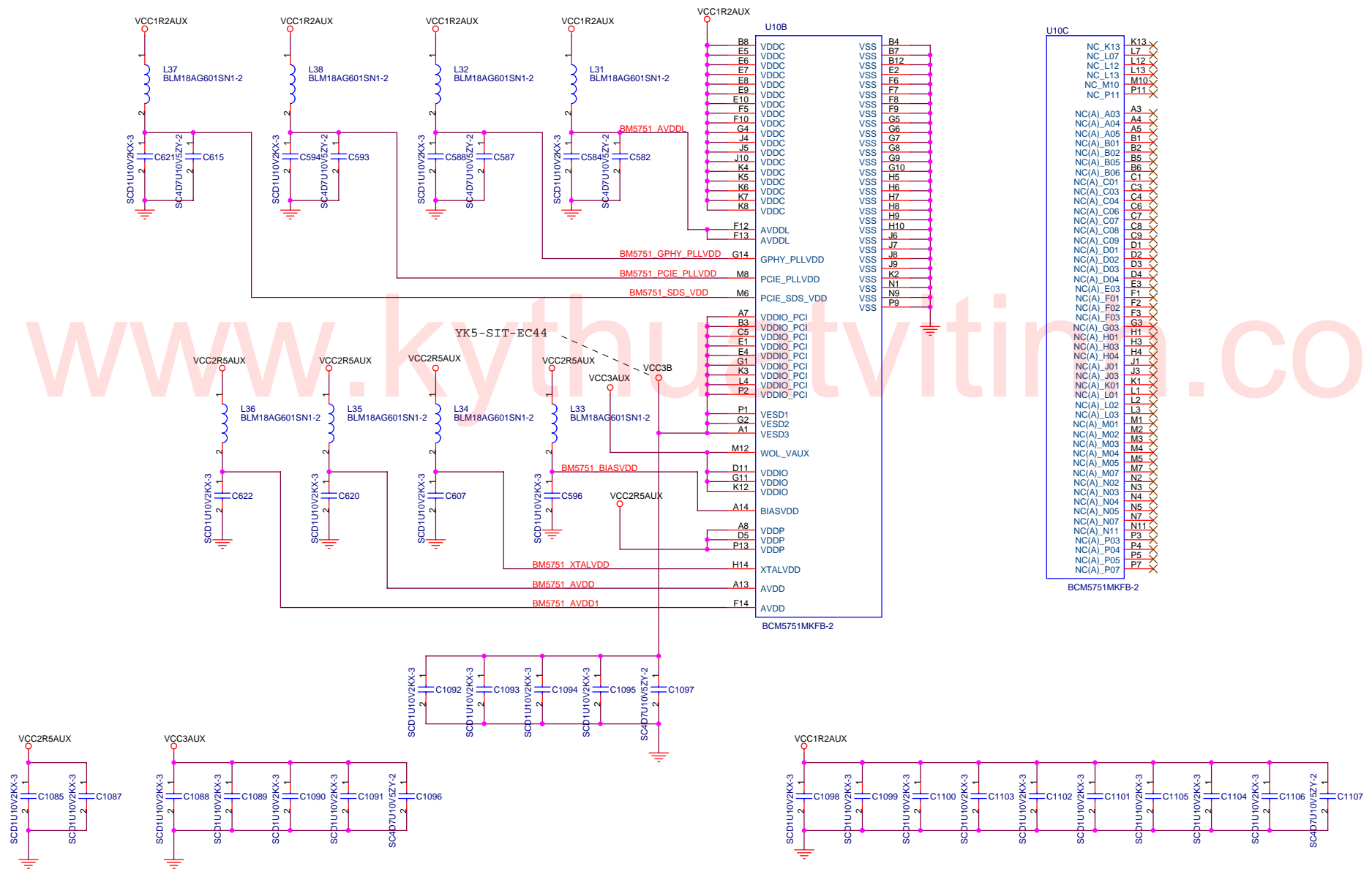
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-3

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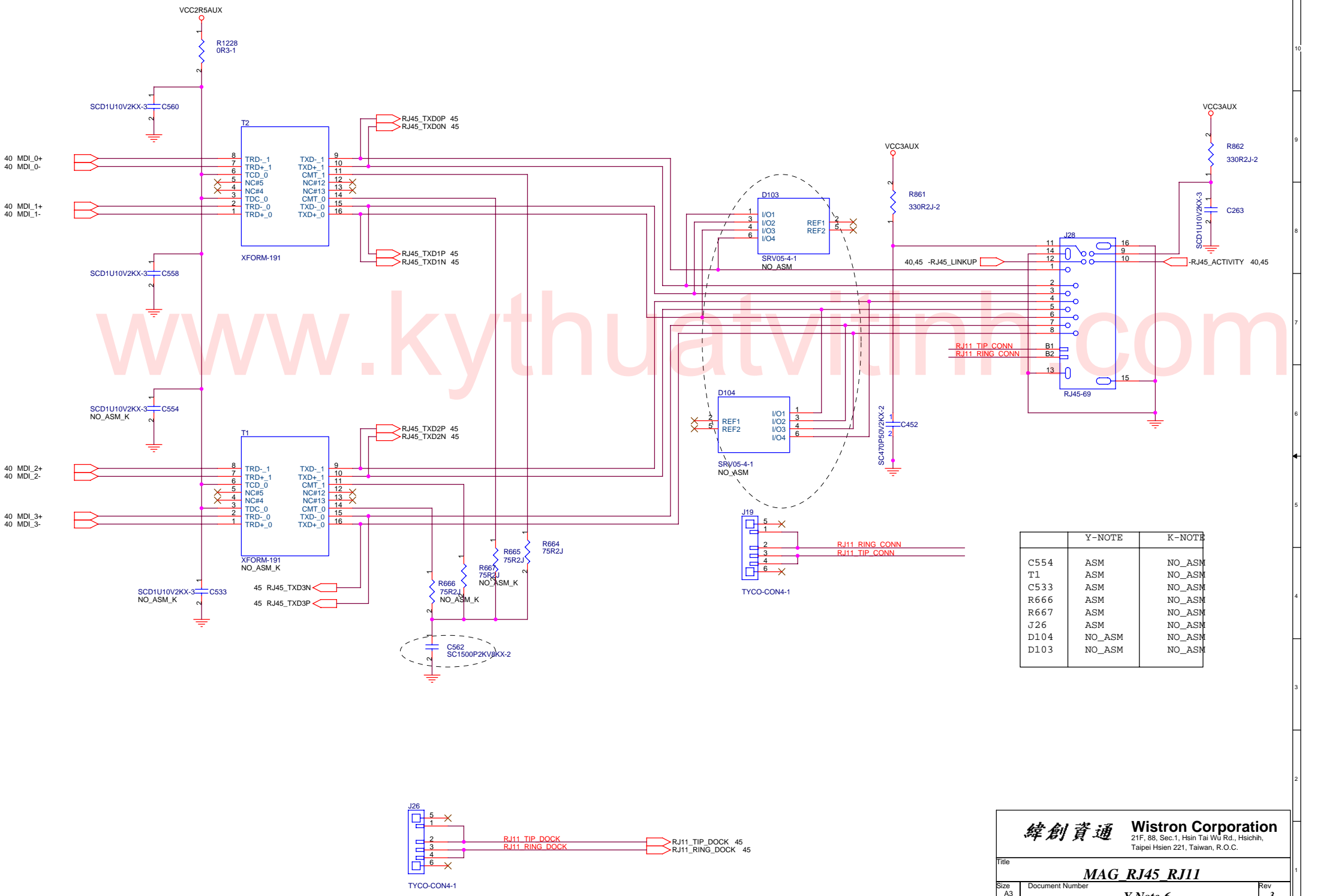




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Title		
<b>GBE(2/2)</b>		
Size	Document Number	Rev
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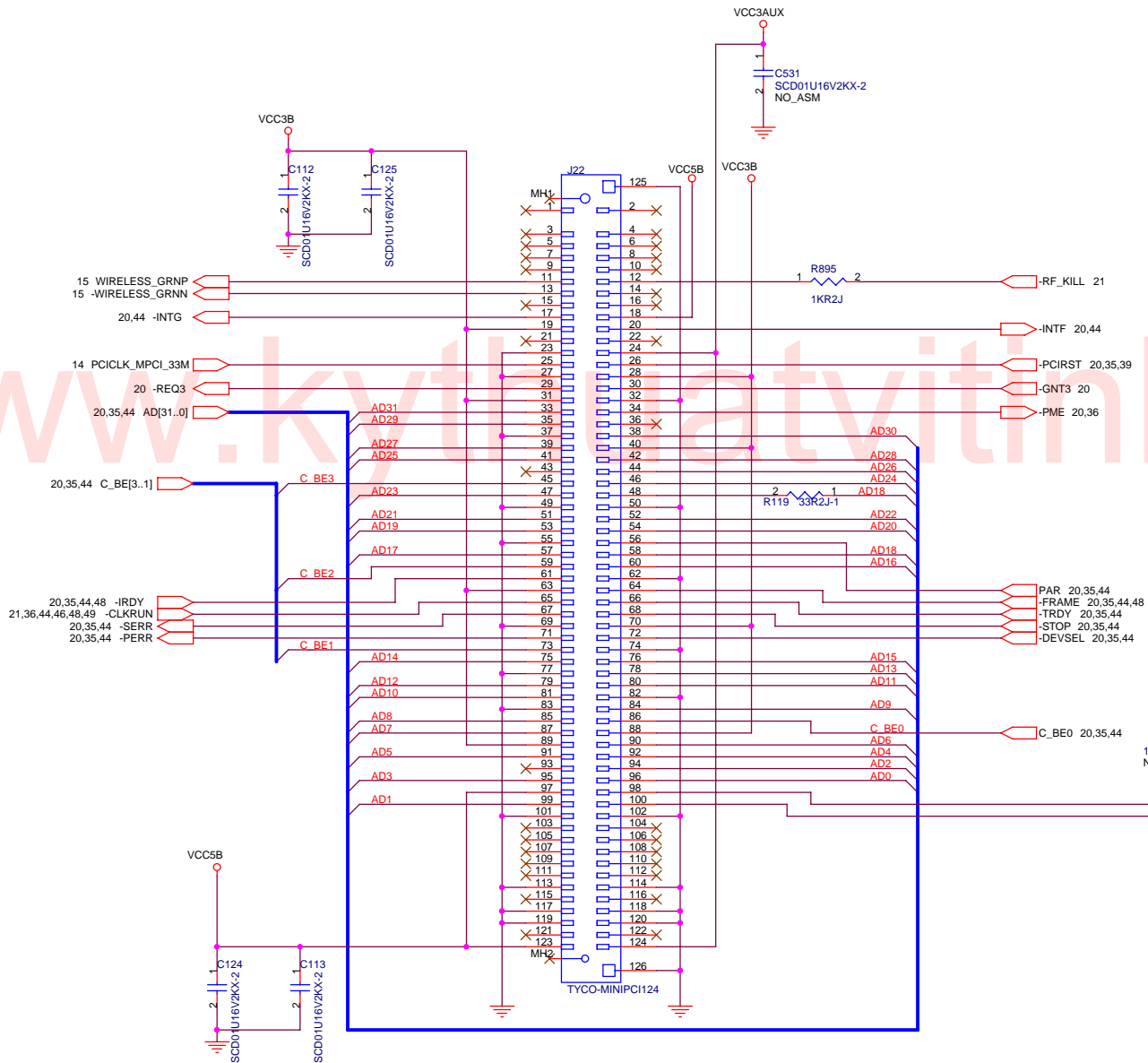
	Y-NOTE	K-NOTE
C554	ASM	NO_ASM
T1	ASM	NO_ASM
C533	ASM	NO_ASM
R666	ASM	NO_ASM
R667	ASM	NO_ASM
J26	ASM	NO_ASM
D104	NO_ASM	NO_ASM
D103	NO_ASM	NO_ASM

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

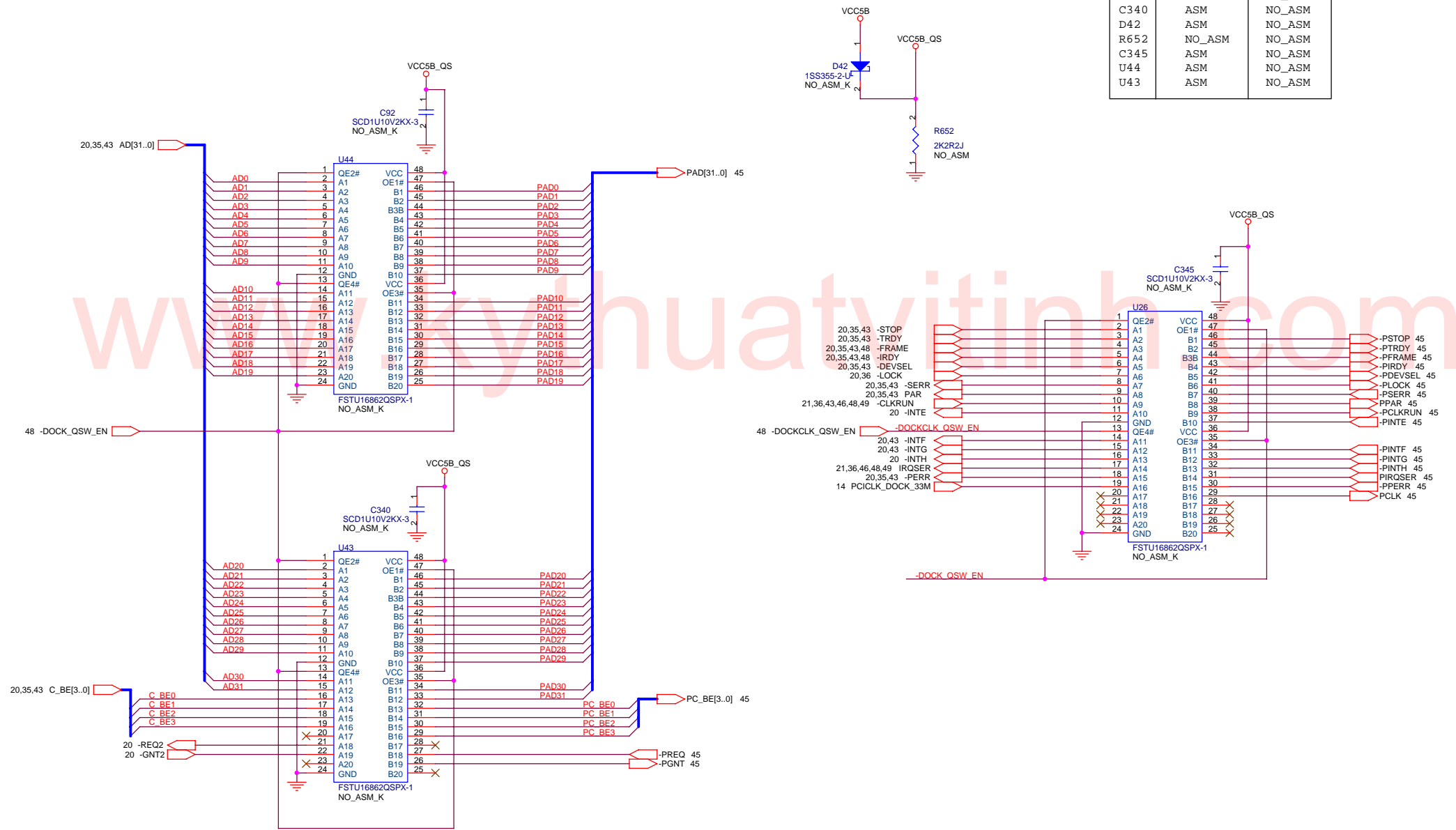
Title: **MAG RJ45 RJ11**

Size: A3	Document Number: <b>Y Note-6</b>	Rev: -3
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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**

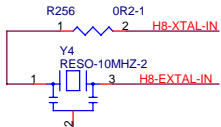
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Size: A3    Document Number:    Rev: -3

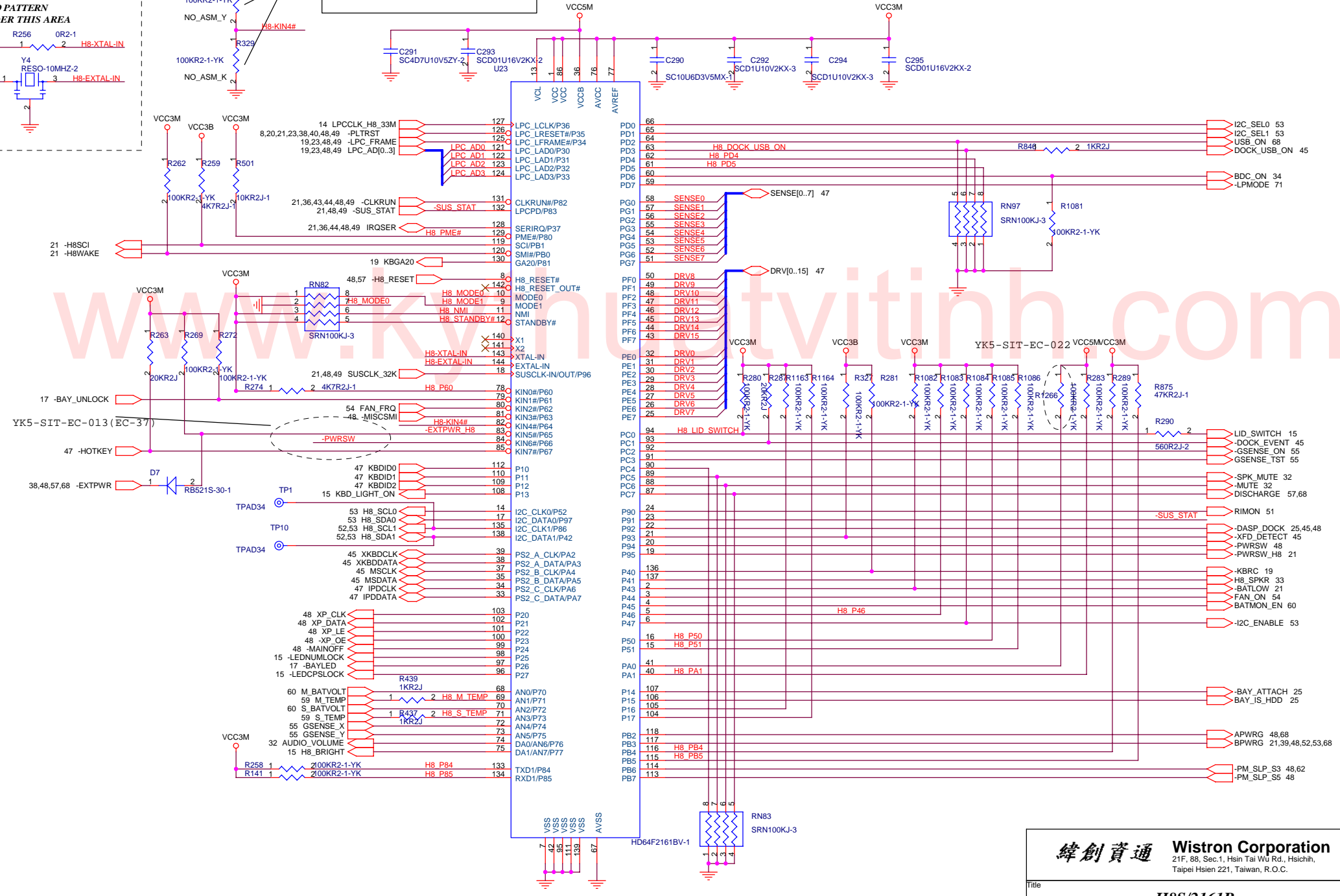
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- NEAR H8S/2169A:
- SHORT PATTERN
- NO PATTERN UNDER THIS AREA



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



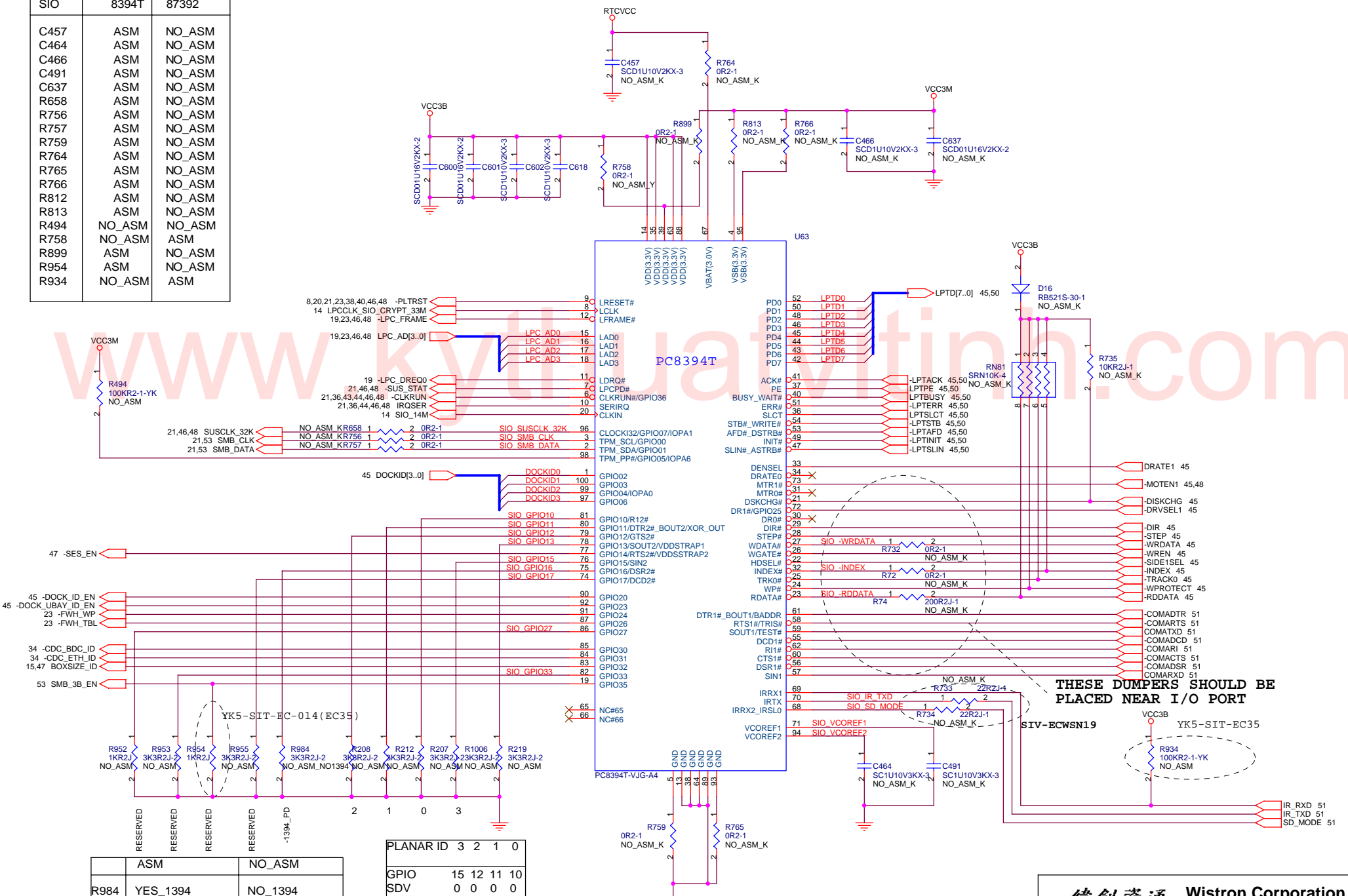
<b>緯創資通 Wistron Corporation</b>	
21F, 88, Sec.1, Hsin Tai Wj Rd., Hsichih, Taipei Hsien 221, Taiwan, R.O.C.	
<b>H8S/2161B</b>	
<b>Y Note-6</b>	
Title	
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SIO	8394T	87392
C457	ASM	NO_ASM
C464	ASM	NO_ASM
C466	ASM	NO_ASM
C491	ASM	NO_ASM
C637	ASM	NO_ASM
R658	ASM	NO_ASM
R756	ASM	NO_ASM
R757	ASM	NO_ASM
R759	ASM	NO_ASM
R764	ASM	NO_ASM
R765	ASM	NO_ASM
R766	ASM	NO_ASM
R812	ASM	NO_ASM
R813	ASM	NO_ASM
R494	NO_ASM	NO_ASM
R758	NO_ASM	ASM
R899	ASM	NO_ASM
R954	ASM	NO_ASM
R934	NO_ASM	ASM



	ASM	NO_ASM
R984	YES_1394	NO_1394

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

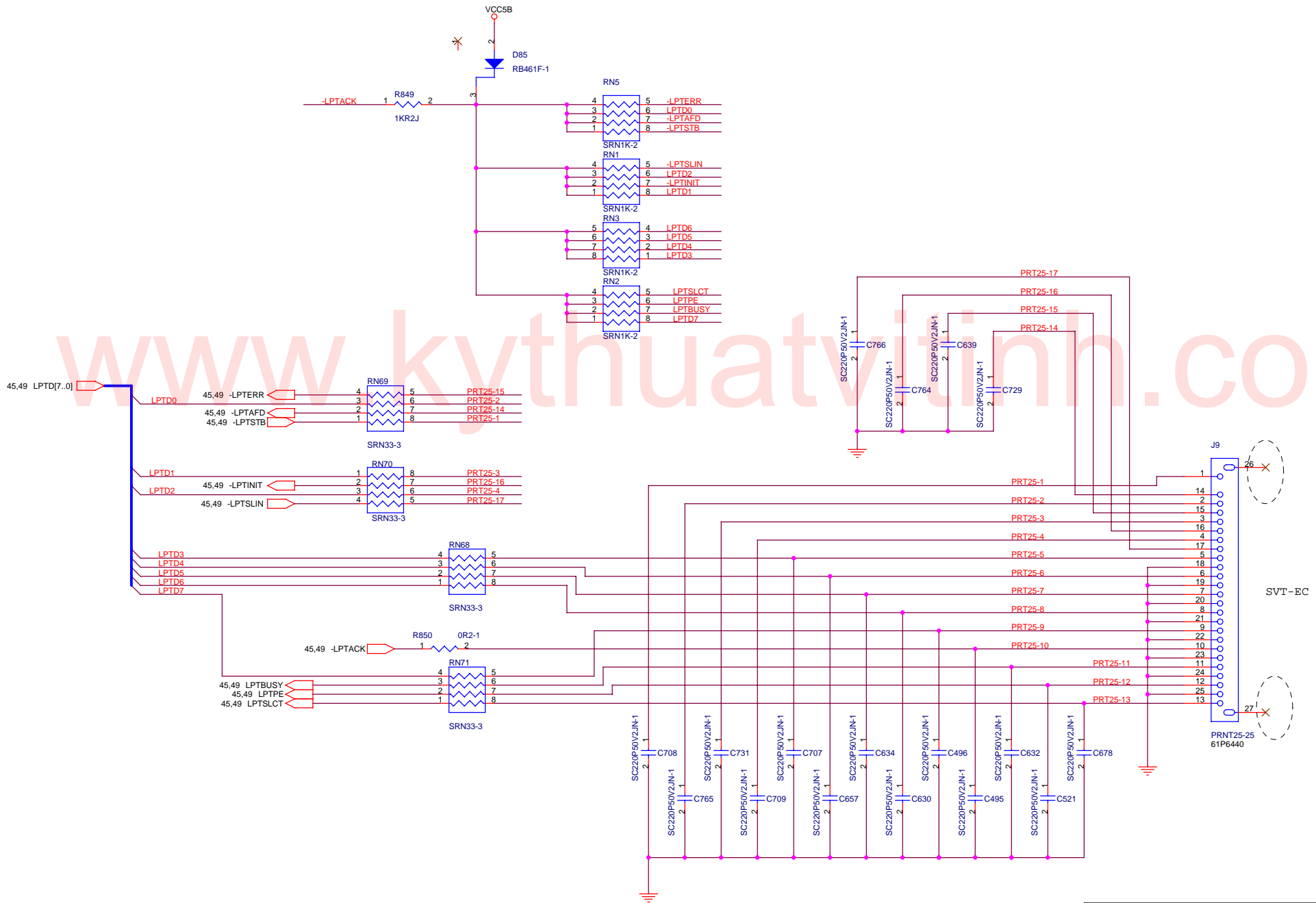
THESE DUMPERS SHOULD BE PLACED NEAR I/O PORT

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

Title: **SUPER I/O (8394T)**

Size: A3 Document Number: Y Note-6 Rev: -3

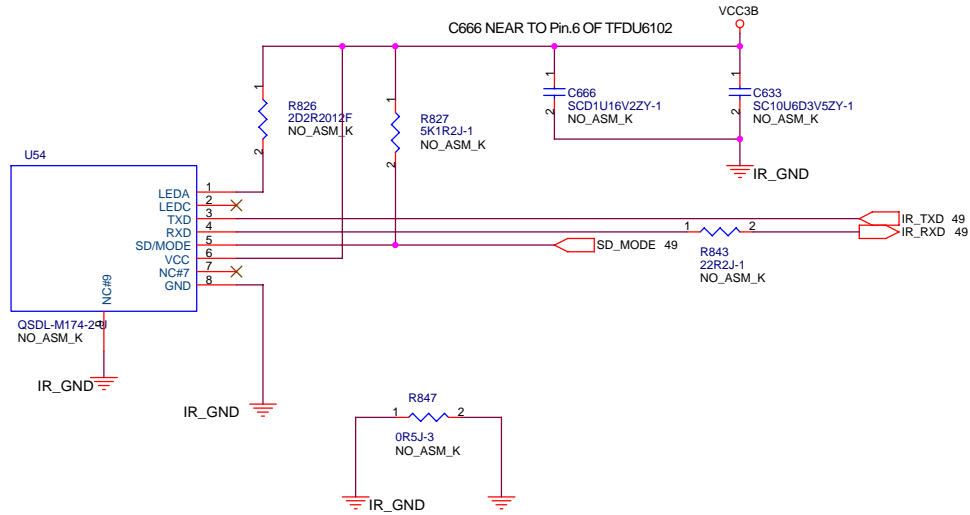
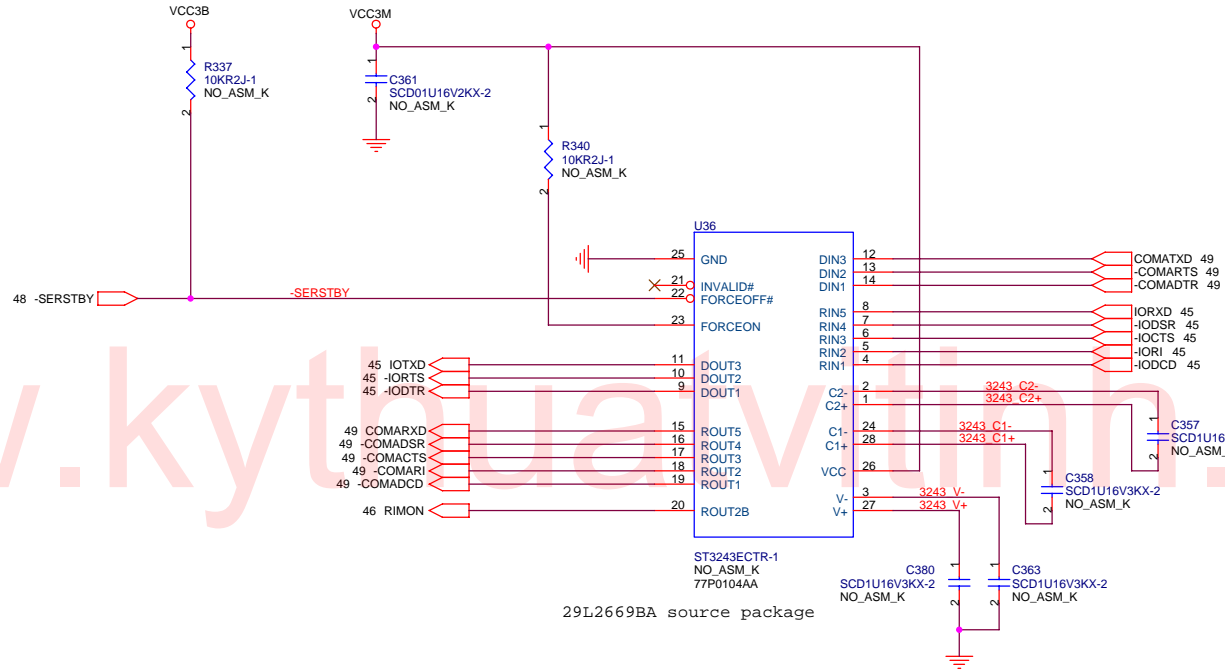
Date: Wednesday, March 09, 2005 Sheet: 49 of 71

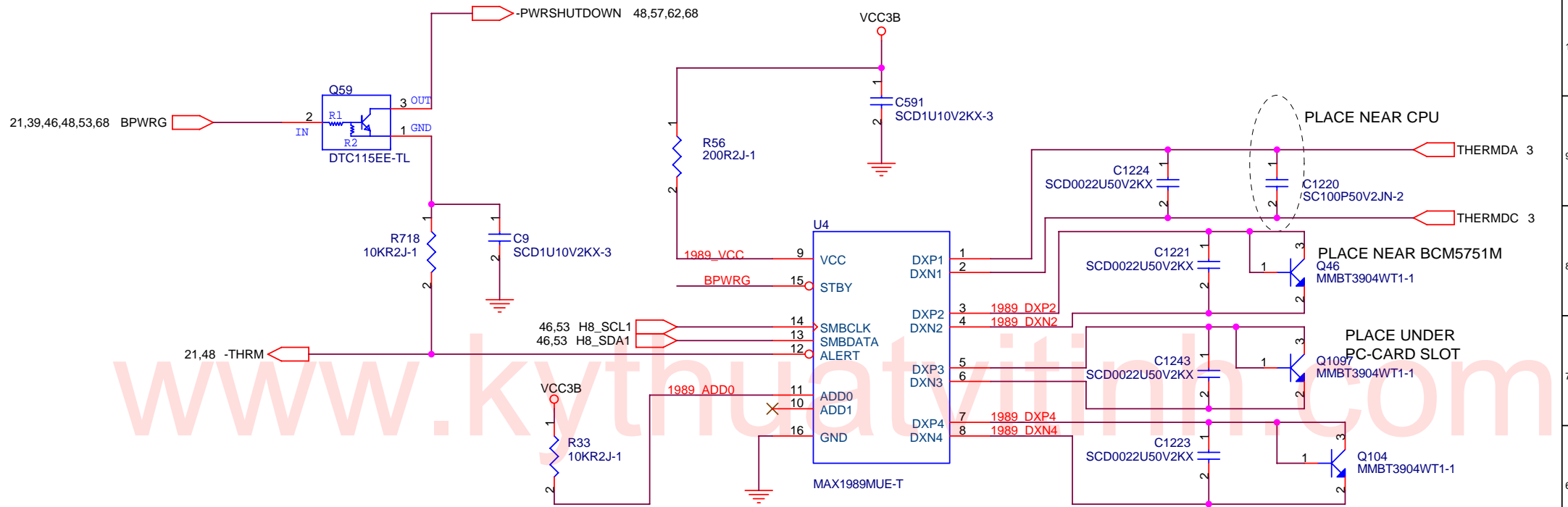


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 Taipei Hsien 221, Taiwan, R.O.C.

Title		
<b>PARALLEL</b>		
Size A3	Document Number <b>Y Note-6</b>	Rev -3
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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



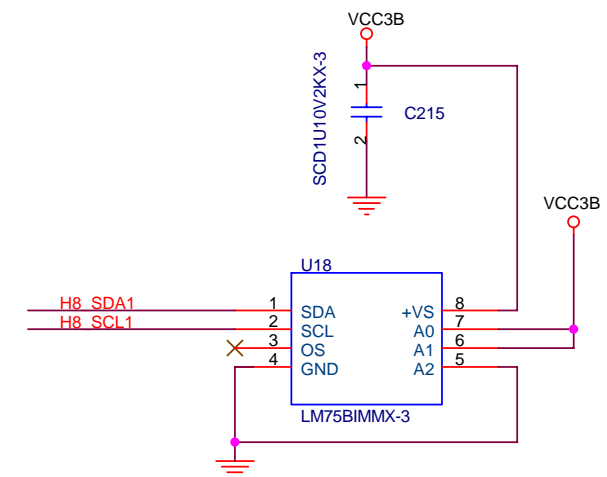


PLACE NEAR CPU

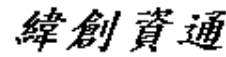
PLACE NEAR BCM5751M

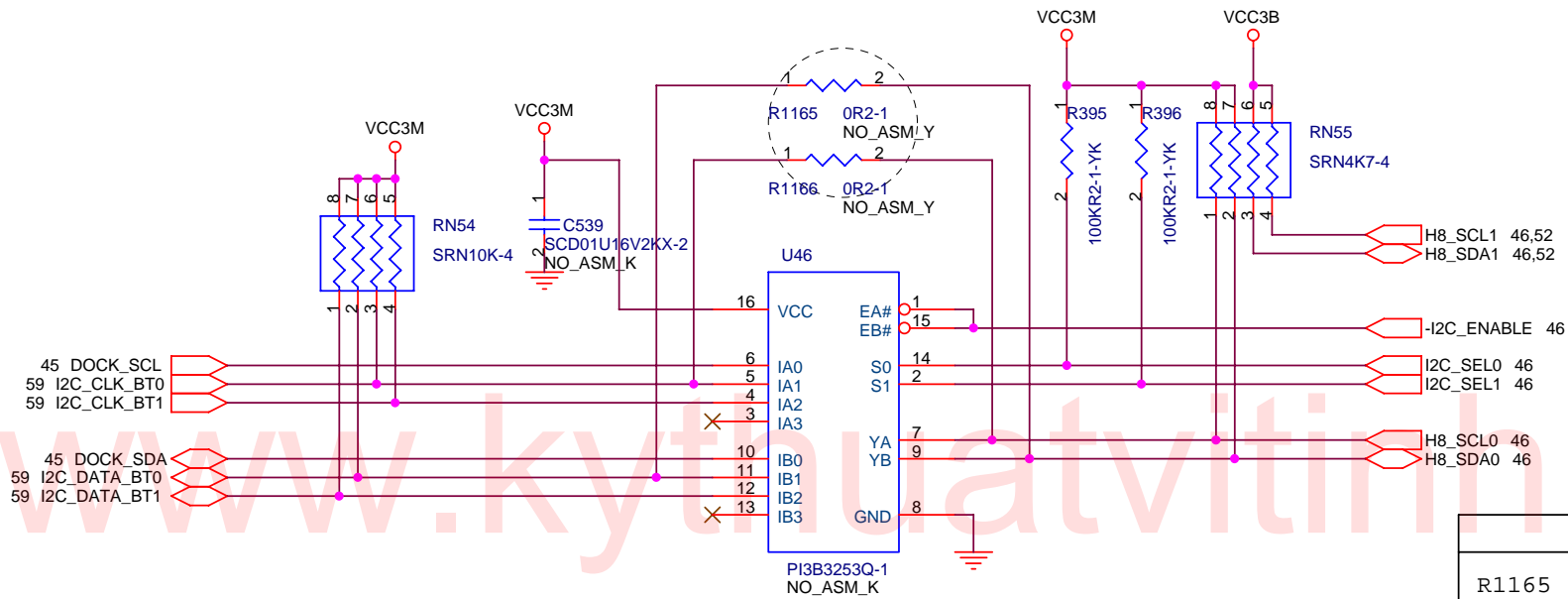
PLACE UNDER PC-CARD SLOT

PLACE NEAR LEFT FAN STUD

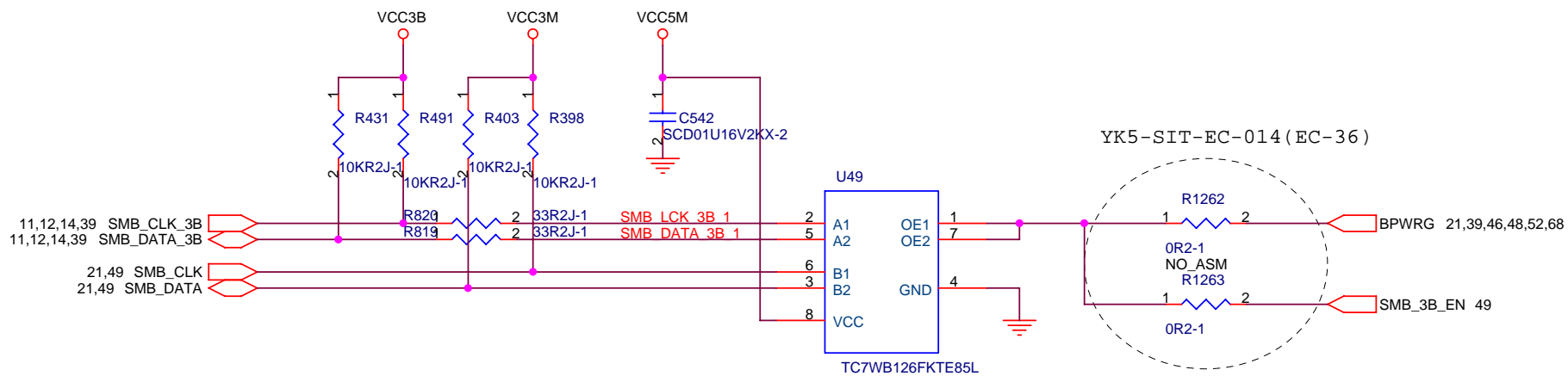


ADDRESS : 4BH  
PLACE NEAR  
2ND MEMORY  
SLOT

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<b>THERMAL SENSORS</b>	
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	Y-NOTE	K-NOTE
R1165	NO_ASM	ASM
R1166	NO_ASM	ASM
C539	ASM	NO_ASM
U46	ASM	NO_ASM

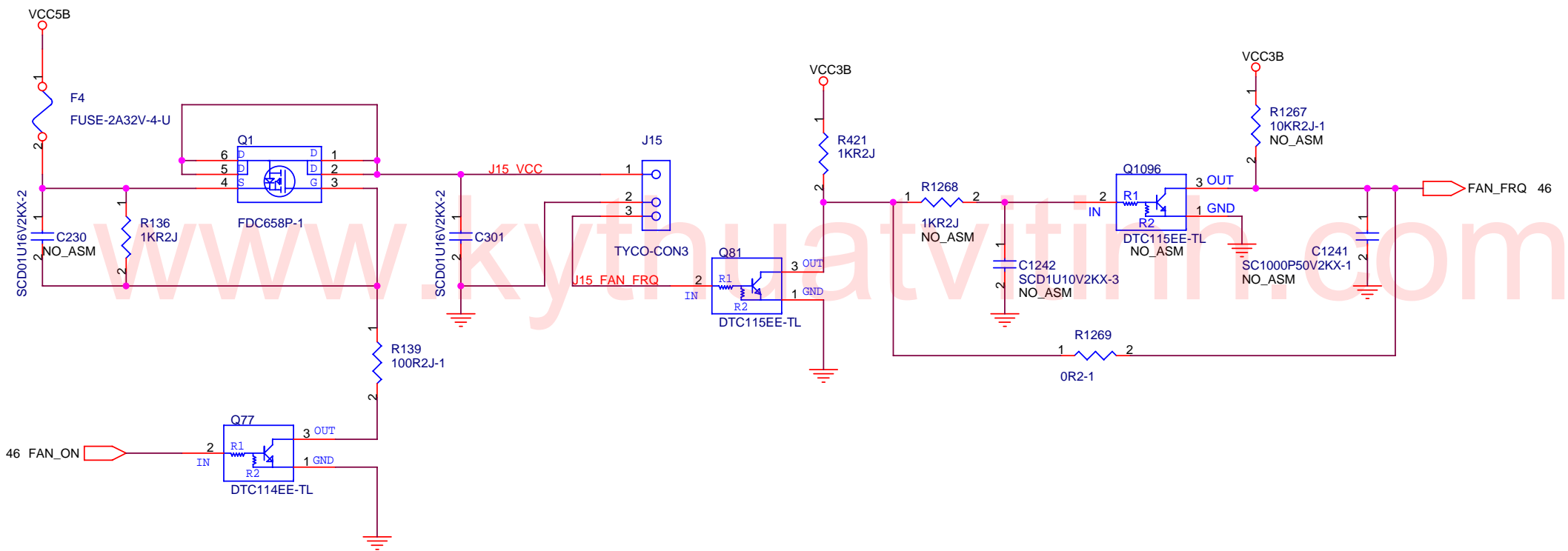


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 Taipei Hsien 221, Taiwan, R.O.C.


Title  
**I2CBUS/SMBUS**

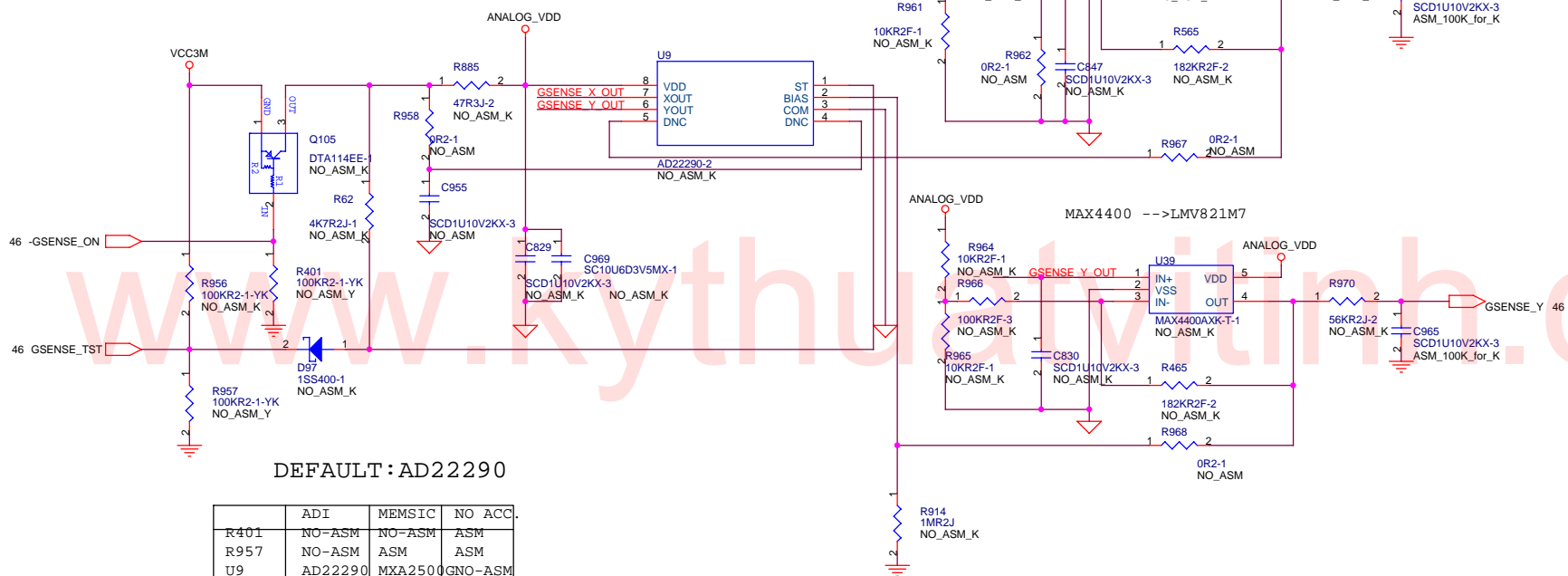
Size A4	Document Number <b>Y Note-6</b>	Rev <b>-3</b>
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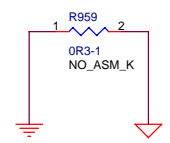
	Y-NOTE	K-NOTE
C230	NO_ASM	NO_ASM

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<b>FAN CONTROL</b>	
Title Size A4	Document Number <b>Y Note-6</b>
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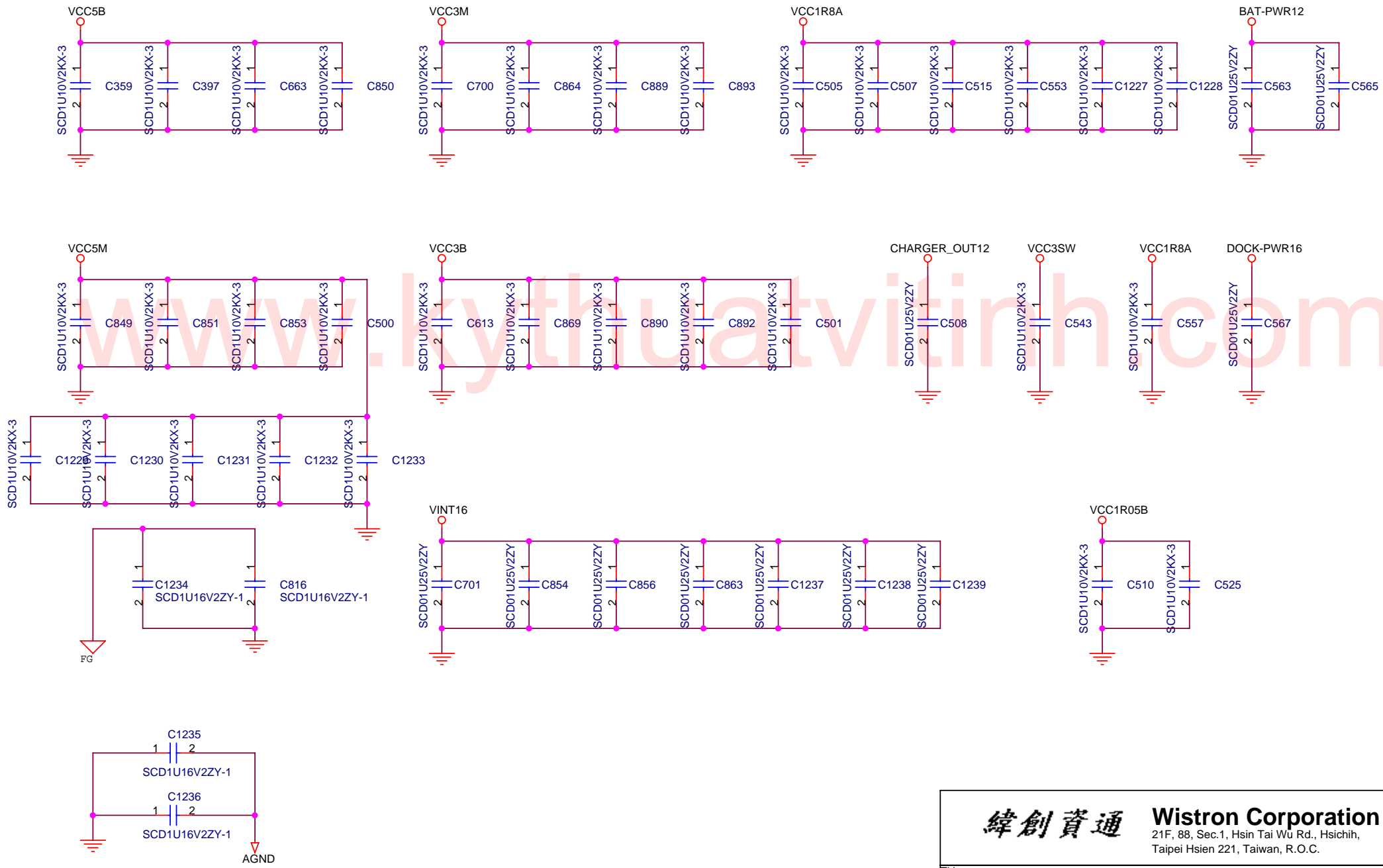


DEFAULT:AD22290

	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



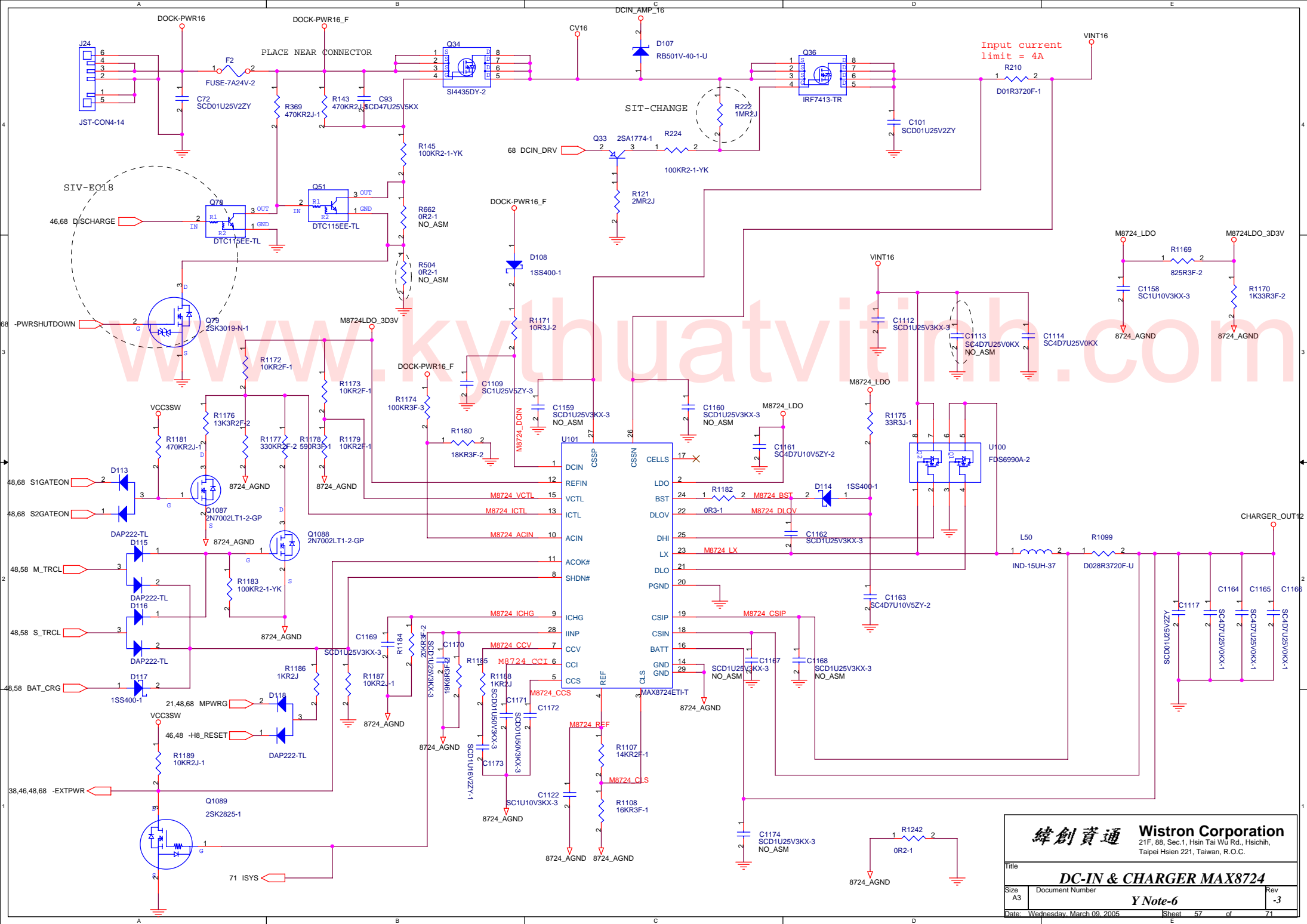
<b>緯創資通 Wistron Corporation</b>	
21F, 8B, Sec.1, Hsin Tai Wu Rd., Hsichih, Taipei Hsien 221, Taiwan, R.O.C.	
Title <b>G-SENSOR</b>	
Size A3	Document Number <b>Y Note-6</b>
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 21F, 88, Sec.1, Hsin Tai Wu Rd., Hsichih,  
 Taipei Hsien 221, Taiwan, R.O.C.

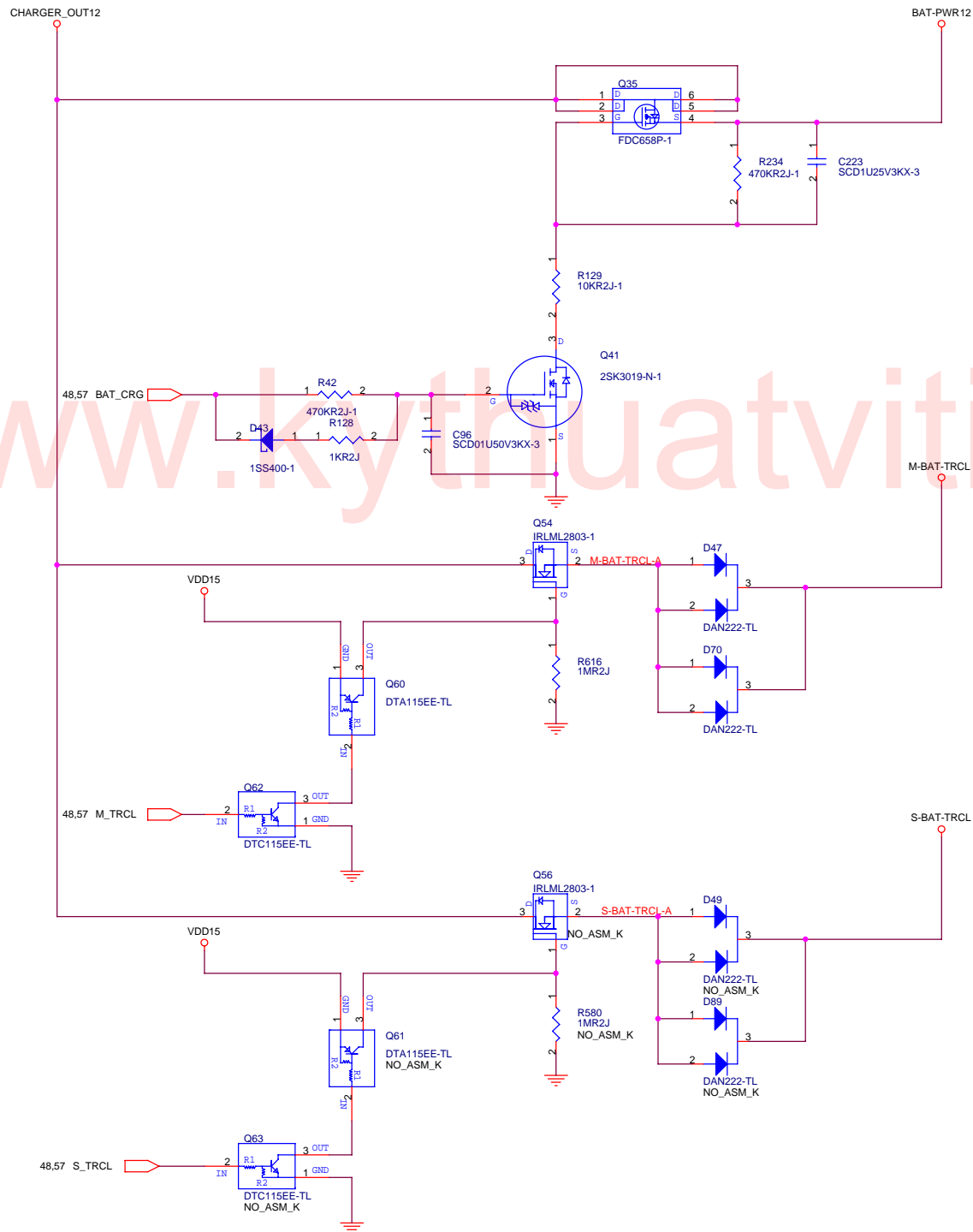
Title			<b>EMC CAP</b>
Size A4	Document Number	<b>Y Note-6</b>	
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			Rev <b>-3</b>





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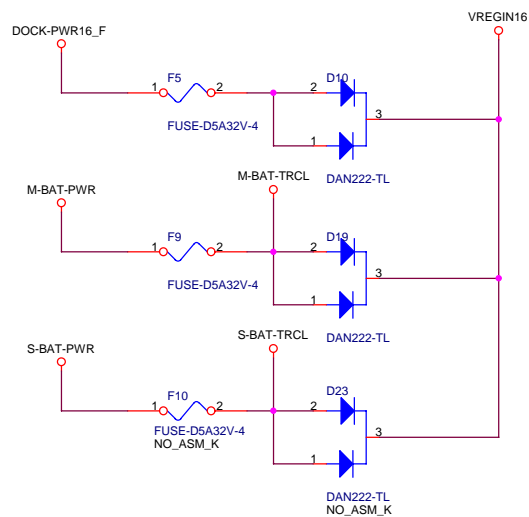
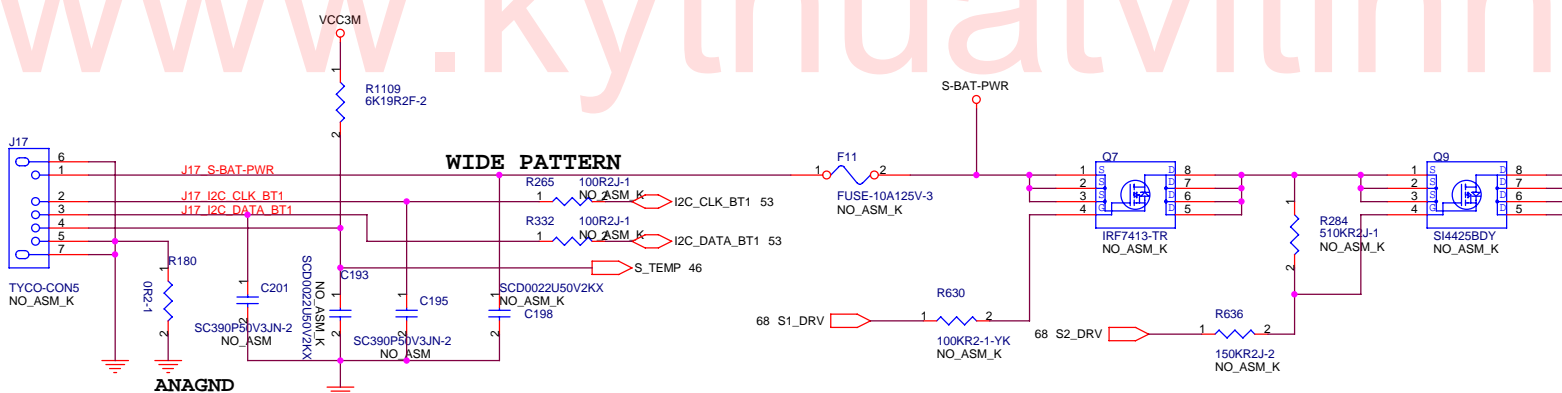
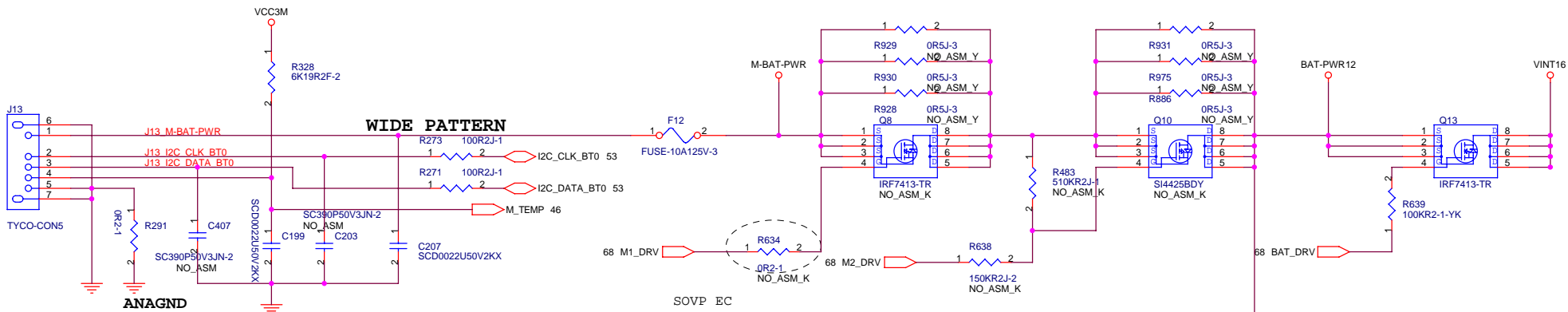
Title		<b>DC-IN &amp; CHARGER MAX8724</b>	
Size	A3	Document Number	<b>Y Note-6</b>
Date:	Wednesday, March 09, 2005	Sheet	57 of 71



	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

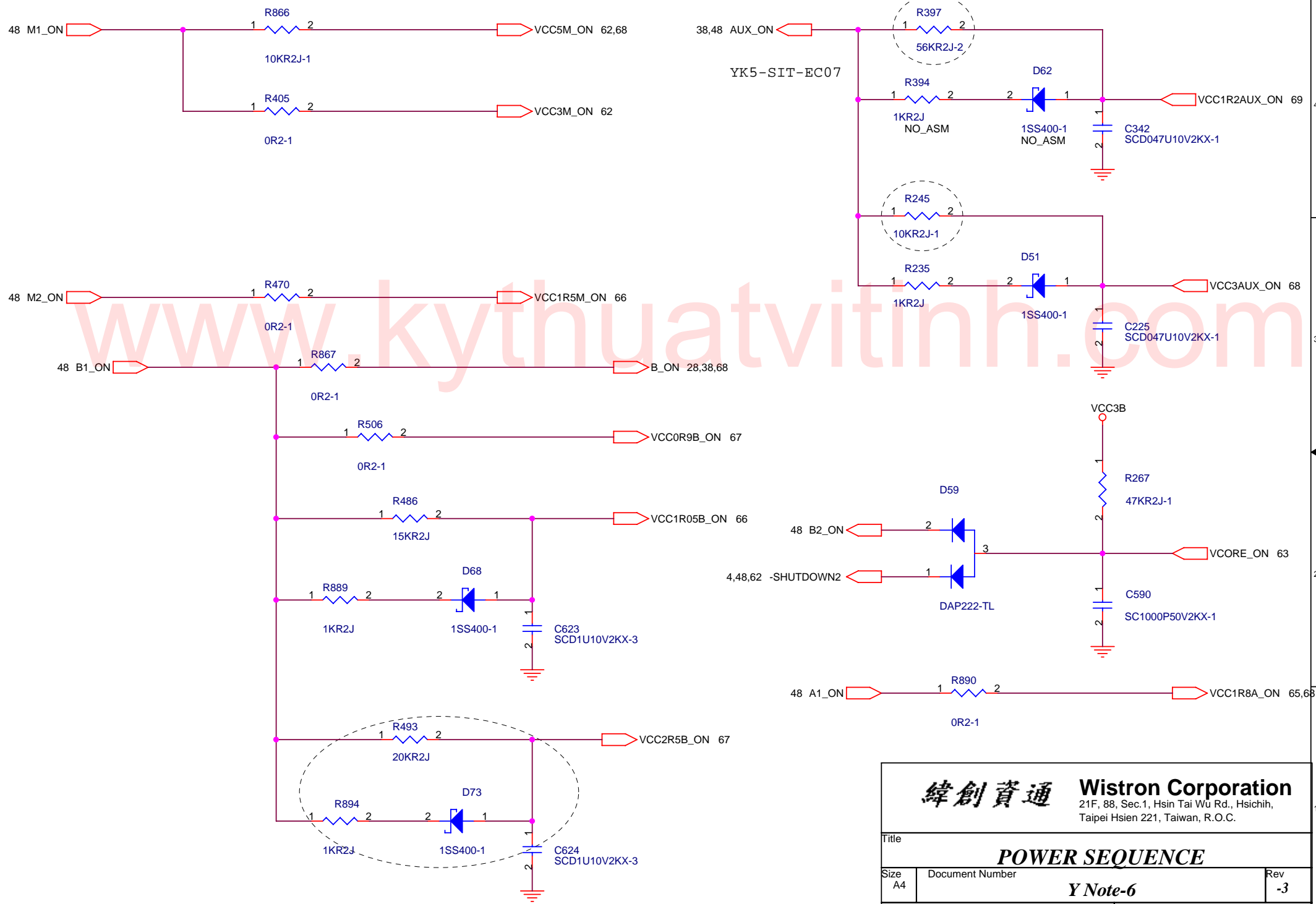
**緯創資通 Wistron Corporation**  
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Taipai Hsien 221, Taiwan, R.O.C.

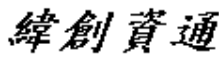
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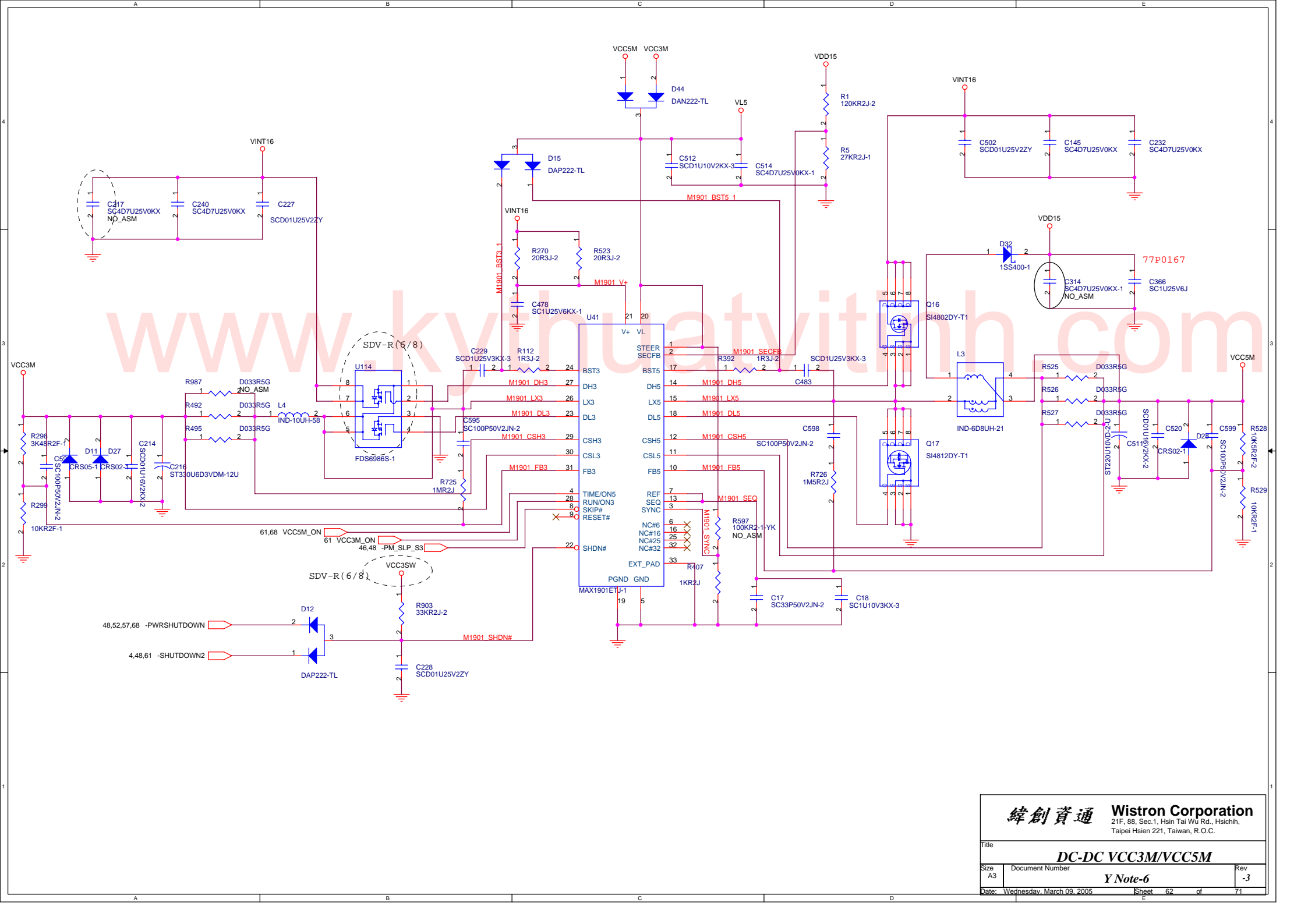
Size: A3	Document Number: <b>Y Note-6</b>	Rev: -3
Date: Wednesday, March 09, 2005		Sheet: 59 of 71

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<b>POWER SEQUENCE</b>		
Size A4	Document Number <b>Y Note-6</b>	Rev <b>-3</b>
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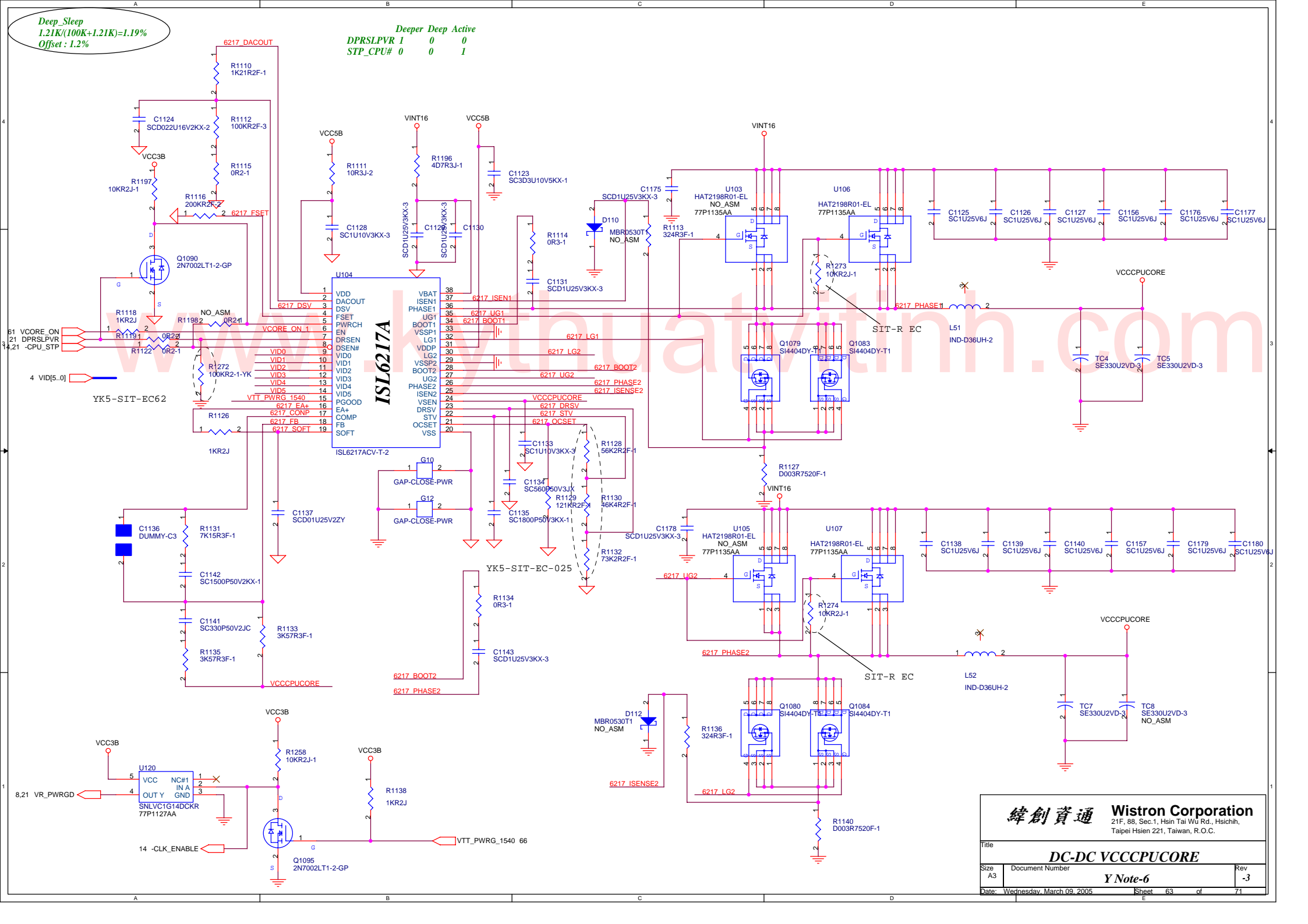


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Title		
<b>DC-DC VCC3M/VCC5M</b>		
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Deep\_Sleep  
 $1.21K/(100K+1.21K)=1.19\%$   
 Offset : 1.2%

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



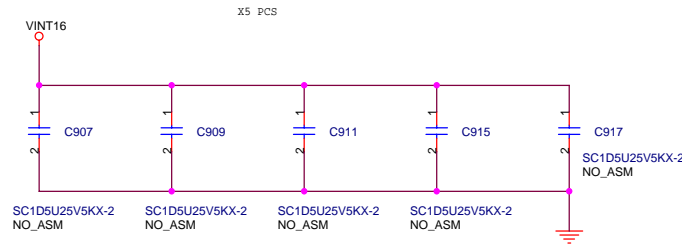
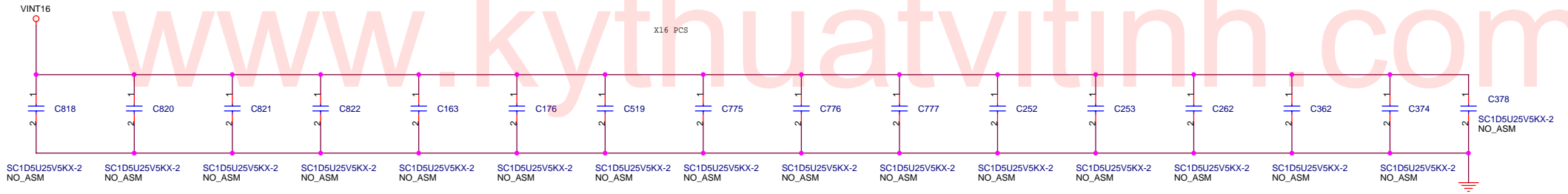
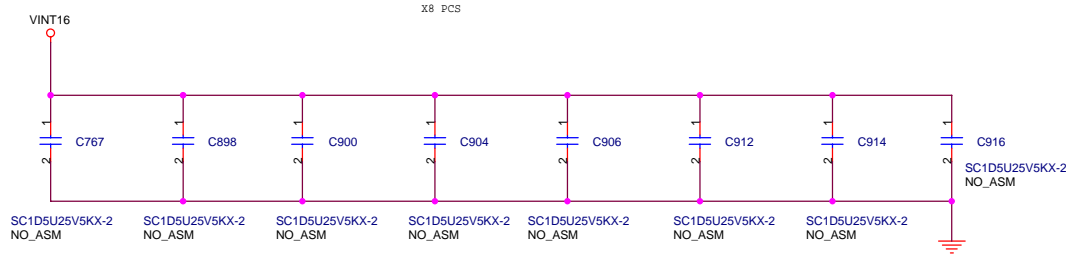
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 Taipei Hsien 221, Taiwan, R.O.C.

Title: **DC-DC VCCPCUCORE**

Size: A3	Document Number: <b>Y Note-6</b>	Rev: -3
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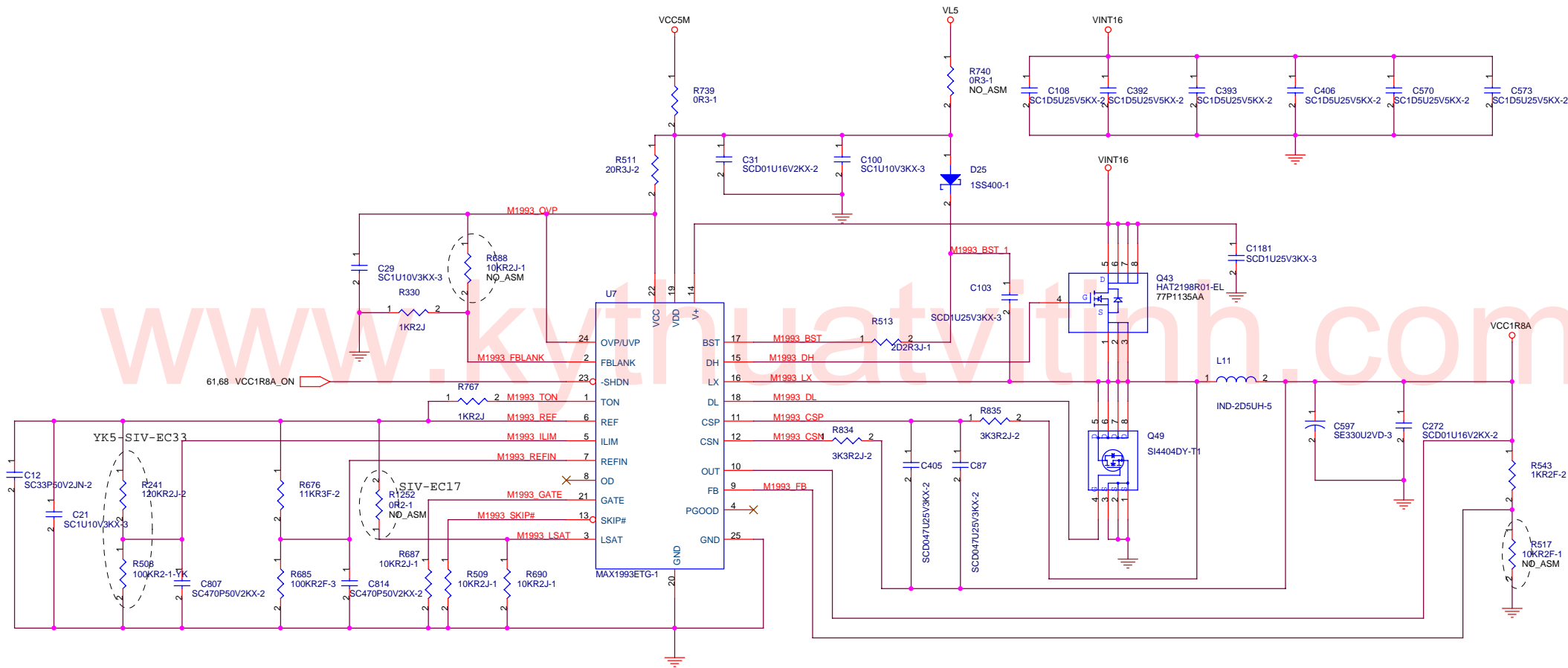
ALL CAPS ON THIS PAGE ARE NO-ASM FOR VCCCPUCORE.



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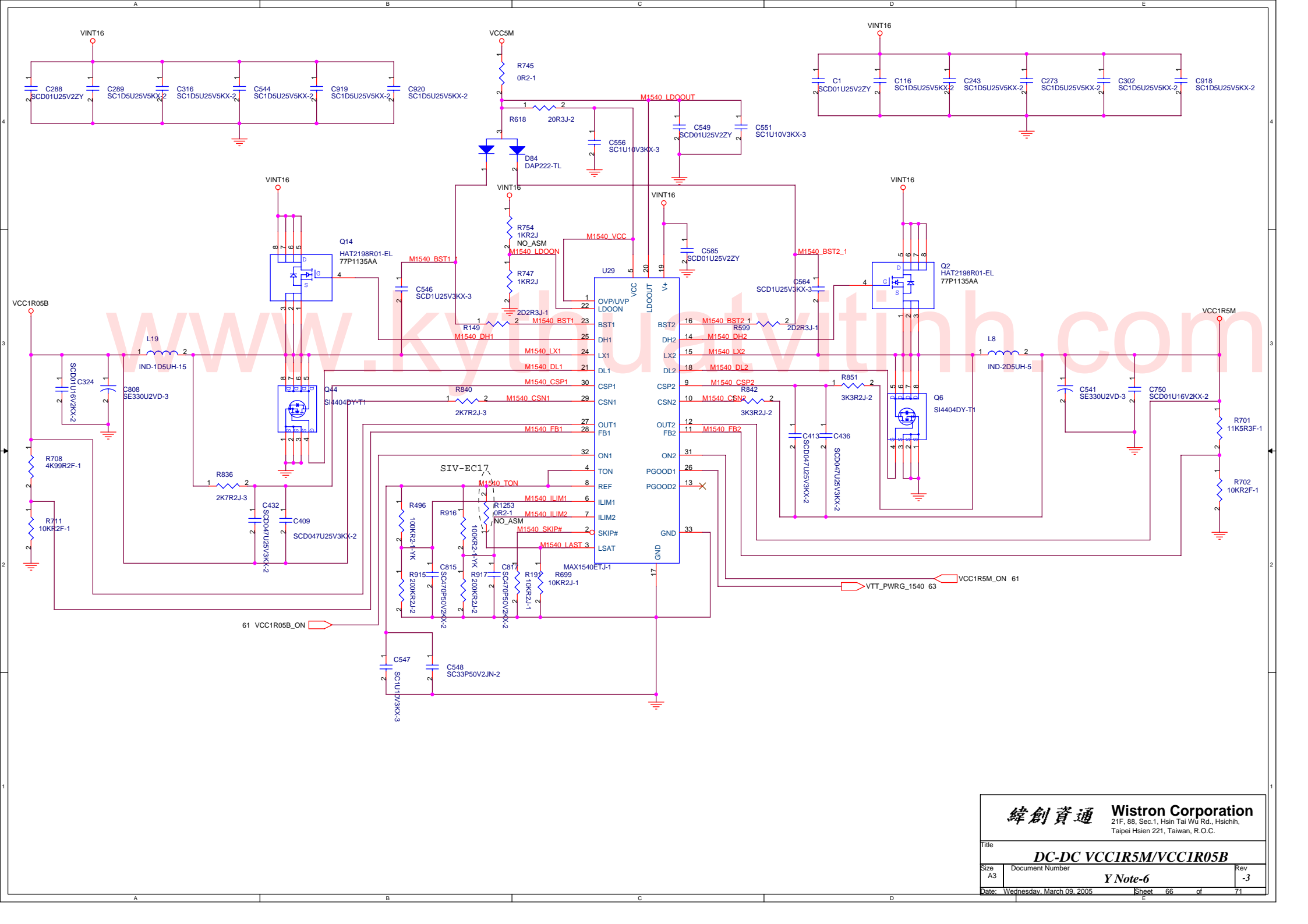
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Size		Document Number		Rev	
A3			Y Note-6		-3
Date: Wednesday, March 09, 2005			Sheet 64 of 71		



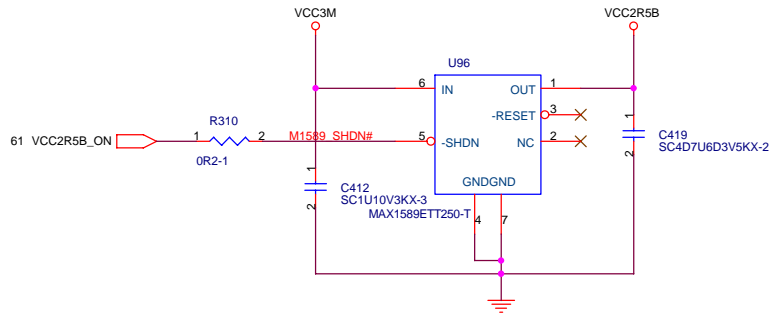


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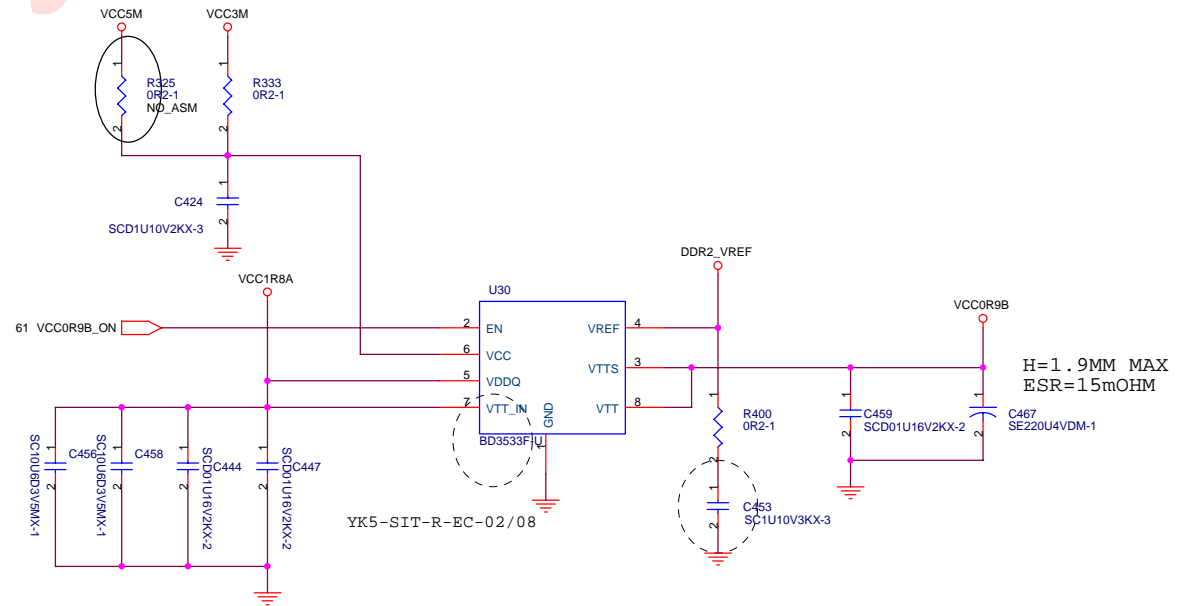
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Date: Wednesday, March 09, 2005		Sheet	65 of 71



	Y-NOTE	K-NOTE
R325	NO_ASM	NO_ASM

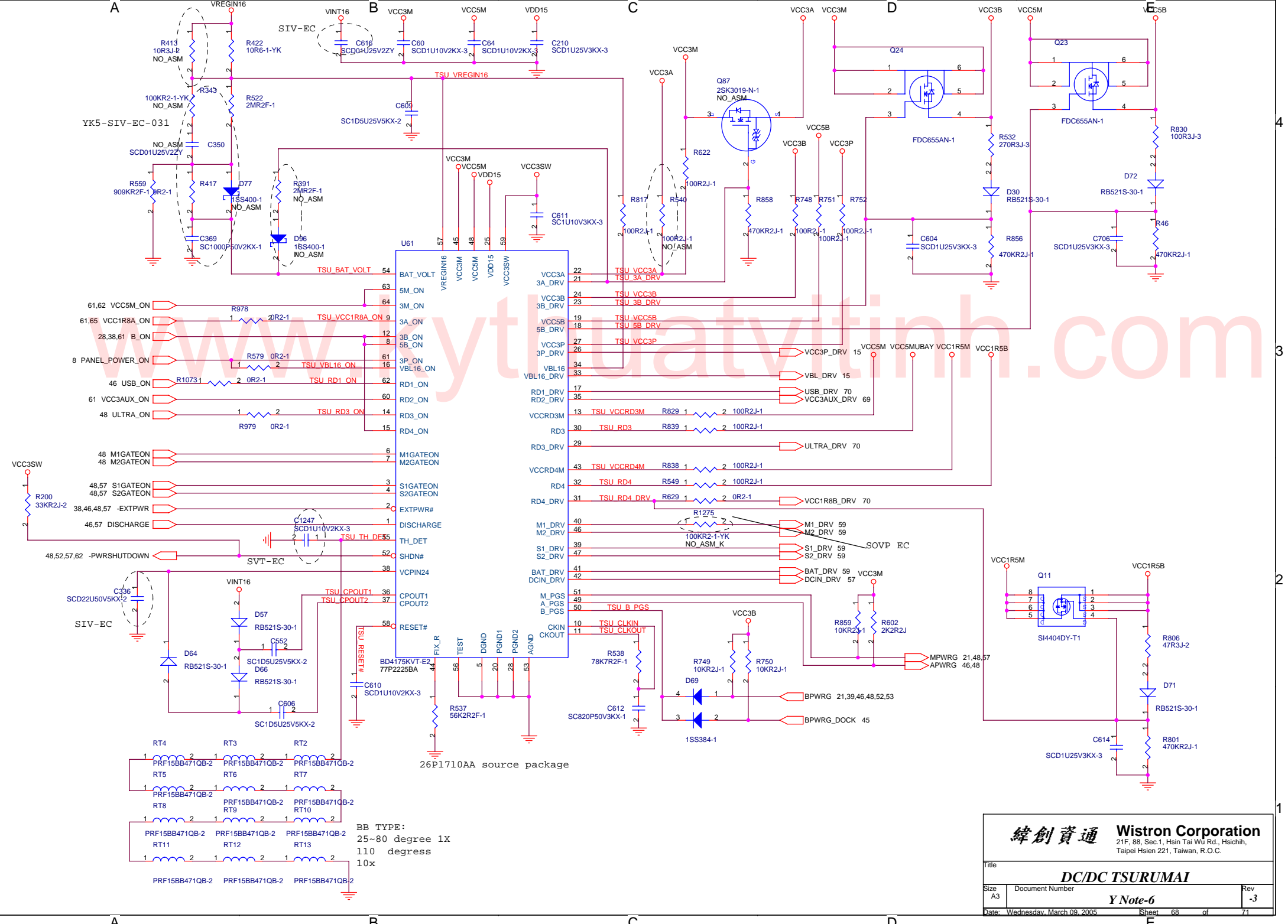


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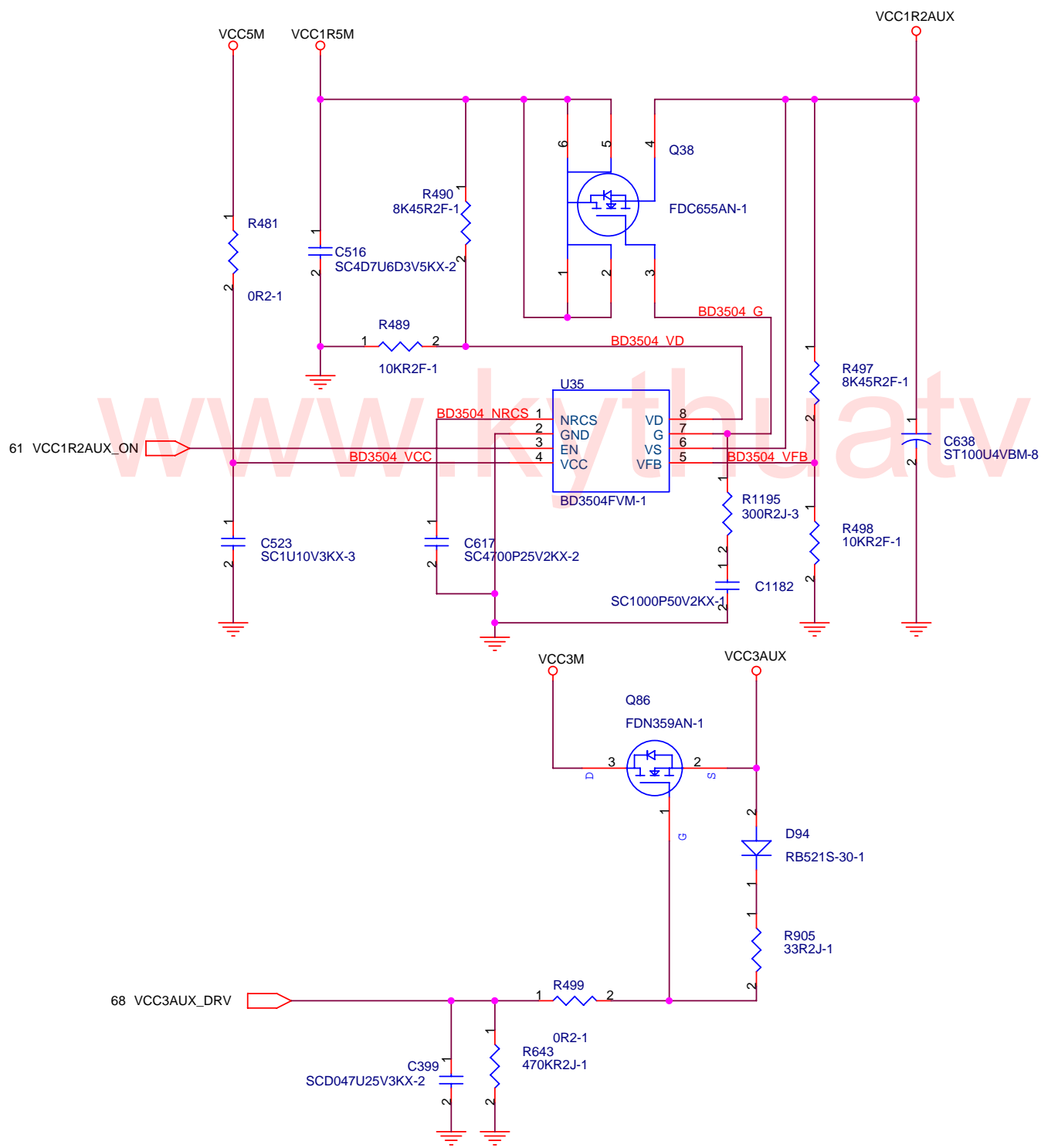
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Size			Document Number		
A3	Y Note-6				Rev
				-3	
Date: Wednesday, March 09, 2005			Sheet 67 of 71		



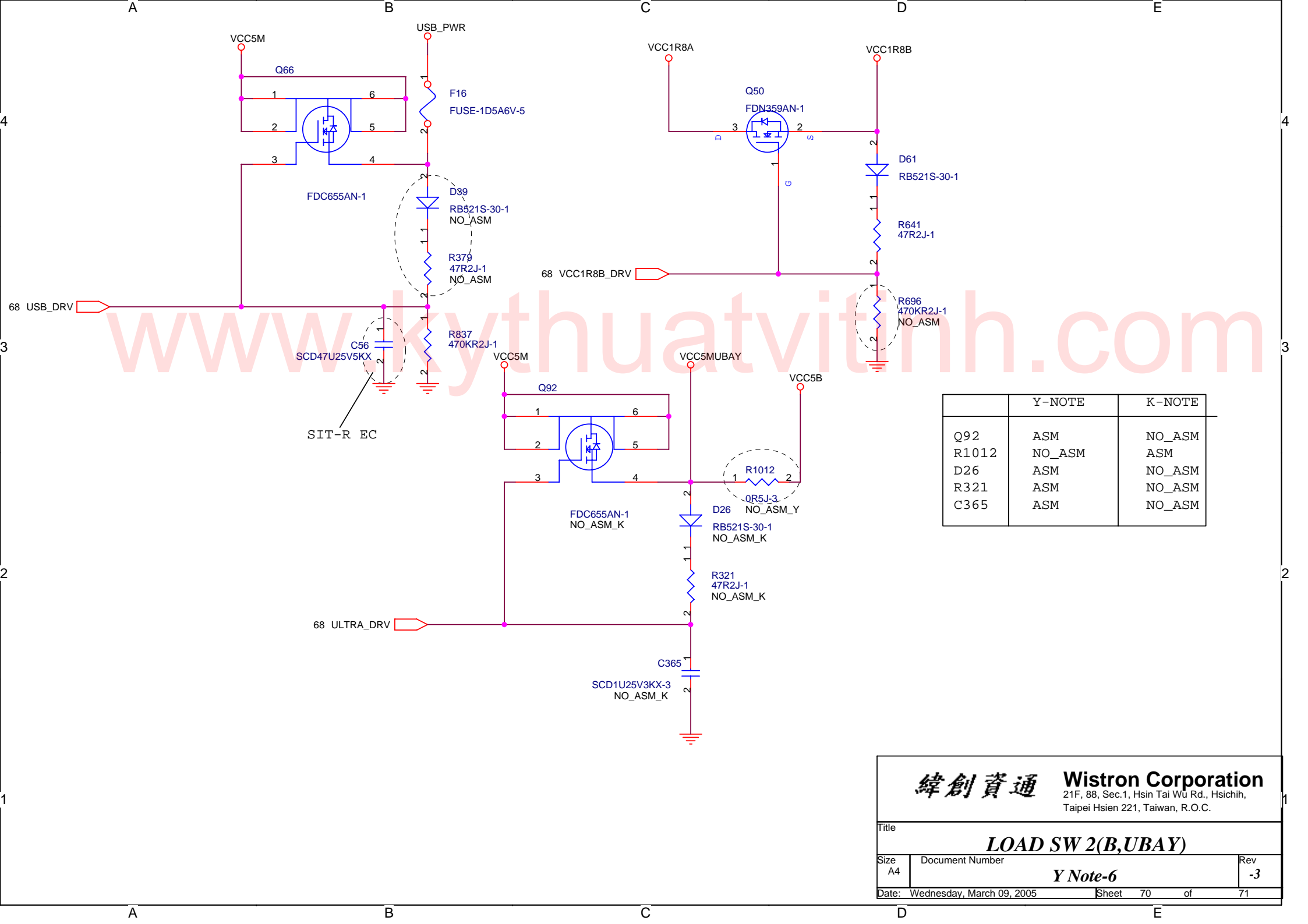
BB TYPE:  
25~80 degree 1X  
110 degress  
10x

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<b>DC/DC TSURUMAI</b>		
Size A3	Document Number <b>Y Note-6</b>	Rev -3
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Title		
<b>LOAD SW 1(AUX)</b>		
Size A4	Document Number	Rev -3
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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

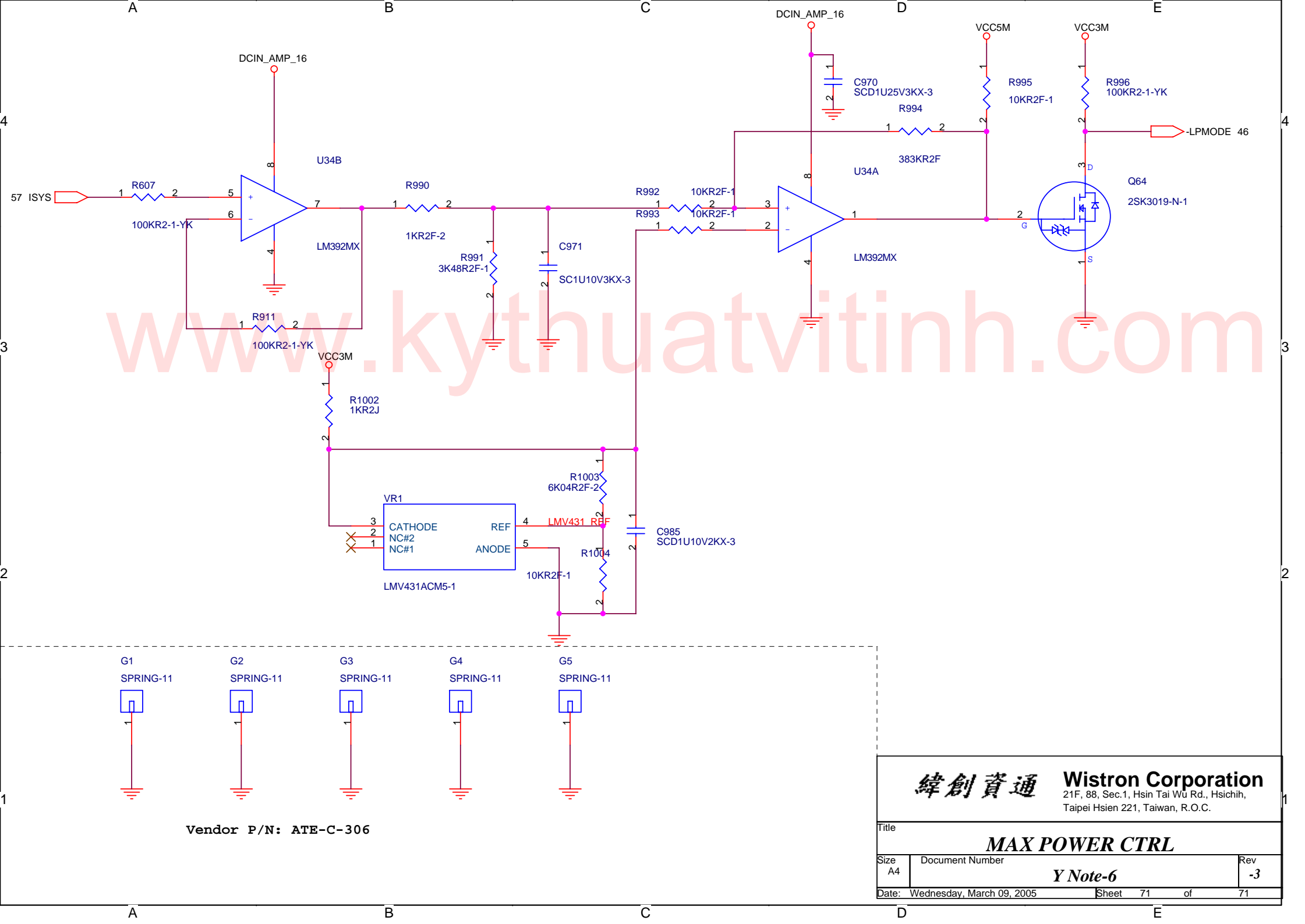
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Title

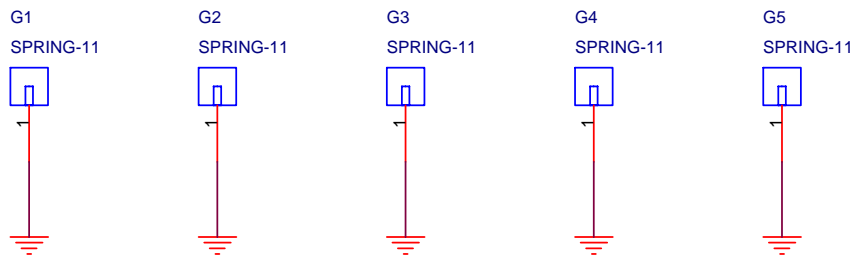
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Size A4	Document Number <b>Y Note-6</b>	Rev <b>-3</b>
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Title			
<b>MAX POWER CTRL</b>			
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