

VGN-TX36C/TX36GP/TX36SP/TX37CP/TX37GP/TX37LP/ TX37SP/TX37TP/TX38CP/TX3HP/TX3XP/TX3XRP/TX52B/ TX72B/TX72PZ/TX850FP/TX850P/TX92PS/TX92S

SERVICE MANUAL BOARD REPAIR

Ver 2-2006G

Revision History



Area	Model	Lineup		
Japanese	Japanese	VGN-TX52B/B VGN-TX72B/B VGN-TX72PZ VGN-TX92PS* VGN-TX92S*		
American	US/Canadian Latin	VGN-TX850P/B VGN-TX850FP VGN-TX3HP/W	△ [MA] △ [MA] △ [MA]	
European	AEP/UK	VGN-TX3XP/B VGN-TX3XP/L VGN-TX3XRP/B	△ [MA] △ [MA] △ [MA]	
Asian/ Oceania/ South Africa	International	VGN-TX36GP/W VGN-TX37GP/B VGN-TX37GP/T VGN-TX37GP/W	△ [MA] △ [MA] △ [MA] △ [MA]	
	Korean	VGN-TX37LP/B	△ [MA]	
	Chinese	VGN-TX36C/B VGN-TX36C/T VGN-TX36C/W VGN-TX37CP/B VGN-TX37CP/L VGN-TX38CP/L	△ [MA] △ [MA] △ [MA] △ [MA] △ [MA] △ [MA]	
		Taiwan	VGN-TX37TP/B	△ [MA]
		Thai	VGN-TX36SP/W VGN-TX37SP/B	△ [MA] △ [MA]

*: CTO model

● Design and specifications are subject to change without notice.

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PERSONAL COMPUTER

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Caution Markings for Lithium/Ion Battery - The following or similar texts shall be provided on battery pack of equipment or in both the operating and the service instructions.

CAUTION: Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type recommended by the manufacturer. Discard used batteries according to the manufacturer's instructions.

CAUTION: The battery pack used in this device may present a fire or chemical burn hazard if mistreated. Do not disassemble, heat above 100°C (212°F) or incinerate.

Dispose of used battery promptly.
Keep away from children.

CAUTION: Changing the back up battery.

- Overcharging, short circuiting, reverse charging, mutilation or incineration of the cells must be avoided to prevent one or more of the following occurrence; release of toxic materials, release of hydrogen and/or oxygen gas, rise in surface temperature.
- If a cell has leaked or vented, it should be replaced immediately while avoiding to touch it without any protection.



Service and Inspection Precautions

1. Obey precautionary markings and instructions

Labels and stamps on the cabinet, chassis, and components identify areas requiring special precautions. Be sure to observe these precautions, as well as all precautions listed in the operating manual and other associated documents.

2. Use designated parts only

The set's components possess important safety characteristics, such as noncombustibility and the ability to tolerate large voltages. Be sure that replacement parts possess the same safety characteristics as the originals. Also remember that the \triangle mark, which appears in circuit diagrams and parts lists, denotes components that have particularly important safety functions; be extra sure to use only the designated components.

3. Always follow the original design when mounting parts and routing wires

The original layout includes various safety features, such as inclusion of insulating materials (tubes and tape) and the mounting of parts above the printer board. In addition, internal wiring has been routed and clamped so as to keep it away from hot or high-voltage parts. When mounting parts or routing wires, therefore, be sure to duplicate the original layout.

4. Inspect after completing service

After servicing, inspect to make sure that all screws, components, and wiring have been returned to their original condition. Also check the area around the repair location to ensure that repair work has caused no damage, and confirm safety.

5. When replacing chip components...

Never reuse components. Also remember that the negative side of tantalum capacitors is easily damaged by heat.

6. When handling flexible print boards...

- The temperature of the soldering-iron tip should be about 270°C.
- Do not apply the tip more than three times to the same pattern.
- Handle patterns with care; never apply force.

Caution: Remember that hard disk drives are easily damaged by vibration. Always handle with care.

ATTENTION AU COMPOSANT AYANT RAPPORT À LA SÉCURITÉ!

LES COMPOSANTS IDENTIFÉS PAR UNE MARQUE \triangle SUR LES DIAGRAMMES SCHÉMATIQUES ET LA LISTE DES PIÈCES SONT CRITIQUES POUR LA SÉCURITÉ DE FONCTIONNEMENT. NE REMPLACER CES COMPOSANTS QUE PAR DES PIÈCES SONY DONT LES NUMÉROS SONT DONNÉS DANS CE MANUEL OU DANS LES SUPPLÉMENTS PUBLIÉS PAR SONY.

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TX850P/TX92PS/TX92S (J/AM/EU/AO)

安全のために

設置や保守、点検、修理などを行う前に、この「安全のために」と、サービス用のマニュアルをよくお読みください。

サービス技術者へ

警告

ソニー製品は安全に十分に配慮して設計されています。しかし、電気製品はサービス時に間違った扱い方をすると、火災や感電などにより死亡や大けがなど人身事故につながることもあり、危険です。この「安全のために」は事故を防ぐために重要な注意事項を示しています。この「安全のために」及び別冊のオペレーションマニュアルの「△ 危険 △ 警告 △ 注意」をよくお読みの上、安全に設置や保守、点検、修理などを行ってください。この「安全のために」は、製品全般の注意事項が記されておりますので、この機器をサービスする時には当てはまらない内容も含まれております。

警告表示の意味

このサービス用のマニュアルおよび製品では、次のような表示をしています。表示の内容をよく理解してから本文をお読みください。

危険

この表示の注意事項を守らないと、火災・感電・破裂などにより死亡や大けがなどの人身事故が生じます。

警告

この表示の注意事項を守らないと、火災や感電などにより死亡や大けがなど人身事故につながることがあります。

注意を促す記号



注意



火災



感電

行為を禁止する記号



禁止

行為を指示する記号



プラグをコンセントから抜く



強制

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TX850P/TX92PS/TX92S (J/AM/EU/AO)

電池についての安全上のご注意

漏液、発熱、発火、破裂などを避けるため、下記の注意事項を必ずお守りください。

⚠ 危険

- 電池は、正しく交換しないと爆発する危険があります。電池を交換する場合には必ずマニュアルで指定している電池を使用してください。
- 火の中に入れてください。ショートさせたり、分解、加熱しないでください。発熱、発火、破裂の恐れがあります。
- 使用済電池は、端子(金属部分)にテープを貼るなどの処理をし、指定の方法で廃棄してください。

バックアップバッテリー交換時のご注意

- 過充電、ショート、逆極性による充電、分解、加熱、火に入れるなどすると、有毒物質の発生、水素ガス、酸素ガスの発生、表面温度の上昇の原因となります。
- 万一バッテリーから漏液があったり、バッテリーに穴があった場合には、液漏れに素手で触らないよう留意の上、直ちに交換してください。

⚠ 警告



火災



感電

下記の注意を守らないと、
火災や感電による死亡や大けがにつながる可能性があります。



プラグをコンセントから抜く

1. 感電にご注意を

- 部品交換の場合は感電の危険があるので電源プラグを抜いてください。
- 内部には高電圧の部分があり、通電時においては感電の危険がありますので充分ご注意ください。



強制

2. 指定部品を使用する

回路図、部品表に△印で指定されている部品は安全重要部品ですので指定のものをご使用ください。



強制

3. 部品の取付けや配線の引き回しは元通りにする

- チューブやテープなどの絶縁材料を使用した部品、及びプリント基板から浮かして取付けた部品を元通りにする。
- 引き回しやクランプで発熱部品、高圧部品及び可動部分に接近しないように処理したハーネスの引き回しを元通りにする。



強制

4. レーザー光を直視しない

レーザー光放射による被爆を受けると、目に損傷を与える危険があります。光学ブロックの調整やシールドケースを外すときは、以下の注意を厳守してください。

- 対レーザー光線保護眼鏡を正しく着用する。
- マニュアルにしたがって作業する。
- シールドケースを外したまま、機器を放置しない。
- 整備作業終了後、ただちにシールドケースを正しく取り付ける。



強制

5. サービス後は安全点検を

サービスのために取り外したネジ、部品、配線がもとどおりになっているか確認してください。またサービスした箇所の周辺の部品及び線材の損傷してしまったところがないかなどを点検してください。

- 感電・漏電を防ぐために金属部と電源プラグの絶縁チェックを行ってください。

(絶縁チェックの方法)

電源コンセントから電源プラグを抜き、電源スイッチをいれます。500 V絶縁抵抗計を用いて電源プラグのそれぞれの端子と外部露出金属部との間で、絶縁抵抗値が1M Ω以上であること。この値以下の時はセットの点検修理が必要です。

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TX850P/TX92PS/TX92S (J/AM/EU/AO)

TABLE OF CONTENTS

<u>Section</u>	<u>Title</u>	<u>Page</u>
CHAPTER 1. POWER UP SEQUENCE/ BLOCK DIAGRAM		
1-1.	Power Up Sequence	1-1
1-2.	Block Diagram	1-5
		(to 1-5)
CHAPTER 2. DIAGRAMS		
	Schematic Diagrams and Printed Wired Boards Index	2-1
1.	MBX-153 Board	2-2
		(to 2-67)

Note: The parts location index which precedes every schematic diagram, serves as the electrical part list too.

History of the changes is shown as the "Revision History" at the end of this data.

変更履歴は、“Revision History”として本データ末に記載してあります。

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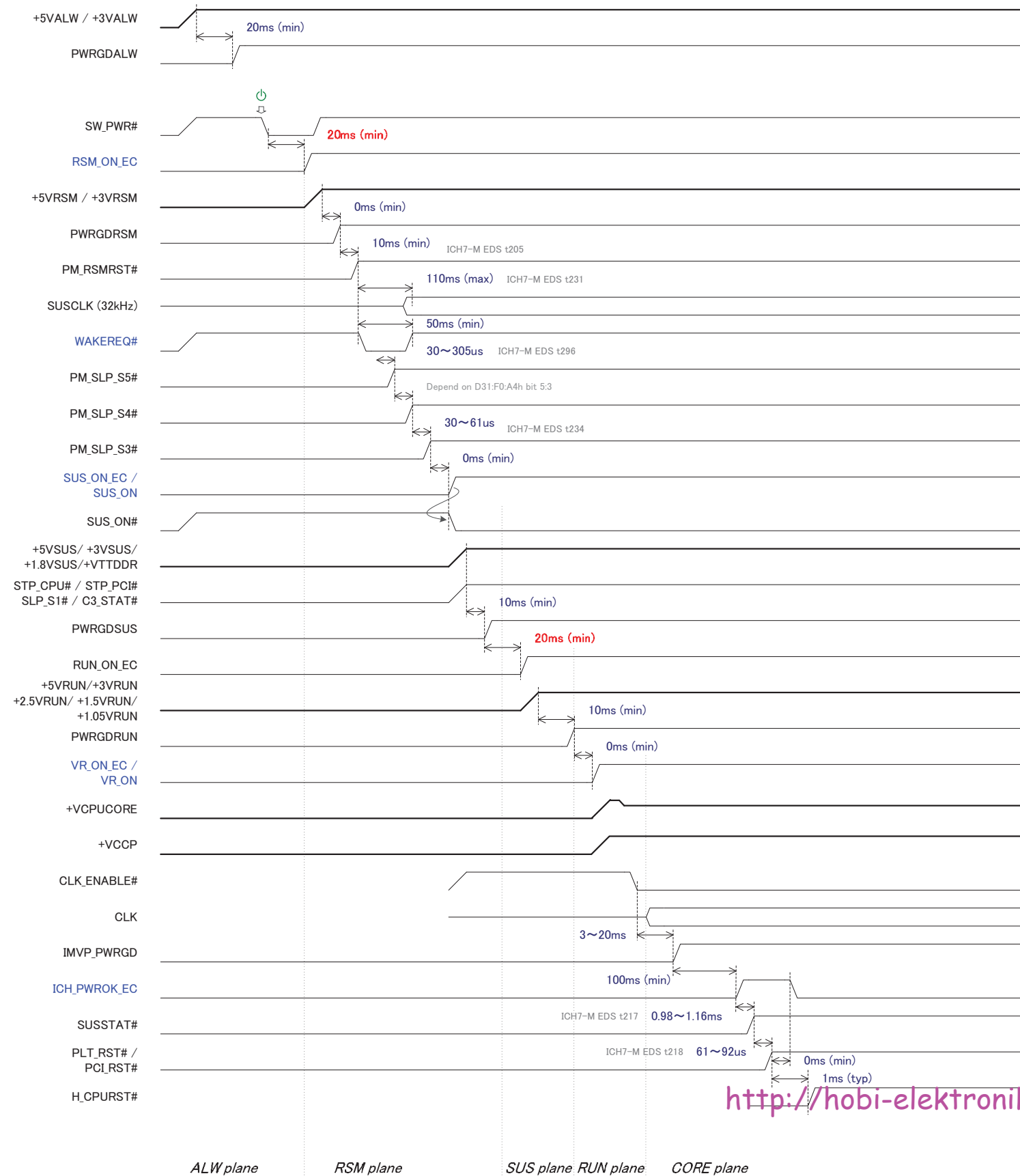
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TX38CP/TX3HP/TX3XP/TX3XRP/TX52B/TX72B/TX72PZ/TX850FP/
TX850P/TX92PS/TX92S (J/AM/EU/AO)

CHAPTER 1. POWER UP SEQUENCE/BLOCK DIAGRAM

1-1. Power Up Sequence

G3 to S0 Timings <AC_STS=LO>

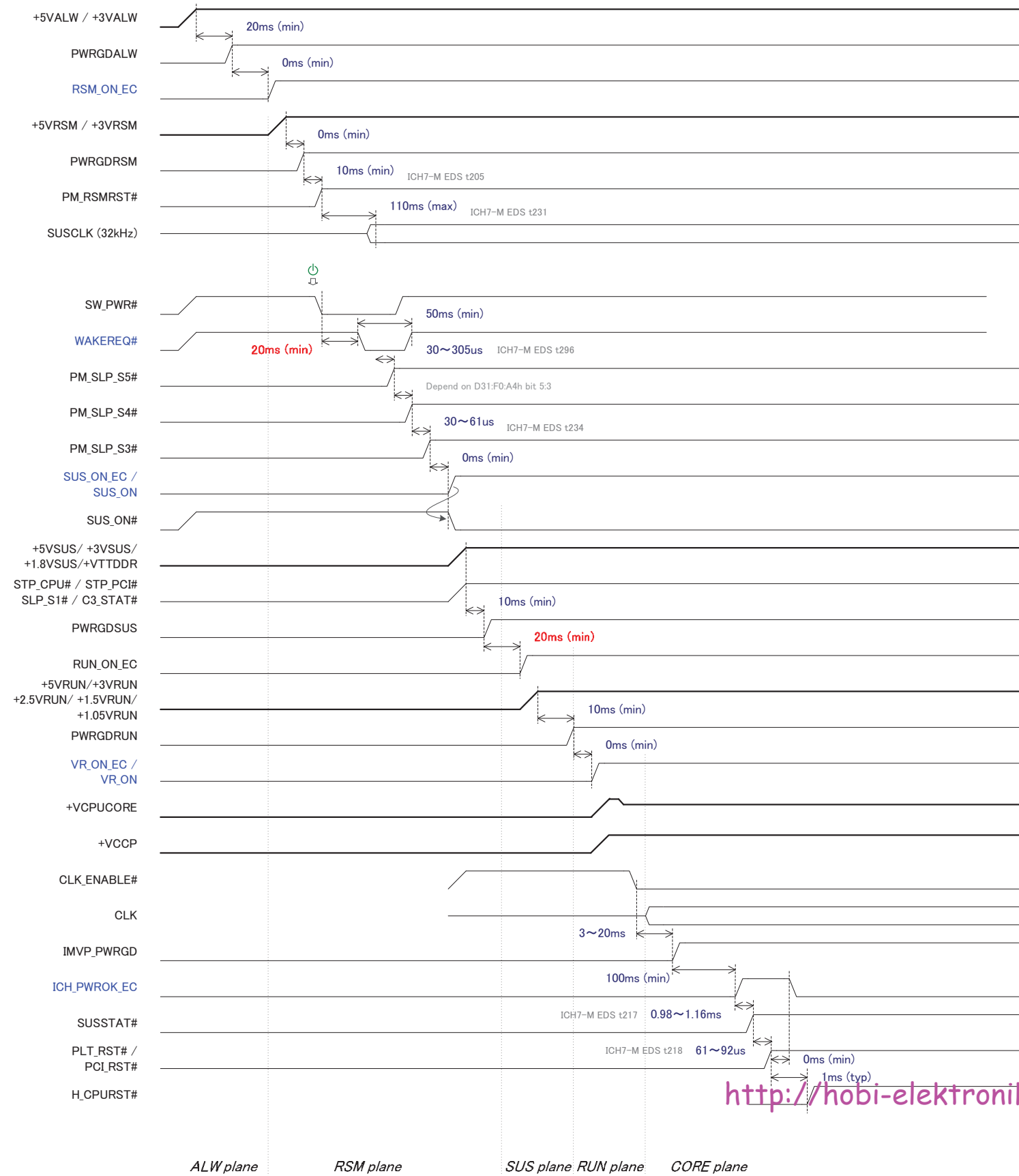


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TX850P/TX92PS/TX92S (J/AM/EU/AO)

G3 to S0 Timings <AC_STS=HI>

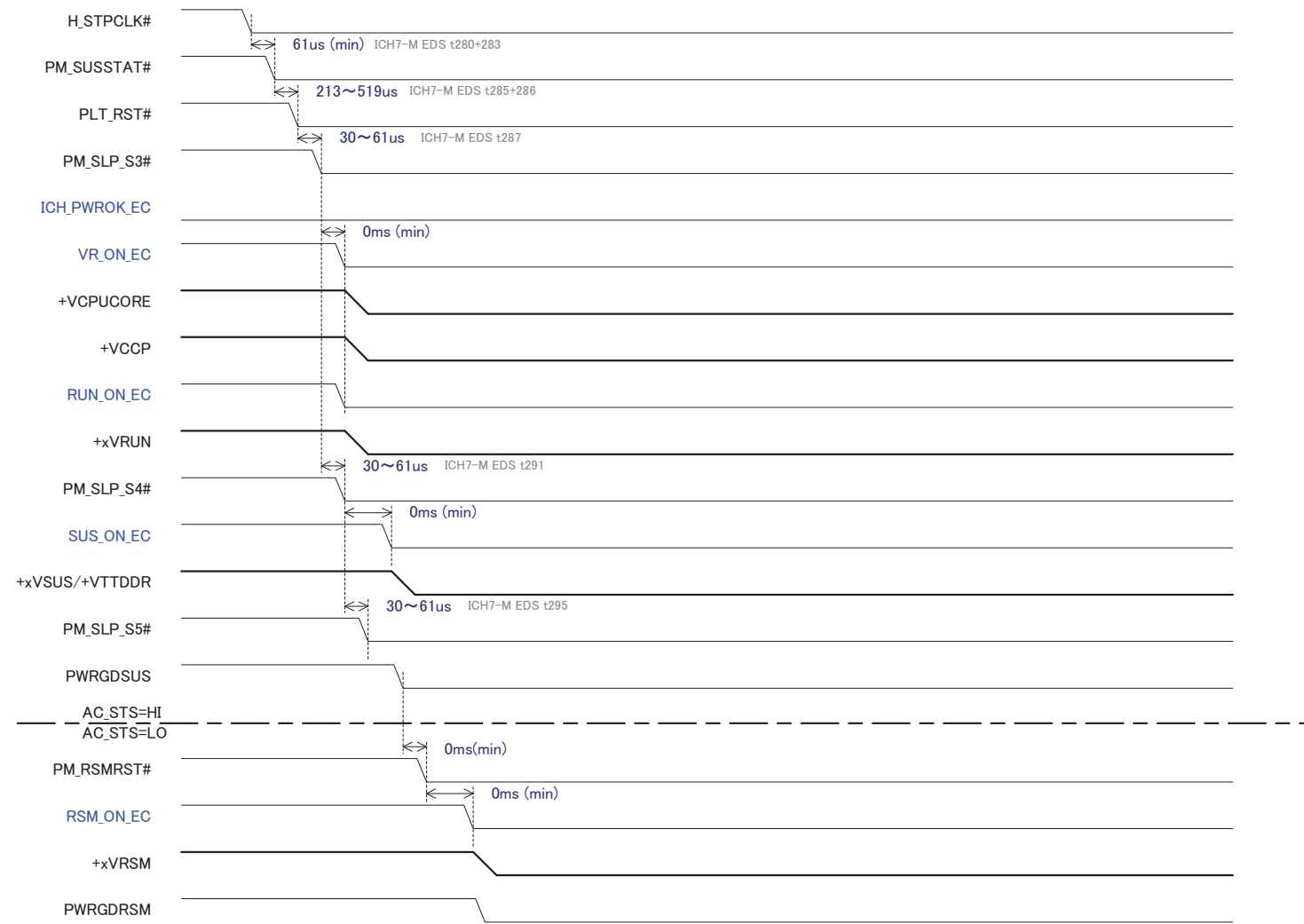


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TX38CP/TX3HP/TX3XP/TX3XRP/TX52B/TX72B/TX72PZ/TX850FP/
TX850P/TX92PS/TX92S (J/AM/EU/AO)

S0 to S4, S5 Timings



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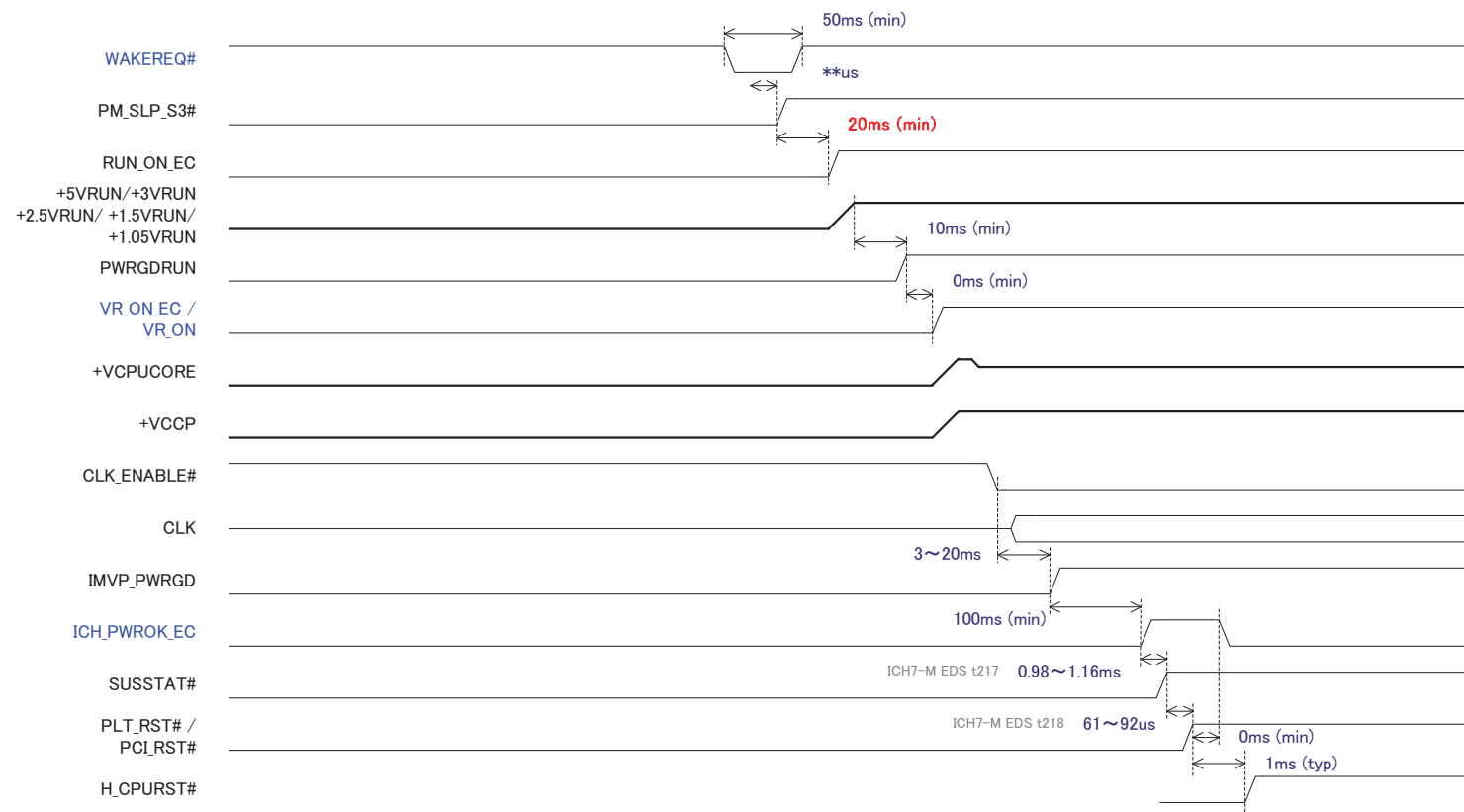
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TX38CP/TX3HP/TX3XP/TX3XRP/TX52B/TX72B/TX72PZ/TX850FP/
TX850P/TX92PS/TX92S (J/AM/EU/AO)

S0 to S3 Timings



S3 to S0 Timings

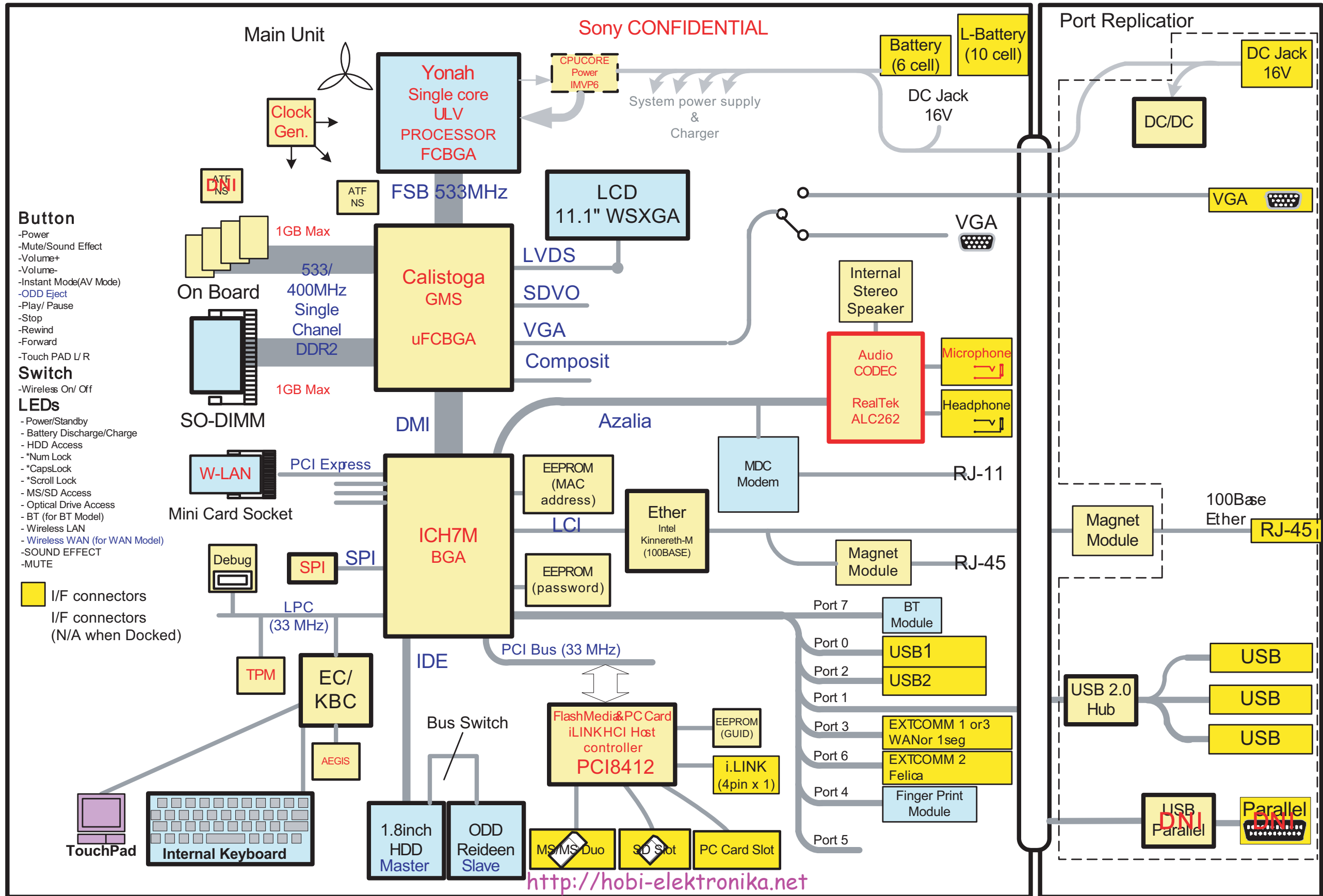


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1-2. Block Diagram



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CHAPTER 2. DIAGRAMS

Schematic Diagrams and Printed Wired Boards Index

TYPE	PAGE
1. MBX-153 Board	
Parts Location Index	2-2
INDEX	2-13
BLOCK DIAGRAM	2-14
POWER SUPPLY DIAGRAM	2-15
CPU (1/2)	2-16
CPU (2/2)	2-17
CLOCK GENERATOR	2-18
GMCH (1/5)	2-19
GMCH (2/5)	2-20
GMCH (3/5)	2-21
GMCH (4/5)	2-22
GMCH (5/5)	2-23
DDR2 MEMORY (1/2)	2-24
DDR2 MEMORY (2/2)	2-25
ICH-7-M (1/3)	2-26
ICH-7-M (2/3)	2-27
ICH-7-M (3/3)	2-28
I. LINK & MS/SD & PCCARD (1/3)	2-29
I. LINK & MS/SD & PCCARD (2/3)	2-30
I. LINK & MS/SD & PCCARD (3/3)	2-31
EC (H8)	2-32
LCD BACKLIGHT CTRL	2-33
IDE (HDD & OPT DRIVE)	2-34
SUBBOARD CN1	2-35
SUBBOARD CN2	2-36
MINI CARD & WWAN	2-37
DOCK CN	2-38
AUDIO & TP IF CN & LCD CN	2-39
+VCPUCORE	2-40
+VCCP/+1.05VRUN/+1.5VRUN	2-41
+1.8VSUS/+VTTDDR/2.5VRUN	2-42
+3VALW/+5VALW	2-43
LOAD SW	2-44
TIMING SEQUENCER	2-45
+VPWRSRC	2-46
BATTERY CHARGER	2-47
+VDC_IN	2-48
UL CIRCUIT	2-49
DEBUG/POWER CHECK/ITP	2-50
VARIANCE	2-51
Signal Cross Reference	2-52
Part Cross Reference	2-58
Printed Wired Board	2-66

Note: The parts location index which precedes every schematic diagram, serves as the electrical part list too.

Abbreviation of Electronic Reference

Reference	Description	
	English	Japanese
ANT	Antenna	アンテナ
C	Polarized capacitor, Non-polarized capacitor	有極性・無極性コンデンサ・キャパシタ
CN	Connector, Jack, IC socket, Holder	コネクタ・ジャック・ICソケット・ホルダー
D	Diode, Rectifier element, Light-emitting diode (LED)	ダイオード・整流素子・発光ダイオード(LED)
F	Fuse	ヒューズ
FL	Filter, Delay line	フィルタ・ディレーライン
FB	FB (ferrite bead)	(フェライトビーズ)
IC	Integrated circuit	集積回路
J	Jack	ジャック
JR	Jumper, Leads, 0-ohm resistor	ジャンパーリード 0Ω抵抗
L	Inductor, Coil	インダクタ・コイル
Q	Transistor, FET	トランジスタ・FET
R	Resistor, Fuse resistor, Jumper resistor	抵抗・ヒューズ抵抗・ジャンパー抵抗
RB	Resistor block, Network resistor	抵抗ブロック・ネットワーク抵抗
RV	Semi-fixed resistor, Variable resistor	半固定・可変抵抗
RY	Relay, Electromagnetic relay	リレー・電磁リレー
S	Switch	スイッチ
T	Transformer	トランス
TH	Thermistor, Poly-switch	サーミスタ・ポリスイッチ
TP	Test point	テストポイント
X	Crystal oscillator, Oscillator	水晶発振子・発振器


Reference Parts Location Index

Ref. No.	A/B	X-coordinate Value	Y-coordinate Value	Schematic Diagram Address	Value	Rating	Tol.	Part No.
CN4001	B	7.5000	8.6000	2D6	-	-	-	177062721
D4001	A	24.3000	3.6000	2D5	-	-	-	871905307
D4002	A	25.7000	3.6000	2D4	-	-	-	871906093
D4003	A	37.0000	3.6000	2D4	-	-	-	871906092
D4004	A	49.0000	3.6000	2D3	-	-	-	871906092
D4005	A	61.0000	3.6000	2D3	-	-	-	871906092
FB4001	B	15.2000	2.8000	2D6	1000	0.6A	-	141455521
FB4002	B	15.2000	4.6000	2D6	1000	0.6A	-	141455521
FB4003	B	15.2000	1.5000	2C6	1000	0.6A	-	141455521

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TX38CP/TX38HP/TX38XP/TX38RP/TX52B/TX72B/TX72PZ/TX850FP/
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*NOTE : 

Location

Schematic Diagram Sheet Number

DNI=Do Not Install

ALT=Alternative

VAR=Variable

NS=Not Supplied

1. MBX-153 Board

Parts Location Index

Ref.No.	A/B	X-coordinate Value	Y-coordinate Value	Schamatics Diagram Address	Value	Rating	Tol.	Part No.	Description	Notes
C50	A	41.7500	32.8500	6E5	2200pF	6.3V	10%	112862811	CAP, CERAMIC 2200PF B (0603)	DNI
C52	A	40.5000	32.8500	6F5	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C60	A	42.0000	8.8000	6B4	10uF	6.3V	20%	111253411	CAP, CHIP CERAMIC 10MF B(1608)	-
C100	A	21.4000	70.1500	7E3	10uF	6.3V	20%	111253411	CAP, CHIP CERAMIC 10MF B(1608)	-
C101	B	13.6000	49.4500	7E3	10uF	6.3V	20%	111253411	CAP, CHIP CERAMIC 10MF B(1608)	-
C102	B	13.6000	48.1500	7E2	10uF	6.3V	20%	111253411	CAP, CHIP CERAMIC 10MF B(1608)	-
C103	B	13.6000	46.2500	7E2	10uF	6.3V	20%	111253411	CAP, CHIP CERAMIC 10MF B(1608)	-
C104	B	13.6000	44.9500	7E2	10uF	6.3V	20%	111253411	CAP, CHIP CERAMIC 10MF B(1608)	-
C105	B	13.6000	43.0500	7E2	10uF	6.3V	20%	111253411	CAP, CHIP CERAMIC 10MF B(1608)	-
C106	B	13.6000	41.7500	7E2	10uF	6.3V	20%	111253411	CAP, CHIP CERAMIC 10MF B(1608)	-
C107	A	20.1000	70.1500	7E1	10uF	6.3V	20%	111253411	CAP, CHIP CERAMIC 10MF B(1608)	-
C108	B	13.6000	52.5000	7E1	10uF	6.3V	20%	111253411	CAP, CHIP CERAMIC 10MF B(1608)	-
C109	B	14.0000	39.7500	7E1	10uF	6.3V	20%	111253411	CAP, CHIP CERAMIC 10MF B(1608)	-
C110	B	28.6000	39.7500	7D3	10uF	6.3V	20%	111253411	CAP, CHIP CERAMIC 10MF B(1608)	-
C111	A	18.8000	70.1500	7D3	10uF	6.3V	20%	111253411	CAP, CHIP CERAMIC 10MF B(1608)	-
C112	B	29.0000	49.4500	7D2	10uF	6.3V	20%	111253411	CAP, CHIP CERAMIC 10MF B(1608)	-
C113	B	29.0000	48.1500	7D2	10uF	6.3V	20%	111253411	CAP, CHIP CERAMIC 10MF B(1608)	-
C114	A	17.5000	66.7500	7D2	10uF	6.3V	20%	111253411	CAP, CHIP CERAMIC 10MF B(1608)	-
C115	A	18.8000	66.7500	7D2	10uF	6.3V	20%	111253411	CAP, CHIP CERAMIC 10MF B(1608)	-
C116	B	29.0000	43.0500	7D2	10uF	6.3V	20%	111253411	CAP, CHIP CERAMIC 10MF B(1608)	-
C117	B	29.0000	41.7500	7D1	10uF	6.3V	20%	111253411	CAP, CHIP CERAMIC 10MF B(1608)	-
C118	A	17.5000	70.1500	7D1	10uF	6.3V	20%	111253411	CAP, CHIP CERAMIC 10MF B(1608)	-
C119	B	29.0000	44.9500	7D1	10uF	6.3V	20%	111253411	CAP, CHIP CERAMIC 10MF B(1608)	-
C130	A	20.1000	66.7500	7E3	10uF	6.3V	20%	111253411	CAP, CHIP CERAMIC 10MF B(1608)	-
C131	A	20.7500	65.0000	7E3	10uF	6.3V	20%	111253411	CAP, CHIP CERAMIC 10MF B(1608)	-
C140	B	29.0000	46.2500	7C3	10uF	6.3V	20%	111253411	CAP, CHIP CERAMIC 10MF B(1608)	-
C141	B	13.1000	51.2500	7C3	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C142	B	28.9000	51.2500	7C2	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C143	B	27.0500	38.9000	7C2	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C144	B	15.8000	38.9000	7C2	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C145	B	25.8500	38.9000	7C2	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C146	B	14.3000	51.2500	7C2	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C160	A	39.7500	25.2000	7C6	10uF	6.3V	20%	111253411	CAP, CHIP CERAMIC 10MF B(1608)	-
C161	A	38.5500	27.0500	7C6	0.01uF	16V	10%	116494311	CAP,CHIP CERAMIC 10000PF B1005	-
C201	B	38.8500	50.4500	8E7	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C202	B	50.4500	46.4500	8E7	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C203	B	41.4000	55.8500	8E7	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C210	B	44.3000	55.8500	8E5	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C220	B	53.9500	54.1500	8E7	22pF	25V	5%	112860811	CAP, CERAMIC 22PF CH (0603)	-
C221	B	50.7500	57.3000	8E7	22pF	25V	5%	112860811	CAP, CERAMIC 22PF CH (0603)	-
C307	B	52.5500	45.5500	9D6	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C321	A	47.1500	56.2000	9B6	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C322	B	54.8500	46.3500	9A6	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C330	B	68.4500	47.1000	9E2	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C331	A	64.9000	72.6500	9E2	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C400	B	56.1500	58.9000	12B5	10uF	6.3V	20%	111253411	CAP, CHIP CERAMIC 10MF B(1608)	-
C401	B	61.1500	55.4000	12B5	10uF	6.3V	20%	111253411	CAP, CHIP CERAMIC 10MF B(1608)	-
C402	B	65.6500	58.9000	12B5	10uF	6.3V	20%	111253411	CAP, CHIP CERAMIC 10MF B(1608)	-
C403	B	62.1500	55.5500	12B5	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C404	B	56.3000	57.9000	12B6	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C405	B	65.5000	57.9000	12B6	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C406	B	59.3000	64.1000	12B6	1000pF	16V	10%	112862711	CAP, CERAMIC 1000PF B (0603)	DNI
C407	B	59.1000	65.8500	12B6	1000pF	16V	10%	112862711	CAP, CERAMIC 1000PF B (0603)	DNI
C410	B	62.6500	45.9500	11D2	10uF	6.3V	20%	111253411	CAP, CHIP CERAMIC 10MF B(1608)	-
C411	B	53.0000	52.6000	11D2	10uF	6.3V	20%	111253411	CAP, CHIP CERAMIC 10MF B(1608)	-
C412	A	46.8500	55.4000	11E2	0.47uF	6.3V	10%	110041511	CAP, CHIP CERAMIC 0.47MF(1005)	-
C413	A	47.5000	50.9500	11D2	0.47uF	6.3V	10%	110041511	CAP, CHIP CERAMIC 0.47MF(1005)	-
C414	B	63.8000	44.5500	11C2	0.47uF	6.3V	10%	110041511	CAP, CHIP CERAMIC 0.47MF(1005)	-
C415	B	54.5000	45.5500	11C2	0.47uF	6.3V	10%	110041511	CAP, CHIP CERAMIC 0.47MF(1005)	-
C420	B	59.8500	75.4000	11E5	10uF	6.3V	20%	111253411	CAP, CHIP CERAMIC 10MF B(1608)	-
C421	B	59.8500	74.1000	11E5	10uF	6.3V	20%	111253411	CAP, CHIP CERAMIC 10MF B(1608)	-

Ref.No.	A/B	X-coordinate Value	Y-coordinate Value	Schamatics Diagram Address	Value	Rating	Tol.	Part No.	Description	Notes
C422	B	60.0000	73.1500	11E4	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C423	B	59.6500	62.2000	11E6	10uF	6.3V	20%	111253411	CAP, CHIP CERAMIC 10MF B(1608)	-
C424	B	59.8000	63.1500	11E6	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C425	A	59.6500	72.1500	11E6	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C430	A	46.5500	71.8000	11E4	10uF	6.3V	20%	111253411	CAP, CHIP CERAMIC 10MF B(1608)	-
C431	A	47.2000	70.8500	11E4	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C432	A	49.8000	72.6500	11D6	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C433	A	48.8500	72.9500	11D5	0.01uF	16V	10%	116494311	CAP,CHIP CERAMIC 10000PF B1005	-
C434	A	46.0000	70.0000	11C4	10uF	6.3V	20%	111253411	CAP, CHIP CERAMIC 10MF B(1608)	-
C435	A	46.9500	69.6000	11C4	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C440	B	57.6500	62.5000	11E4	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C441	A	47.1500	63.4500	11D7	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C442	A	47.2000	59.9000	11D6	0.01uF	16V	10%	116494311	CAP,CHIP CERAMIC 10000PF B1005	-
C450	A	46.5000	66.9000	11D7	10uF	6.3V	20%	111253411	CAP, CHIP CERAMIC 10MF B(1608)	-
C451	A	46.4500	65.9500	11D6	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C452	B	56.9000	70.8000	11C7	10uF	6.3V	20%	111253411	CAP, CHIP CERAMIC 10MF B(1608)	-
C453	B	56.5000	69.8500	11C6	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C454	B	66.6000	47.0500	11C7	10uF	6.3V	20%	111253411	CAP, CHIP CERAMIC 10MF B(1608)	-
C455	B	66.9000	46.1000	11C6	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C456	B	66.0500	44.4000	11C7	10uF	6.3V	20%	111253411	CAP, CHIP CERAMIC 10MF B(1608)	-
C457	B	65.4500	45.3500	11C6	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C460	A	45.9500	64.5000	11C4	10uF	6.3V	20%	111253411	CAP, CHIP CERAMIC 10MF B(1608)	-
C461	A	46.9000	64.3000	11C4	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C470	A	85.4500	71.3000	12E5	10uF	6.3V	20%	111253411	CAP, CHIP CERAMIC 10MF B(1608)	-
C471	B	75.8500	50.1500	12E5	10uF	6.3V	20%	111253411	CAP, CHIP CERAMIC 10MF B(1608)	-
C472	B	77.1500	50.1500	12E6	10uF	6.3V	20%	111253411	CAP, CHIP CERAMIC 10MF B(1608)	-
C473	A	85.5500	69.5500	12E6	10uF	6.3V	20%	111253411	CAP, CHIP CERAMIC 10MF B(1608)	-
C474	A	66.0500	72.6000	12E6	1.0uF	6.3V	20%	110050691	CAP, CERAMIC 1MF C (1005)	-
C475	A	75.5000	72.8500	12E6	1.0uF	6.3V	20%	110050691	CAP, CERAMIC 1MF C (1005)	-
C476	B	72.8500	57.4500	12D6	1.0uF	6.3V	20%	110050691	CAP, CERAMIC 1MF C (1005)	-
C477	A	75.5500	43.1500	12C6	1.0uF	6.3V	20%	110050691	CAP, CERAMIC 1MF C (1005)	-
C478	A	74.6000	43.1500	12C6	1.0uF	6.3V	20%	110050691	CAP, CERAMIC 1MF C (1005)	-
C480	A	69.4500	72.6000	12E3	10uF	6.3V	20%	111253411	CAP, CHIP CERAMIC 10MF B(1608)	-
C481	A	67.8000	72.7000	12E3	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C490	A	78.2000	68.2500	12D6	10uF	6.3V	20%	111253411	CAP, CHIP CERAMIC 10MF B(1608)	-
C491	A	76.2000	56.8000	12D6	10uF	6.3V	20%	111253411	CAP, CHIP CERAMIC 10MF B(1608)	-
C492	A	76.2000	54.3500	12D6	10uF	6.3V	20%	111253411	CAP, CHIP CERAMIC 10MF B(1608)	-
C493	A	76.2000	51.9000	12D5	10uF	6.3V	20%	111253411	CAP, CHIP CERAMIC 10MF B(1608)	-
C494	A	76.2000	47.8000	12D5	10uF	6.3V	20%	111253411	CAP, CHIP CERAMIC 10MF B(1608)	-
C520	A	46.9000	62.7500	13D3	1					

*NOTE : □ □ □ □

Location

Schematic Diagram Sheet Number

DNI=Do Not Install

ALT=Alternative

VAR=Variable

NS=Not Supplied

Ref.No.	A/B	X-coordinate Value	Y-coordinate Value	Schamatics Diagram Address	Value	Rating	Tol.	Part No.	Description	Notes
C1133	B	89.6000	37.7000	14E5	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1134	B	89.6000	36.7500	14E5	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1135	B	90.5500	27.6000	14E5	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1136	B	88.7500	36.5500	14E4	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1150	A	108.1000	62.4000	15A8	10uF	6.3V	20%	111253411	CAP, CHIP CERAMIC 10MF B(1608)	-
C1151	A	125.3000	56.6500	15A8	10uF	6.3V	20%	111253411	CAP, CHIP CERAMIC 10MF B(1608)	-
C1152	A	108.1000	49.9000	15A8	10uF	6.3V	20%	111253411	CAP, CHIP CERAMIC 10MF B(1608)	-
C1153	A	108.1000	42.0000	15A8	10uF	6.3V	20%	111253411	CAP, CHIP CERAMIC 10MF B(1608)	-
C1154	A	119.5500	36.8500	15A7	10uF	6.3V	20%	111253411	CAP, CHIP CERAMIC 10MF B(1608)	-
C1155	A	109.9500	22.3500	15A7	10uF	6.3V	20%	111253411	CAP, CHIP CERAMIC 10MF B(1608)	-
C1156	A	108.1000	25.6500	15A7	10uF	6.3V	20%	111253411	CAP, CHIP CERAMIC 10MF B(1608)	-
C1157	A	119.0000	71.1000	15A7	10uF	6.3V	20%	111253411	CAP, CHIP CERAMIC 10MF B(1608)	-
C1158	A	114.5000	8.5000	15A7	10uF	6.3V	20%	111253411	CAP, CHIP CERAMIC 10MF B(1608)	-
C1159	B	129.3000	68.8500	15A8	10uF	6.3V	20%	111253411	CAP, CHIP CERAMIC 10MF B(1608)	-
C1160	B	108.0000	64.4000	15A8	10uF	6.3V	20%	111253411	CAP, CHIP CERAMIC 10MF B(1608)	-
C1161	B	126.0500	56.6500	15A8	10uF	6.3V	20%	111253411	CAP, CHIP CERAMIC 10MF B(1608)	-
C1162	B	109.7000	43.3000	15A8	10uF	6.3V	20%	111253411	CAP, CHIP CERAMIC 10MF B(1608)	-
C1163	B	122.6500	43.3000	15A7	10uF	6.3V	20%	111253411	CAP, CHIP CERAMIC 10MF B(1608)	-
C1164	B	109.8000	35.8000	15A7	10uF	6.3V	20%	111253411	CAP, CHIP CERAMIC 10MF B(1608)	-
C1165	B	107.4000	11.6000	15A7	10uF	6.3V	20%	111253411	CAP, CHIP CERAMIC 10MF B(1608)	-
C1166	B	122.7000	9.1000	15A7	10uF	6.3V	20%	111253411	CAP, CHIP CERAMIC 10MF B(1608)	-
C1180	B	108.0000	39.9500	14E6	1.0uF	6.3V	20%	110050691	CAP, CERAMIC 1MF C (1005)	-
C1200	A	111.7000	70.1500	15F8	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1201	A	113.8000	70.1500	15F7	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1202	A	114.9000	70.1500	15F7	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1203	A	118.6000	70.1500	15F7	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1204	A	121.0000	70.1500	15F7	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1205	A	116.1000	56.6500	15F7	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1206	A	123.0000	56.6500	15F7	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1207	A	111.7000	56.6500	15F6	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1208	A	120.1000	56.6500	15E7	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1210	A	110.2500	56.0500	15F6	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1211	A	110.6000	56.6500	15F6	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1212	A	113.9000	56.6500	15F5	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1213	A	121.9000	56.6500	15F5	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1214	A	111.7000	43.1500	15F5	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1215	A	113.8000	43.1500	15F5	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1216	A	117.5000	43.1500	15F5	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1217	A	123.4000	43.1500	15F4	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1218	A	118.6000	43.1500	15E5	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1219	A	108.5500	56.6500	15F6	10uF	6.3V	20%	111253411	CAP, CHIP CERAMIC 10MF B(1608)	-
C1220	A	112.2000	35.9500	15F4	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1221	A	113.8000	35.9500	15F4	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1222	A	114.9000	35.9500	15F4	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1223	A	118.4000	35.9500	15F3	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1224	A	121.0000	35.9500	15F3	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1225	A	111.7000	22.4500	15F3	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1226	A	116.1000	22.4500	15F3	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1227	A	122.9000	22.4500	15F3	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1228	A	120.1000	22.4500	15E3	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1229	A	126.2500	22.4500	15F4	10uF	6.3V	20%	111253411	CAP, CHIP CERAMIC 10MF B(1608)	-
C1230	A	110.8000	22.4500	15F2	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1231	A	113.9000	22.4500	15F2	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1232	A	121.2000	22.4500	15F2	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1233	A	112.7000	9.0000	15F1	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1234	A	113.5500	8.4500	15F1	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1235	A	115.5000	8.4000	15F1	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1236	A	117.5000	9.0000	15F1	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1237	A	124.0500	9.0000	15F1	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1238	A	118.6000	9.0000	15E1	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1240	B	112.0000	70.1500	15C8	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-

Ref.No.	A/B	X-coordinate Value	Y-coordinate Value	Schamatics Diagram Address	Value	Rating	Tol.	Part No.	Description	Notes
C1241	B	113.1000	70.1500	15C7	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1242	B	114.9000	70.1500	15C7	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1243	B	117.8000	70.1500	15C7	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1244	B	121.9500	70.1500	15C7	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1245	B	114.6000	56.6500	15C7	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1246	B	115.7000	56.6500	15C7	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1247	B	121.0000	56.6500	15C6	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1248	B	118.9000	70.1500	15C7	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1250	B	111.3000	56.6500	15C6	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1251	B	116.8000	56.6500	15C6	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1252	B	122.9000	56.6500	15C5	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1253	B	112.2000	43.1500	15C5	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1254	B	113.8000	43.1500	15C5	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1255	B	115.4000	43.1500	15C5	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1256	B	118.3500	43.1500	15C5	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1257	B	120.5000	43.1500	15C4	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1258	B	119.0000	56.6500	15C5	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1259	B	107.9500	56.6500	15C6	10uF	6.3V	20%	111253411	CAP, CHIP CERAMIC 10MF B(1608)	-
C1260	B	112.2000	35.9500	15C4	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1261	B	113.8000	35.9500	15C4	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1262	B	115.1500	35.9500	15C4	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1263	B	117.5000	35.9500	15C3	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1264	B	122.9000	35.9500	15C3	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1265	B	114.6000	22.4500	15C3	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1266	B	115.7000	22.4500	15C3	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1267	B	121.0000	22.4500	15C3	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1268	B	118.6000	35.9500	15C3	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1269	B	108.9500	22.4500	15C4	10uF	6.3V	20%	111253411	CAP, CHIP CERAMIC 10MF B(1608)	-
C1270	B	111.3000	22.4500	15C2	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1271	B	116.8000	22.4500	15C2	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1272	B	122.9000	22.4500	15C2	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1273	B	112.2000	8.9500	15C1	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1274	B	113.8000	8.9500	15C1	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1275	B	115.4000	8.9500	15C1	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1276	B	118.3500	8.9500	15C1	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1277	B	120.5000	8.9500	15C1	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1278	B	119.0000	22.4500	15C1	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1280	A	117.5000	70.1500	15D7	1000pF	16V	10%	112862711	CAP, CERAMIC 1000PF B (0603)	-
C1281	A	112.8000	56.6							

*NOTE : □ □ □ □

Location

Schematic Diagram Sheet Number

DNI=Do Not Install

ALT=Alternative

VAR=Variable

NS=Not Supplied

Ref.No.	A/B	X-coordinate Value	Y-coordinate Value	Schamatics Diagram Address	Value	Rating	Tol.	Part No.	Description	Notes
C1313	B	70.2000	69.8000	19E5	1000pF	50V	10%	116493711	CAP, CHIP CERAMIC 1000PF B 1005	-
C1314	B	70.2000	70.6000	19E5	0.1uF	10V	10%	112577711	CAP, CHIP CERAMIC 0.1MF B 1005	-
C1315	B	70.0000	71.7500	19E5	10uF	6.3V	20%	111253411	CAP, CHIP CERAMIC 10MF B(1608)	-
C1321	B	70.2000	69.0000	19D5	1.0uF	6.3V	20%	110050691	CAP, CERAMIC 1MF C (1005)	-
C1322	B	70.2000	68.0000	19D4	0.01uF	16V	10%	116494311	CAP,CHIP CERAMIC 10000PF B1005	-
C1323	B	72.8500	62.6000	19D4	220pF	16V	5%	116488211	CAP,CHIP CERAMIC 220PF CH 1005	-
C1412	A	76.3000	7.4000	16E7	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1413	A	76.3000	8.0000	16D7	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1500	B	50.6000	36.0000	17C6	10pF	50V	0.5p	116485011	CAP, CHIP CERAMIC 10PF CH 1005	-
C1501	B	53.9000	38.8000	17C5	10pF	50V	0.5p	116485011	CAP, CHIP CERAMIC 10PF CH 1005	-
C1570	A	42.2000	21.8000	17B2	0.01uF	16V	10%	116494311	CAP,CHIP CERAMIC 10000PF B1005	-
C1580	B	73.7000	37.0500	17B4	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1600	B	50.0000	22.4000	18F6	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1601	B	69.0000	31.0500	18F7	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1610	A	75.5000	39.1000	18E6	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1612	A	46.0000	4.1500	18E7	10uF	6.3V	20%	111253411	CAP, CHIP CERAMIC 10MF B(1608)	-
C1613	A	45.7000	5.3000	18E7	0.01uF	16V	10%	116494311	CAP,CHIP CERAMIC 10000PF B1005	-
C1620	B	49.5500	10.6500	18D7	10uF	6.3V	20%	111253411	CAP, CHIP CERAMIC 10MF B(1608)	-
C1621	B	48.4500	12.0000	18D7	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1622	B	48.4500	10.8000	18D7	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1623	B	48.4500	11.4000	18D6	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1625	B	50.7000	10.6500	18D7	10uF	6.3V	20%	111253411	CAP, CHIP CERAMIC 10MF B(1608)	-
C1630	A	43.1000	30.7500	18C7	1.0uF	6.3V	20%	110050691	CAP, CERAMIC 1MF C (1005)	-
C1631	A	43.3500	31.6000	18C7	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1632	A	43.3500	32.2500	18C6	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1640	A	43.7500	27.4500	18E4	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1641	A	43.6500	28.8500	18E4	1.0uF	6.3V	20%	110050691	CAP, CERAMIC 1MF C (1005)	-
C1642	A	41.2500	28.0500	18E4	220uF	2.5V	20%	111256111	CAP, TANTALUM ELECT 220MF	-
C1643	A	43.8500	11.4000	18E4	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1644	A	43.8500	12.5000	18E4	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1645	A	42.9000	11.3000	18E4	10uF	6.3V	20%	111253411	CAP, CHIP CERAMIC 10MF B(1608)	-
C1650	B	74.6500	32.0000	18D4	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1651	B	71.4000	27.5500	18D4	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1652	B	74.9000	11.1500	18D5	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1653	A	43.8500	19.5000	18D4	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1654	A	43.7500	26.3500	18D5	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1660	B	64.0500	28.6500	18C4	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1661	B	59.7000	29.2000	18C4	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1662	B	59.7000	28.6500	18C4	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1663	B	55.9500	35.6500	18C4	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1664	B	59.7000	29.7500	18C4	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1665	B	57.6000	32.6500	18B4	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1670	B	53.4500	32.9000	18B4	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1671	B	53.4500	32.3000	18B4	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1701	B	82.1500	52.6000	20A7	0.1uF	10V	10%	112577711	CAP, CHIP CERAMIC 0.1MF B 1005	-
C1702	B	81.6500	71.4000	20A7	0.1uF	10V	10%	112577711	CAP, CHIP CERAMIC 0.1MF B 1005	-
C1711	B	91.0000	69.4000	20F8	0.1uF	10V	10%	112577711	CAP, CHIP CERAMIC 0.1MF B 1005	-
C1712	B	87.0500	52.6000	20F8	0.1uF	10V	10%	112577711	CAP, CHIP CERAMIC 0.1MF B 1005	-
C1713	B	72.8500	58.4500	20F8	0.1uF	10V	10%	112577711	CAP, CHIP CERAMIC 0.1MF B 1005	-
C1714	B	72.8500	59.4500	20F7	0.1uF	10V	10%	112577711	CAP, CHIP CERAMIC 0.1MF B 1005	-
C1715	B	77.2000	52.9500	20F7	1000pF	50V	10%	116493711	CAP, CHIP CERAMIC 1000PF B 1005	-
C1716	B	89.5000	52.6000	20F7	1000pF	50V	10%	116493711	CAP, CHIP CERAMIC 1000PF B 1005	-
C1717	B	88.7000	52.6000	20F7	0.1uF	10V	10%	112577711	CAP, CHIP CERAMIC 0.1MF B 1005	-
C1718	B	90.3000	52.6000	20F7	0.1uF	10V	10%	112577711	CAP, CHIP CERAMIC 0.1MF B 1005	-
C1721	B	82.4500	71.4000	20F5	0.1uF	10V	10%	112577711	CAP, CHIP CERAMIC 0.1MF B 1005	-
C1722	B	91.0000	67.7000	20F5	0.1uF	10V	10%	112577711	CAP, CHIP CERAMIC 0.1MF B 1005	-
C1725	B	72.8500	60.4500	20F4	0.1uF	10V	10%	112577711	CAP, CHIP CERAMIC 0.1MF B 1005	-
C1726	B	78.5500	52.6000	20F4	0.1uF	10V	10%	112577711	CAP, CHIP CERAMIC 0.1MF B 1005	-
C1750	A	76.7500	79.2500	20E2	4.7uF	6.3V	10%	111274611	CAP, CERAMIC 4.7MF B (1608)	-
C1751	A	65.4500	85.7500	20D1	220pF	16V	5%	116488211	CAP,CHIP CERAMIC 220PF CH 1005	-
C1752	A	84.8500	82.3000	20B1	220pF	16V	5%	116488211	CAP,CHIP CERAMIC 220PF CH 1005	-

Ref.No.	A/B	X-coordinate Value	Y-coordinate Value	Schamatics Diagram Address	Value	Rating	Tol.	Part No.	Description	Notes
C1753	A	79.7000	79.6500	20D1	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1758	A	75.4500	80.1000	20D3	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1759	A	79.7000	79.1000	20E2	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1821	B	130.0000	17.0500	21D3	10uF	6.3V	20%	111253411	CAP, CHIP CERAMIC 10MF B(1608)	-
C1822	B	130.6000	16.1000	21D3	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1850	B	91.0000	62.7000	21C6	2200pF	50V	10%	116493911	CAP, CHIP CERAMIC 2200PF B 1005	-
C1851	B	91.0000	59.8000	21C5	2200pF	50V	10%	116493911	CAP, CHIP CERAMIC 2200PF B 1005	-
C1900	B	117.8500	43.1500	23E6	1000pF	16V	10%	112862711	CAP, CERAMIC 1000PF B (0603)	-
C1852	B	91.1000	55.2000	21C5	2200pF	50V	10%	116493911	CAP, CHIP CERAMIC 2200PF B 1005	-
C1900	B	32.3000	80.0500	22C4	10pF	50V	0.5p	116485011	CAP, CHIP CERAMIC 10PF CH 1005	-
C1901	B	27.2000	81.2000	22C3	10pF	50V	0.5p	116485011	CAP, CHIP CERAMIC 10PF CH 1005	-
C1910	B	38.6500	81.3500	22E5	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1911	B	34.8000	81.1000	22E5	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1912	B	42.6500	61.0000	22B5	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1913	B	49.3500	81.8500	22F5	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1914	B	48.5500	60.7500	22E4	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1915	B	47.7500	60.4500	22F5	1.0uF	6.3V	20%	110050691	CAP, CERAMIC 1MF C (1005)	-
C1917	B	32.6500	62.1000	22C7	0.01uF	16V	10%	116494311	CAP,CHIP CERAMIC 10000PF B1005	-
C1990	B	52.0500	68.5000	22B7	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C1991	B	55.3000	60.8000	22B8	0.047uF	10V	10%	111992311	CAP, CERAMIC 0.047MF B 1005	-
C1992	B	52.4000	62.0500	22B8	0.047uF	10V	10%	111992311	CAP, CERAMIC 0.047MF B 1005	-
C1993	B	52.4000	63.8500	22B8	0.047uF	10V	10%	111992311	CAP, CERAMIC 0.047MF B 1005	-
C2111	B	39.5500	85.0500	23E2	0.01uF	16V	10%	116494311	CAP,CHIP CERAMIC 10000PF B1005	-
C2120	A	36.8000	76.5000	23C7	0.022uF	16V	10%	110781911	CAP,CHIP CERAMIC 22000PF B1005	-
C2125	A	41.5500	87.3500	23E6	0.1uF	10V	10%	112577711	CAP, CHIP CERAMIC 0.1MF B 1005	-
C2150	B	57.1500	79.1500	23A7	3300pF	16V	10%	116494011	CAP,CHIP CERAMIC 3300PF B 1005	DNI
C2170	A	57.3000	80.2500	23C4	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	DNI
C2172	A	52.6500	79.7500	23D3	10uF	25V	10%	110054412	CAP, SPECIAL CERAMIC 10MF 3626	-
C2173	B	60.2500	84.4500	23D2	0.1uF	50V	10%	111533911	CAP, CERAMIC 0.1MF B (2012)	DNI
C2175	A	57.3000	78.8000	23C4	1.0uF	6.3V	20%	110050691	CAP, CERAMIC 1MF C (1005)	-
C2178	A	63.2000	76.3500	23D2	1.5uF	50V	-	111274311	CAP,SPECIAL CERAMIC 1.5MF 3526	-
C2179	B	63.2500	80.8000	23C2	470pF	50V	10%	116296211	CAP, CERAMIC 470PF B 1608	DNI
C2251	A	88.8000	7.3000	24D6	0.01uF	16V	10%	116494311	CAP,CHIP CERAMIC 10000PF B1005	-
C2310	A	55.1500	5.2000	25E7	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C2311	A	2.3000	81.8500	25E5	22uF	6.3V	20%	110061191	CAP, CERAMIC 22MF C (2012)	-
C2312	A	4.2000	81.8500	25E5	22uF	6.3V	20%	110061191	CAP, CERAMIC 22MF C (2012)	-
C2313	A	6.8000	82.4000	25E4	1000pF	16V	10%	112862711	CAP, CERAMIC 1000PF B (0603)	-
C2330	A	80.8000	5.6000	25D3	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C2500	B	106.5000	22.4500	27E4	10uF	6.3V	20%	111253411	CAP,	

*NOTE : □ □ □ □

Location

Schematic Diagram Sheet Number

DNI=Do Not Install

ALT=Alternative

VAR=Variable

NS=Not Supplied

Ref.No.	A/B	X-coordinate Value	Y-coordinate Value	Schamatics Diagram Address	Value	Rating	Tol.	Part No.	Description	Notes
C3951	B	24.5500	73.6000	30D4	0.22uF	16V	10%	112771511	CAP,CHIP CERAMIC 0.22MF B 1608	-
C3952	B	26.9500	73.1500	30D5	1.0uF	10V	10%	116590811	CAP, CERAMIC 1000000PF B 1608	-
C3960	A	27.8500	73.1500	30E4	0.1uF	25V	10%	110059711	CAP, CHIP CERAMIC 0.1MF B 1608	-
C3961	A	24.7000	74.8000	30E4	10uF	25V	10%	110054412	CAP, SPECIAL CERAMIC 10MF 3626	-
C3962	A	24.0000	77.9500	30E4	10uF	25V	10%	110054412	CAP, SPECIAL CERAMIC 10MF 3626	-
C3970	B	28.3000	59.9000	30F7	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C3971	B	29.0500	61.7500	30F6	1000pF	50V	10%	116493711	CAP, CHIP CERAMIC 1000PF B 1005	-
C3990	A	24.6500	68.4000	30D1	680uF	2.5V	20%	111286211	CAP, TANTALUM ELECT 680MF (734	-
C4101	B	58.8000	3.5500	31D7	220uF	2.5V	20%	111256111	CAP, TANTALUM ELECT 220MF	-
C4103	B	63.6500	5.6500	31D7	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C4104	B	49.9000	2.0500	31E6	0.1uF	25V	10%	110059711	CAP, CHIP CERAMIC 0.1MF B 1608	-
C4105	B	54.3000	3.7500	31E6	10uF	25V	10%	110054412	CAP, SPECIAL CERAMIC 10MF 3626	-
C4106	B	40.3000	27.2500	31E5	0.1uF	16V	20%	110050591	CAP, CERAMIC 0.1MF C (1005)	-
C4107	B	50.3500	13.4500	31D6	0.22uF	16V	10%	112771511	CAP,CHIP CERAMIC 0.22MF B 1608	-
C4108	B	39.7500	30.0000	31D6	1000pF	50V	10%	116493711	CAP, CHIP CERAMIC 1000PF B 1005	-
C4109	B	43.9000	35.0500	31E5	1.0uF	6.3V	20%	110050691	CAP, CERAMIC 1MF C (1005)	-
C4110	B	42.2000	26.0000	31E4	4.7uF	6.3V	10%	111274611	CAP, CERAMIC 4.7MF B (1608)	-
C4111	B	44.6000	34.7000	31C5	470pF	16V	10%	112862511	CAP, CERAMIC 470PF B (0603)	-
C4112	B	45.2000	34.7000	31C5	470pF	16V	10%	112862511	CAP, CERAMIC 470PF B (0603)	-
C4113	B	47.5000	35.0500	31C6	0.22uF	6.3V	10%	116588711	CAP, CERAMIC 0.22MF (1005)	-
C4121	B	45.8500	24.2000	31D2	330uF	2.5V	20%	110069521	CAP, TANTALUM ELECT 330MF	-
C4123	B	52.2500	28.6000	31D2	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C4124	B	44.5250	16.8000	31E3	0.1uF	25V	10%	110059711	CAP, CHIP CERAMIC 0.1MF B 1608	-
C4125	B	46.3500	12.3000	31E3	10uF	25V	10%	110054412	CAP, SPECIAL CERAMIC 10MF 3626	-
C4126	B	47.4000	29.4500	31E4	0.1uF	16V	20%	110050591	CAP, CERAMIC 0.1MF C (1005)	-
C4127	B	62.7000	17.9000	31D3	0.22uF	16V	10%	112771511	CAP,CHIP CERAMIC 0.22MF B 1608	-
C4128	B	46.9500	31.5000	31D3	3300pF	16V	10%	116494011	CAP,CHIP CERAMIC 3300PF B 1005	-
C4150	B	40.4000	39.0000	31B7	0.1uF	10V	10%	112577711	CAP, CHIP CERAMIC 0.1MF B 1005	-
C4151	B	44.9500	39.1500	31B6	100pF	50V	5%	116487411	CAP,CHIP CERAMIC 100PF CH 1005	-
C4220	B	84.8500	40.5000	32D4	10uF	6.3V	20%	111253411	CAP, CHIP CERAMIC 10MF B(1608)	-
C4221	B	84.8500	39.3000	32D4	10uF	6.3V	20%	111253411	CAP, CHIP CERAMIC 10MF B(1608)	-
C4222	B	84.8000	47.1000	32E5	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C4223	B	88.3000	39.9500	32E5	10uF	6.3V	20%	111253411	CAP, CHIP CERAMIC 10MF B(1608)	-
C4224	B	88.7000	46.7000	32E5	1.0uF	6.3V	20%	110050691	CAP, CERAMIC 1MF C (1005)	-
C4225	B	87.1500	40.2500	32E6	0.01uF	16V	10%	116494311	CAP,CHIP CERAMIC 10000PF B1005	-
C4250	B	57.5000	39.9500	32C2	10uF	6.3V	20%	111253411	CAP, CHIP CERAMIC 10MF B(1608)	-
C4251	B	55.8500	37.2000	32C3	1.0uF	6.3V	20%	110050691	CAP, CERAMIC 1MF C (1005)	-
C4252	B	55.8500	39.0500	32C3	0.01uF	16V	10%	116494311	CAP,CHIP CERAMIC 10000PF B1005	-
C4260	B	84.2500	83.8000	32B7	0.47uF	6.3V	10%	110041511	CAP, CHIP CERAMIC 0.47MF(1005)	-
C4261	B	85.4500	76.9500	32C7	1.0uF	6.3V	20%	110050691	CAP, CERAMIC 1MF C (1005)	-
C4262	B	82.3500	79.3500	32C7	1.0uF	6.3V	20%	110050691	CAP, CERAMIC 1MF C (1005)	-
C4263	B	82.9500	80.7000	32C7	470pF	16V	10%	112862511	CAP, CERAMIC 470PF B (0603)	-
C4264	B	90.2000	83.4000	32C6	0.01uF	16V	10%	116494311	CAP,CHIP CERAMIC 10000PF B1005	-
C4265	B	85.9500	83.8000	32C5	220pF	16V	5%	116488211	CAP,CHIP CERAMIC 220PF CH 1005	-
C4266	B	87.4000	77.5000	32C6	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C4267	B	87.9000	76.6500	32C6	10uF	6.3V	20%	111253411	CAP, CHIP CERAMIC 10MF B(1608)	-
C4268	B	84.6500	76.9500	32B6	0.01uF	16V	10%	116494311	CAP,CHIP CERAMIC 10000PF B1005	-
C4269	B	98.1000	80.9000	32B5	220uF	2.5V	20%	111256111	CAP, TANTALUM ELECT 220MF	-
C4270	B	96.9000	78.7000	32B5	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C4271	B	85.5000	73.2500	32C5	47uF	6.3V	20%	111201121	CAP, TANTALUM ELECT 47MF(3528)	-
C4272	B	89.2500	73.2500	32C5	47uF	6.3V	20%	111201121	CAP, TANTALUM ELECT 47MF(3528)	-
C4301	B	70.3000	20.0250	33D7	330uF	6.3V	20%	110039521	CAP, ELECT 330MF 7.3X4.3	-
C4302	B	66.3500	23.8500	33D8	4.7uF	6.3V	10%	111274611	CAP, CERAMIC 4.7MF B (1608)	-
C4303	B	62.3500	19.0000	33D8	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C4304	B	67.4500	1.0500	33E6	0.1uF	25V	10%	110059711	CAP, CHIP CERAMIC 0.1MF B 1608	-
C4305	B	74.3000	3.0500	33E6	10uF	25V	10%	110054412	CAP, SPECIAL CERAMIC 10MF 3626	-
C4306	B	83.8500	2.7000	33D6	0.022uF	16V	10%	110781911	CAP,CHIP CERAMIC 22000PF B1005	-
C4307	B	85.2000	2.3500	33C7	1000pF	16V	10%	112862711	CAP, CERAMIC 1000PF B (0603)	-
C4308	B	81.4500	1.8500	33D5	0.22uF	16V	10%	112771511	CAP,CHIP CERAMIC 0.22MF B 1608	-
C4309	B	83.5000	2.0000	33C6	1000pF	16V	10%	112862711	CAP, CERAMIC 1000PF B (0603)	-
C4310	B	87.7000	5.1000	33C6	0.22uF	6.3V	10%	116588711	CAP, CERAMIC 0.22MF (1005)	-

Ref.No.	A/B	X-coordinate Value	Y-coordinate Value	Schamatics Diagram Address	Value	Rating	Tol.	Part No.	Description	Notes
C4311	B	79.8000	3.8000	33D5	1.0uF	10V	10%	116590811	CAP, CERAMIC 1000000PF B 1608	-
C4312	B	79.2000	6.8000	33D5	0.1uF	25V	10%	110059711	CAP, CHIP CERAMIC 0.1MF B 1608	-
C4321	B	84.8000	25.1000	33D1	220uF	4.0V	20%	110069821	CAP, TANTALUM ELECT 220MF	-
C4322	B	77.2000	22.1000	33D1	10uF	6.3V	20%	111253411	CAP, CHIP CERAMIC 10MF B(1608)	-
C4323	B	77.3000	27.7500	33D1	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C4324	B	75.8000	15.6000	33E3	0.1uF	25V	10%	110059711	CAP, CHIP CERAMIC 0.1MF B 1608	-
C4325	B	76.2000	8.4000	33E3	10uF	25V	10%	110054412	CAP, SPECIAL CERAMIC 10MF 3626	-
C4326	B	83.9500	9.8000	33D3	0.022uF	16V	10%	110781911	CAP,CHIP CERAMIC 22000PF B1005	-
C4327	B	85.1000	9.9000	33C2	220pF	16V	10%	112862311	CAP, CERAMIC 220PF B (0603)	-
C4328	B	82.2000	10.6500	33D3	0.22uF	16V	10%	112771511	CAP,CHIP CERAMIC 0.22MF B 1608	-
C4330	B	83.8500	10.7500	33C3	1000pF	16V	10%	112862711	CAP, CERAMIC 1000PF B (0603)	-
C4352	B	96.4500	2.0500	33A7	1000pF	50V	10%	116493711	CAP, CHIP CERAMIC 1000PF B 1005	-
C4353	B	92.4500	1.5500	33A7	0.01uF	16V	10%	116494311	CAP,CHIP CERAMIC 10000PF B1005	-
C4391	B	89.6000	10.1000	33D4	1.0uF	10V	10%	116590811	CAP, CERAMIC 1000000PF B 1608	-
C4392	B	87.8500	7.9000	33D4	0.1uF	10V	10%	112577711	CAP, CHIP CERAMIC 0.1MF B 1005	DNI
C4401	B	82.5500	32.2500	34A7	0.01uF	16V	10%	116494311	CAP,CHIP CERAMIC 10000PF B1005	-
C4432	B	57.6500	42.5500	34F7	2200pF	50V	10%	116493911	CAP, CHIP CERAMIC 2200PF B 1005	-
C4451	B	74.8000	42.2500	34E5	0.01uF	16V	10%	116494311	CAP,CHIP CERAMIC 10000PF B1005	-
C4461	B	79.8000	34.8000	34D6	0.01uF	16V	10%	116494311	CAP,CHIP CERAMIC 10000PF B1005	-
C4501	B	56.7000	52.5000	35F3	0.47uF	6.3V	10%	110041511	CAP, CHIP CERAMIC 0.47MF(1005)	-
C4521	B	60.2500	53.1000	35D3	0.47uF	6.3V	10%	110041511	CAP, CHIP CERAMIC 0.47MF(1005)	-
C4531	B	64.9000	52.2500	35B3	0.47uF	6.3V	10%	110041511	CAP, CHIP CERAMIC 0.47MF(1005)	-
C4611	B	119.6000	72.2000	36D3	10pF	50V	0.5p	116485011	CAP, CHIP CERAMIC 10PF CH 1005	-
C4621	A	129.0500	67.1500	36C2	4.7uF	6.3V	10%	111274611	CAP, CERAMIC 4.7MF B (1608)	-
C4624	B	126.3000	75.9000	36C6	1.0uF	10V	10%	116590811	CAP, CERAMIC 1000000PF B 1608	-
C4625	B	128.7000	75.5500	36C5	0.01uF	16V	10%	116494311	CAP,CHIP CERAMIC 10000PF B1005	-
C4633	B	120.5000	74.8000	36D4	820pF	50V	10%	116473311	CAP,CERAMIC 820PF B 1608	DNI
C4634	B	120.5000	73.6000	36D4	820pF	50V	10%	116473311	CAP,CERAMIC 820PF B 1608	DNI
C4650	B	127.5000	70.6000	36C3	100pF	50V	5%	116487411	CAP,CHIP CERAMIC 100PF CH 1005	-
C4662	B	122.5500	75.7500	36C4	0.1uF	10V	10%	112577711	CAP, CHIP CERAMIC 0.1MF B 1005	-
C4681	B	128.8000	74.1500	36B4	0.22uF	6.3V	10%	116588711	CAP, CERAMIC 0.22MF (1005)	-
C4702	B	73.3500	82.2500	37C6	4700pF	16V	10%	116494111	CAP,CHIP CERAMIC 4700PF B 1005	-
C4703	B	73.3500	83.0500	37C6	220pF	16V	5%	116488211	CAP,CHIP CERAMIC 220PF CH 1005	-
C4704	B	71.1500	83.8500	37C7	0.022uF	16V	10%	110781911	CAP,CHIP CERAMIC 22000PF B1005	-
C4705	B	73.3500	81.4500	37C6	1.0uF	6.3V	20%	110050691	CAP, CERAMIC 1MF C (1005)	-
C4706	B	81.0500	84.3000	37C5	0.1uF	16V	20%	110050591	CAP, CERAMIC 0.1MF C (1005)	DNI
C4710	B	75.7500	77.8000	37D6	0.1uF	25V	10%	110059711	CAP, CHIP CERAMIC 0.1MF B 1608	-
C4712	B	75.7500	76.6000	37D5	0.1uF	25V	10%	110059711	CAP, CHIP CERAMIC 0.1MF B 1608	-
C4715	B	81.0000	81.2000	37C5	0.1uF	16V	20%	110050591	CAP, CER	

*NOTE : □ □ □ □

Location

Schematic Diagram Sheet Number

DNI=Do Not Install ALT=Alternative VAR=Variable NS=Not Supplied

Ref.No.	A/B	X-coordinate Value	Y-coordinate Value	Schamatics Diagram Address	Value	Rating	Tol.	Part No.	Description	Notes
C4955	B	87.0000	37.3500	39B3	1.0uF	10V	10%	116590811	CAP, CERAMIC 1000000PF B 1608	-
C4956	B	128.8000	7.7500	39B3	0.1uF	10V	10%	112577711	CAP, CHIP CERAMIC 0.1MF B 1005	DNI
C4976	B	122.2000	81.5500	39B5	1.0uF	6.3V	20%	110050691	CAP, CERAMIC 1MF C (1005)	-
C4977	B	125.2000	78.0000	39B5	1.0uF	6.3V	20%	110050691	CAP, CERAMIC 1MF C (1005)	-
C5001	A	2.3500	62.9500	40C5	0.1uF	10V	10%	112577711	CAP, CHIP CERAMIC 0.1MF B 1005	DNI
C5002	A	2.3500	62.1500	40C4	0.1uF	10V	10%	112577711	CAP, CHIP CERAMIC 0.1MF B 1005	DNI
CN60	A	42.6000	2.4500	6B4	-	-	-	177061911	PIN, CONNECTOR 2P	-
CN70	A	42.6000	57.0000	6B3	-	-	-	169480221	KITAGAWA_OG-363040	DNI
CN1100	B	97.0500	39.5500	14C2	-	-	-	181950811	SO-DIMM CONNECTOR (DDR) 200P	-
CN1701	A	74.9900	83.5250	20C2	-	-	-	182045211	CONNECTOR, FPC (ZIF) 80P	-
CN1900	A	114.1500	39.5500	22F7	-	-	-	181826021	CONNECTOR, BOARDTOBOARD20P	NS
CN2100	A	37.3500	82.7500	29B2	-	-	-	181945311	CONNECTOR, BOARDTOBOARD30P	-
CN2200	A	93.3400	3.0750	24D3	-	-	-	182045311	CONNECTOR, FPC (ZIF) 70P	-
CN2300	A	5.3500	85.6750	25E3	-	-	-	182014951	FFC/FPCCN13P	-
CN2330	A	68.2000	1.8000	25C3	-	-	-	181863751	CONNECTOR, FFC/FPC (ZIF) 50P	-
CN2400	A	70.4000	77.7000	26E1	-	-	-	177933251	CONNECTOR, FFC/FPC 16P	-
CN2490	A	59.9000	41.0000	26B4	-	-	-	181620552	CONNECTOR, FFC/FPC (ZIF) 24P	-
CN2500	A	92.1500	13.9000	27D5	-	-	-	182025711	CARD CONNECTOR(MINI-CARD)	-
CN2590	A	131.1000	18.3000	27B5	-	-	-	177933651	CONNECTOR, FFC/FPC 24P	-
CN2600	A	132.9500	38.3500	28D2	-	-	-	181863251	CONNECTOR, FFC/FPC (ZIF) 54P	-
CN2900	A	114.2500	3.6500	29E3	-	-	-	181981511	CONNECTOR, BOARDTOBOARD60P	-
CN4700	B	104.6000	79.6000	37B1	-	-	-	181945411	CONNECTOR, BATTERY (PLUG) 6P	-
CN4858	A	16.8000	80.9000	38E7	-	-	-	177062321	PIN, CONNECTOR 6P	-
CN4971	A	131.7000	75.6000	39B7	-	-	-	177061911	PIN, CONNECTOR 2P	-
CN5001	A	55.1500	74.7000	40D3	-	-	-	179484421	CONNECTOR, BOARDTOBOARD30P	-
CN5002	A	4.6000	77.6000	40D6	-	-	-	181702111	CONNECTOR, BOARDTOBOARD20P	-
CN5503	B	2.5000	55.2000	40B5	-	-	-	177933821	JST_28FLT-SM1-TB	DNI
D60	B	42.0000	5.6500	6B5	-	-	-	650138601	MTS_MA21D3800LS0	-
D111	B	74.5000	48.2500	7B2	-	-	-	650029901	MTS_MA2711100LS0	-
D2120	A	60.9000	76.9500	23D7	-	-	-	650128501	SCG_MM5Z47VT1	-
D2121	A	37.2500	78.0500	23C7	-	-	-	650127801	MTS_MA2D0620MLS0	-
D2171	B	60.2500	80.6500	23D2	-	-	-	650090901	MTS_MA22D1700LS0	-
D2175	A	62.5500	83.8500	23C3	-	-	-	650113201	SCG_MM5Z5V1ST1	-
D2310	A	8.9000	81.8000	25D4	-	-	-	650056201	NEC_NSAD500S-T1	-
D2430	A	73.1000	73.9000	26D3	-	-	-	871908171	TSB_DF8A6.8FK(TE85R)	-
D2431	A	64.6750	80.6500	26D4	-	-	-	650127801	MTS_MA2D0620MLS0	-
D2630	A	131.9000	61.0500	28C6	-	-	-	650143101	MTS_MAU2D3000BS0	-
D2630	A	131.9000	61.0500	28C6	-	-	-	650127201	ROM_RB520CS-30T2R	Alt D2630
D2910	A	125.9000	7.1500	29C8	-	-	-	650029901	MTS_MA2711100LS0	-
D3900	B	22.0000	75.5500	30B7	-	-	-	650029901	MTS_MA2711100LS0	-
D3950	A	31.2000	71.5500	30D3	-	-	-	650138601	MTS_MA21D3800LS0	-
D3951	B	26.6000	75.2500	30E4	-	-	-	650081301	MTS_MA2SD32008S0	-
D3952	A	31.2000	73.4000	30D2	-	-	-	650138601	MA21D3800LS0	DNI
D3970	B	30.8000	61.7500	30F6	-	-	-	650143101	MTS_MAU2D3000BS0	-
D3970	B	30.8000	61.7500	30F6	-	-	-	650127201	ROM_RB520CS-30T2R	Alt D3970
D3991	B	20.9500	77.3000	30A7	-	-	-	650029901	MTS_MA2711100LS0	-
D4101	B	41.1500	21.5000	31E5	-	-	-	650081301	MTS_MA2SD32008S0	-
D4102	B	46.4500	27.4000	31E4	-	-	-	650081301	MTS_MA2SD32008S0	-
D4104	B	40.5000	23.3500	31E5	-	-	-	650029901	MTS_MA2711100LS0	-
D4141	B	38.4000	32.8000	31C5	-	-	-	650031401	ROM_DAN222MT2L	-
D4142	B	39.1500	36.4500	31B5	-	-	-	650143101	MTS_MAU2D3000BS0	-
D4142	B	39.1500	36.4500	31B5	-	-	-	650127201	ROM_RB520CS-30T2R	Alt D4142
D4150	B	38.7500	38.6000	31B7	-	-	-	650029901	MTS_MA2711100LS0	-
D4300	B	65.1000	3.7500	33D6	-	-	-	650138601	MTS_MA21D3800LS0	-
D4301	B	90.5500	6.0500	33B6	-	-	-	650029901	MTS_MA2711100LS0	-
D4303	B	78.6500	15.9500	33D2	-	-	-	650138601	MTS_MA21D3800LS0	-
D4311	B	91.3500	1.6500	33A6	-	-	-	650029901	MTS_MA2711100LS0	-
D4320	B	80.8500	10.7500	33F4	-	-	-	650031401	ROM_DAN222MT2L	-
D4321	B	80.3000	1.8500	33D5	-	-	-	650029901	MTS_MA2711100LS0	-
D4351	B	99.7500	0.8000	33B8	-	-	-	650029901	MTS_MA2711100LS0	-
D4352	B	99.7500	2.2500	33A7	-	-	-	650127801	MTS_MA2D0620MLS0	-

Ref.No.	A/B	X-coordinate Value	Y-coordinate Value	Schamatics Diagram Address	Value	Rating	Tol.	Part No.	Description	Notes
D4411	B	72.8500	27.7000	34D1	-	-	-	650143101	MTS_MAU2D3000BS0	-
D4411	B	72.8500	27.7000	34D1	-	-	-	650127201	ROM_RB520CS-30T2R	Alt D4411
D4412	B	64.6500	30.5500	34C1	-	-	-	650143101	MTS_MAU2D3000BS0	-
D4412	B	64.6500	30.5500	34C1	-	-	-	650127201	ROM_RB520CS-30T2R	Alt D4412
D4413	B	72.6000	29.8500	34C1	-	-	-	650143101	MTS_MAU2D3000BS0	-
D4413	B	72.6000	29.8500	34C1	-	-	-	650127201	ROM_RB520CS-30T2R	Alt D4413
D4414	B	65.9000	30.9500	34B1	-	-	-	650081301	MTS_MA2SD32008S0	-
D4415	B	62.1500	27.3000	34B1	-	-	-	650081301	MTS_MA2SD32008S0	-
D4421	B	62.7000	43.6000	34E7	-	-	-	650127901	MTS_MAZD0910MLS0	-
D4521	B	58.0500	54.7500	35C3	-	-	-	650143101	MTS_MAU2D3000BS0	-
D4521	B	58.0500	54.7500	35C3	-	-	-	650127201	ROM_RB520CS-30T2R	Alt D4521
D4531	B	65.9000	53.0500	35B3	-	-	-	650143101	MTS_MAU2D3000BS0	-
D4531	B	65.9000	53.0500	35B3	-	-	-	650127201	ROM_RB520CS-30T2R	Alt D4531
D4551	B	55.7000	51.3500	35E3	-	-	-	650143101	MTS_MAU2D3000BS0	-
D4551	B	55.7000	51.3500	35E3	-	-	-	650127201	ROM_RB520CS-30T2R	Alt D4551
D4607	A	128.2000	70.2000	36C2	-	-	-	650029901	MTS_MA2711100LS0	-
D4611	A	124.0000	74.1000	36E5	-	-	-	650029901	MTS_MA2711100LS0	-
D4621	A	130.5000	70.2000	36C7	-	-	-	650029901	MTS_MA2711100LS0	-
D4622	A	129.3500	70.2000	36C7	-	-	-	650029901	MTS_MA2711100LS0	-
D4623	A	131.5000	68.2500	36B7	-	-	-	650031401	ROM_DAN222MT2L	-
D4624	A	132.2000	70.1500	36C7	-	-	-	650031401	ROM_DAN222MT2L	-
D4640	A	128.8000	66.0000	36B3	-	-	-	650143101	MAU2D3000BS0	DNI
D4641	A	121.4000	74.1000	36E5	-	-	-	650143101	MTS_MAU2D3000BS0	-
D4641	A	121.4000	74.1000	36E5	-	-	-	650127201	ROM_RB520CS-30T2R	Alt D4641
D4642	A	122.7000	74.1000	36D6	-	-	-	650113201	SCG_MM5Z5V1ST1	-
D4645	A	125.3000	74.1000	36D5	-	-	-	650113201	SCG_MM5Z5V1ST1	-
D4700	B	71.3000	78.5000	37D6	-	-	-	650143101	MTS_MAU2D3000BS0	-
D4700	B	71.3000	78.5000	37D6	-	-	-	650127201	ROM_RB520CS-30T2R	Alt D4700
D4722	B	103.0000	76.3500	37C2	-	-	-	650029901	MTS_MA2711100LS0	-
D4731	B	78.4000	76.7000	37D5	-	-	-	650081301	MTS_MA2SD32008S0	-
D4770	A	116.0500	74.1000	37B2	-	-	-	650128201	MTS_MAZD36000LS0	-
D4771	B	98.8000	77.3500	37B2	-	-	-	650035201	SCG_MSQA6V1W5T2	-
D4782	B	81.3500	77.2000	37D8	-	-	-	650031401	ROM_DAN222MT2L	-
D4790	A	103.5500	74.1500	37F2	-	-	-	650106701	TSB_CMS05-TE12R	-
D4791	A	105.7000	73.2500	37E2	-	-	-	650128001	MTS_MAZD1800LLS0	-
D4801	A	9.4000	72.8500	38E6	-	-	-	650128201	MTS_MAZD36000LS0	-
D4802	A	18.4000	74.0000	38E5	-	-	-	650128601	MTS_MA22D3900LS0	-
D4803	B	25.6500	84.1500	38E4	-	-	-	650128001	MTS_MAZD1800LLS0	-
D4811	B	14.1000	78.8500	38B7	-	-	-	650031401	ROM_DAN222MT2L	-
D4822	B	19.1500	83.9000	38B7	-	-	-	650128001	MTS_MAZD1800LLS0	-
D4844	B	34.4000	83.3000	38D2	-	-	-	650031401	ROM_DAN222MT2L	-
D4901	B	80.0000	30.2500	39E6	-	-	-	650031401	ROM_DAN222MT2L	-
D4902	B	78.2500	30.2500	39E5	-	-	-	650031401	ROM_DAN222MT2L	-
D4903	B	81.5000	30.6500	39E4	-	-	-	650029901	MTS_MA2711100LS0	-
D4904	B	76.1500	33.4000	39E4	-	-	-	650031401	ROM_DAN222MT2L	-
D4905	B	74.4000	33.4000	39E3	-	-	-	650031401	ROM_DAN222MT2L	-
D4906	B	81.1500	44.6000	39D7	-	-	-	650127801	MTS_MAZD0620MLS0	-
D4914	B	76.4500	37.1000	39E3	-	-	-	650127801	MTS_MAZD0620MLS0	-
D4950	B	86.7500	36.2000	39B3	-	-	-	650143101	MTS_MAU2D3000BS0	-
D4950	B	86.7500	36.2000	39B3	-	-	-	650127201	ROM_RB520CS-30T2R	Alt D4950
D4971	B	122.3500	80.1000	39B6	-	-	-	650031401	ROM_DAN222MT2L	-
D4972	B	122.0500	78.0000	39A6	-	-	-	650031401	ROM_DAN222MT2L	-
D4973	B	123.4500	78.0000	39B5	-	-	-	650143101	MAU2D3000BS0	DNI
F2171	A	49.5500	79.3500							

*NOTE : [] [] []

Location
Schematic Diagram Sheet Number

DNI=Do Not Install ALT=Alternative VAR=Variable NS=Not Supplied

Table with columns: Ref.No., A/B, X-coordinate Value, Y-coordinate Value, Schematics Diagram Address, Value, Rating, Tol., Part No., Description, Notes. Contains parts like COMMON MODE CHOKE COIL, BEAD, FERRITE (CHIP), FERRITE, EMI, INDUCTOR, EMI FERRITE, etc.

Table with columns: Ref.No., A/B, X-coordinate Value, Y-coordinate Value, Schematics Diagram Address, Value, Rating, Tol., Part No., Description, Notes. Contains parts like SN74AHC1G00DCKR, BD6516F, SN74AHC1G08DCKR, etc.

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VGN-TX36C/TX36GP/TX36SP/TX37CP/TX37GP/TX37LP/TX37SP/
TX37TP/TX38CP/TX38HP/TX38P/TX38R/PX52B/TX72B/TX72PZ/
TX850FP/TX850P/TX92PS/TX92S (J/AM/EU/AO)

*NOTE : □ □ □ □

Location

Schematic Diagram Sheet Number

DNI=Do Not Install

ALT=Alternative

VAR=Variable

NS=Not Supplied

Ref.No.	A/B	X-coordinate Value	Y-coordinate Value	Schamatics Diagram Address	Value	Rating	Tol.	Part No.	Description	Notes
Q2157	B	49.9000	84.7000	23B5	-	-	-	872901517	NEC_2SC4783-T1L5/L6	-
Q2158	B	52.2000	84.7000	23B4	-	-	-	872901517	NEC_2SC4783-T1L5/L6	-
Q2159	B	57.1500	80.8500	23A7	-	-	-	655079501	TOSHIBA_RN1104FS	DNI
Q2171	A	61.4000	87.0000	23C2	-	-	-	655138401	NEC_2SK2857	-
Q2251	A	83.2500	4.1000	24E6	-	-	-	655013301	NEC_UPA1870GR(2)-9JG-E2	-
Q2251	A	83.2500	4.1000	24E6	-	-	-	655111901	FCD_FD2501N-NBDE006A	Alt Q2251
Q2252	A	86.9000	7.1250	24D5,24D7	-	-	-	655079001	TSB_SSM6N15FE(TE85R)	-
Q2411	A	68.3000	74.2500	26D6,26D6	-	-	-	655078401	TSB_RN2902FS(TPLR3)	-
Q2412	A	62.1000	79.4250	26C7,26D7	-	-	-	655078401	TSB_RN2902FS(TPLR3)	-
Q2421	A	64.9750	82.0500	26C6,26B6	-	-	-	655078401	TSB_RN2902FS(TPLR3)	-
Q2422	A	62.1000	82.3000	26B7,26A7	-	-	-	655078401	TSB_RN2902FS(TPLR3)	-
Q2500	A	108.6000	8.7000	27D2	-	-	-	655078901	TSB_SSM3K15FV(TPL3)	-
Q2610	A	131.9000	58.0000	28E6	-	-	-	655078901	TSB_SSM3K15FV(TPL3)	-
Q2620	A	130.2000	64.4000	28B7,28B6	-	-	-	655079001	TSB_SSM6N15FE(TE85R)	-
Q2900	A	120.7000	8.0500	29E7,29E7	-	-	-	655078601	TSB_RN4984FS(TPLR3)	-
Q2901	A	129.8500	6.5000	29D7	-	-	-	655079501	TSB_RN1104FS(TPL3)	-
Q2910	A	125.6500	3.6500	29C7,29C7	-	-	-	655078601	TSB_RN4984FS(TPLR3)	-
Q2920	A	122.3500	8.0000	29D7,29E7	-	-	-	655078401	TSB_RN2902FS(TPLR3)	-
Q3900	B	18.8000	62.8000	30B3,30B2	-	-	-	655079001	TSB_SSM6N15FE(TE85R)	-
Q3901	B	17.3000	73.4000	30A5,30C8	-	-	-	655079001	TSB_SSM6N15FE(TE85R)	-
Q3902	B	14.1500	68.3000	30D8	-	-	-	655078901	TSB_SSM3K15FV(TPL3)	-
Q3950	A	29.0000	76.1000	30E3	-	-	-	655153101	VSY_SI7806DN-T1-E3	-
Q3951	A	31.1500	68.6500	30D3	-	-	-	655152301	SCN_SI7114DN-T1-E3	-
Q4101	B	48.2750	5.3500	31E6	-	-	-	655080001	VSY_SI4830ADY-T1	-
Q4102	B	47.8250	18.3500	31E3	-	-	-	655080001	VSY_SI4830ADY-T1	-
Q4105	B	25.8000	30.9500	31D8,31D1	-	-	-	655079001	TSB_SSM6N15FE(TE85R)	-
Q4150	B	45.3500	41.4000	31B6	-	-	-	655078901	TSB_SSM3K15FV(TPL3)	-
Q4152	B	39.8500	40.9000	31A7	-	-	-	655023701	ROM_TRANSISTOR_2SC5658T2LQ/R	-
Q4153	B	42.7000	39.6500	31A5	-	-	-	655000301	SCG_NTHS5404T1	-
Q4153	B	42.7000	39.6500	31A5	-	-	-	655138501	SCN_SI5404BDC-T1-E3	Alt Q4153
Q4201	A	98.8000	80.0500	32B4,32C2	-	-	-	655079001	TSB_SSM6N15FE(TE85R)	-
Q4300	B	70.8000	3.2000	33E6	-	-	-	655152301	SCN_SI7114DN-T1-E3	-
Q4301	B	67.4500	4.0500	33D6	-	-	-	655108301	TSB_TPCF8001(TE85R)	-
Q4302	B	76.9500	13.0500	33E3	-	-	-	655153101	VSY_SI7806DN-T1-E3	-
Q4303	B	76.7000	19.0000	33D3	-	-	-	655152301	SCN_SI7114DN-T1-E3	-
Q4310	B	89.9500	2.1000	33C3,33C6	-	-	-	655079601	TSB_RN1904FS(TPLR3)	-
Q4371	B	77.4500	1.7000	33F6,33D5	-	-	-	655079001	TSB_SSM6N15FE(TE85R)	-
Q4391	B	90.0000	8.0000	33E4	-	-	-	655079101	TSB_SSM3J15FV(TPL3)	-
Q4401	B	64.0000	23.7000	34B6,34D6	-	-	-	655085901	SCG_NTHD4508NT1G	-
Q4402	B	74.4000	24.5500	34B5	-	-	-	655013301	NEC_UPA1870GR(2)-9JG-E2	-
Q4402	B	74.4000	24.5500	34B5	-	-	-	655111901	FCD_FD2501N-NBDE006A	Alt Q4402
Q4411	B	84.2000	31.0000	34A6,34A4	-	-	-	655079001	TSB_SSM6N15FE(TE85R)	-
Q4412	B	80.1000	33.2000	34A7,34D7	-	-	-	655079001	TSB_SSM6N15FE(TE85R)	-
Q4432	B	60.0000	43.2000	34E7,34E7	-	-	-	655104101	TSB_RN4904(T5RSONY,D,F)	-
Q4433	B	59.6500	45.7500	34E7	-	-	-	655023701	ROM_TRANSISTOR_2SC5658T2LQ/R	-
Q4451	B	76.5000	43.5500	34E5	-	-	-	655078901	TSB_SSM3K15FV(TPL3)	-
Q4452	B	75.7000	39.9500	34F4,34F3	-	-	-	655085901	SCG_NTHD4508NT1G	-
Q4461	B	80.0000	39.9000	34D4	-	-	-	655000301	SCG_NTHS5404T1	-
Q4461	B	80.0000	39.9000	34D4	-	-	-	655138501	SCN_SI5404BDC-T1-E3	Alt Q4461
Q4462	B	84.2000	33.2000	34D4,34D5	-	-	-	655079001	TSB_SSM6N15FE(TE85R)	-
Q4501	B	62.7000	39.2000	35A7	-	-	-	655079501	TSB_RN1104FS(TPL3)	-
Q4601	A	130.3000	72.2500	36D7,36E7	-	-	-	655078601	TSB_RN4984FS(TPLR3)	-
Q4613	B	131.0000	72.4000	36D6,36C5	-	-	-	655079001	TSB_SSM6N15FE(TE85R)	-
Q4614	B	124.2500	76.6500	36D5	-	-	-	655140201	TSB_RN2104FS(TPL3)	-
Q4621	A	131.4000	66.7000	36B7,36C7	-	-	-	655078601	TSB_RN4984FS(TPLR3)	-
Q4622	A	131.9000	72.2000	36B7	-	-	-	655079501	TSB_RN1104FS(TPL3)	-
Q4623	A	126.8000	72.4000	36B6	-	-	-	655078901	TSB_SSM3K15FV(TPL3)	-
Q4640	A	121.4000	76.3500	36E5	-	-	-	655023701	ROM_TRANSISTOR_2SC5658T2LQ/R	-
Q4641	A	124.0000	76.3500	36E5	-	-	-	655023701	ROM_TRANSISTOR_2SC5658T2LQ/R	-
Q4650	B	128.8500	72.2000	36C3	-	-	-	655078901	TSB_SSM3K15FV(TPL3)	-
Q4702	A	100.6000	80.4500	37B3	-	-	-	655078901	TSB_SSM3K15FV(TPL3)	-

Ref.No.	A/B	X-coordinate Value	Y-coordinate Value	Schamatics Diagram Address	Value	Rating	Tol.	Part No.	Description	Notes
Q4712	A	93.3000	71.0500	37D4	-	-	-	655108301	TSB_TPCF8001(TE85R)	-
Q4713	A	89.0000	71.0500	37D4	-	-	-	655108301	TSB_TPCF8001(TE85R)	-
Q4720	B	70.2000	75.7000	37E7,37E7	-	-	-	655079001	TSB_SSM6N15FE(TE85R)	-
Q4781	B	83.1000	86.2000	37D7	-	-	-	655079101	TSB_SSM3J15FV(TPL3)	-
Q4782	B	81.0000	79.0500	37D7	-	-	-	655079501	TSB_RN1104FS(TPL3)	-
Q4792	A	110.0500	74.1500	37E2	-	-	-	655137201	TSB_TPC8112(TE12L,Q)	-
Q4792	A	110.0500	74.1500	37E2	-	-	-	655108001	NEC_UPA2716GR-E2-A	Alt Q4792
Q4793	B	105.9000	71.0500	37E3	-	-	-	655079101	TSB_SSM3J15FV(TPL3)	-
Q4801	B	28.0500	84.4000	38E4	-	-	-	655070801	TSB_TPCF8104(TE85R)	-
Q4802	B	31.6500	84.4000	38E3	-	-	-	655070801	TSB_TPCF8104(TE85R)	-
Q4805	B	12.7000	80.8500	38B6	-	-	-	655023701	ROM_TRANSISTOR_2SC5658T2LQ/R	-
Q4821	B	20.7000	78.9000	38B4,38C3	-	-	-	655079001	TSB_SSM6N15FE(TE85R)	-
Q4822	B	25.9000	78.9500	38D3,38D2	-	-	-	655104101	TSB_RN4904(T5RSONY,D,F)	-
Q4880	B	20.8000	82.3500	38D4	-	-	-	655079101	TSB_SSM3J15FV(TPL3)	-
Q4881	B	20.8000	80.8000	38D4	-	-	-	655079101	TSB_SSM3J15FV(TPL3)	-
Q4901	B	83.1000	42.5000	39B2,39D5	-	-	-	655079001	TSB_SSM6N15FE(TE85R)	-
Q4902	B	83.2000	45.1000	39D6	-	-	-	655023701	ROM_TRANSISTOR_2SC5658T2LQ/R	-
Q4975	A	122.1500	78.9000	39B6	-	-	-	655023701	ROM_TRANSISTOR_2SC5658T2LQ/R	-
R1	A	39.6500	36.9000	6D5	56	1/20W	5%	124068011	RES, CHIP 56 (0603)	-
R2	A	39.5500	35.4500	6D5	68	1/16W	5%	121893911	RES, CHIP 68	-
R3	A	2.9500	56.0500	6D5	150	1/20W	5%	124068511	RES, CHIP 150 (0603)	-
R5	A	2.9500	54.9500	6C5	680	1/20W	5%	124069311	RES, CHIP 680 (0603)	-
R30	A	9.3500	27.0500	6C4	1.0k	1/16W	0.5%	120868311	RES,METAL FILM CHIP 1.0K(1005)	-
R31	A	7.5500	27.0500	6C4	2.0k	1/16W	0.5%	120889411	RES, CHIP 2.0K (1005)	-
R32	A	30.7500	27.2500	6C3	1.0k	1/20W	5%	124069511	RES, CHIP 1K (0603)	DNI
R33	A	29.6500	27.2500	6C3	56	1/20W	5%	124068011	RES, CHIP 56 (0603)	-
R34	A	19.9000	27.0500	6C2	27	1/16W	0.5%	122088011	RES, CHIP 27 (1005)	-
R35	A	17.3500	27.0500	6C2	56	1/16W	0.5%	121893811	RES, CHIP 56	-
R36	A	16.8500	64.5000	6C2	27	1/16W	0.5%	122088011	RES, CHIP 27 (1005)	-
R37	A	15.6000	64.5000	6C2	56	1/16W	0.5%	121893811	RES, CHIP 56	-
R41	A	41.7000	61.4500	6B7	56	1/20W	5%	124068011	RES, CHIP 56 (0603)	-
R42	A	41.7000	60.8500	6B6	470	1/20W	5%	124069111	RES, CHIP 470 (0603)	-
R50	A	40.3500	42.2500	6E4	100k	1/20W	5%	124071811	RES, CHIP 100K (0603)	-
R60	B	43.3000	2.1000	6A5	100k	1/20W	5%	124071811	RES, CHIP 100K (0603)	-
R61	B	43.3000	3.5000	6A5	100	1/20W	5%	124068311	RES, CHIP 100 (0603)	-
R111	B	73.8500	49.8000	7B3	2.2k	1/16W	0.5%	120869111	RES,METAL FILM CHIP 2.2K(1005)	-
R220	B	50.7500	54.8000	8E7	1.0M	1/20W	5%	124072911	RES, CHIP 1M (0603)	DNI
R221	B	50.7500	55.9000	8E7	1.0k	1/20W	5%	124069511	RES, CHIP 1K (0603)	-
R230	B	50.4500	53.0500	8C5	10k	1/20W	5%	124070711	RES, CHIP 10K (0603)	-
R231	B	50.4500	50.2000	8C4	10k	1/20W	5%	124070711	RES, CHIP 10K (0603)	-
R232	B	50.4500	47.0000	8C4	10k	1/20W	5%	124070711	RES, CHIP 10K (0603)	-
R234	B	47.8500	44.2000	8C4	10k	1/20W	5%	124070711	RES, CHIP 10K (0603)	DNI
R235	B	50.1000	51.3000	8C5	10k	1/16W	5%	121896511	RES, CHIP 10K	DNI
R240	B	43.5000	56.1500	8E3	33	1/16W	5%	121893511	RES, CHIP 33	-
R241	B	42.5000	56.1500	8E3	33	1/16W	5%	121893511	RES, CHIP 33	-
R242	B	38.8500	47.8500	8D3	33	1/20W	5%	124067811	RES, CHIP 33 (0603)	-
R243	B	38.8500	47.2500	8D3	33	1/20W	5%	124067811	RES, CHIP 33 (0603)	-
R244	B	50.4500	52.4500	8C3	33	1/20W	5%	124067811	RES, CHIP 33 (0603)	-
R245	B	48.4500								

*NOTE : □ □ □ □

Location

Schematic Diagram Sheet Number

DNI=Do Not Install

ALT=Alternative

VAR=Variable

NS=Not Supplied

Ref.No.	A/B	X-coordinate Value	Y-coordinate Value	Schamatics Diagram Address	Value	Rating	Tol.	Part No.	Description	Notes
R314	B	56.0000	46.3500	9A7	15	1/16W	0.5%	122087411	RES, CHIP 15 (1005)	-
R315	B	56.0000	48.0500	9A7	10	1/16W	0.5%	120863511	RES, METAL FILM CHIP 10 (1005)	-
R321	A	46.8500	57.8000	9B6	220	1/16W	0.5%	121894511	RES, CHIP 220	-
R322	A	46.8500	57.0000	9B6	100	1/16W	0.5%	121894111	RES, CHIP 100	-
R323	B	54.5500	47.9500	9A6	220	1/16W	0.5%	121894511	RES, CHIP 220	-
R324	B	54.5500	47.1500	9A6	100	1/16W	0.5%	121894111	RES, CHIP 100	-
R331	B	75.5000	52.1500	9B5	47	1/16W	0.5%	120885511	RES, CHIP 47 (1005)	-
R332	B	75.5000	52.9500	9B5	33	1/16W	0.5%	120864711	RES, METAL FILM CHIP 33 (1005)	-
R334	B	73.2000	55.3500	9A5	47	1/16W	0.5%	120885511	RES, CHIP 47 (1005)	-
R335	B	72.4000	55.3500	9A5	33	1/16W	0.5%	120864711	RES, METAL FILM CHIP 33 (1005)	-
R340	B	57.4000	65.8000	9D4	10k	1/20W	5%	124070711	RES, CHIP 10K (0603)	-
R342	A	61.1500	74.2500	9D4	100	1/20W	5%	124068311	RES, CHIP 100 (0603)	-
R501	B	57.9500	66.8500	13E6	1.5k	1/16W	0.5%	120868711	RES, METAL FILM CHIP 1.5K(1005)	-
R510	A	60.7000	72.8500	13E4	10	1/16W	0.5%	120863511	RES, METAL FILM CHIP 10 (1005)	-
R511	A	61.5000	72.8500	13E3	15	1/16W	0.5%	122087411	RES, CHIP 15 (1005)	-
R512	B	57.9500	64.3500	13C4	220	1/16W	0.5%	121894511	RES, CHIP 220	-
R513	B	57.9500	63.3500	13C4	33	1/16W	0.5%	120864711	RES, METAL FILM CHIP 33 (1005)	-
R530	A	50.6500	72.3500	13E7	100k	1/20W	5%	124071811	RES, CHIP 100K (0603)	-
R532	B	56.4000	68.5000	13E7	100k	1/20W	5%	124071811	RES, CHIP 100K (0603)	DNI
R1280	B	117.9000	56.6500	15D7	200	1/20W	0.5%	124076711	RES, CHIP 200 (0603)	-
R1281	A	119.0000	56.6500	15D6	200	1/20W	0.5%	124076711	RES, CHIP 200 (0603)	-
R1290	B	117.9000	22.4500	15D3	200	1/20W	0.5%	124076711	RES, CHIP 200 (0603)	-
R1291	A	119.0000	22.4500	15D3	200	1/20W	0.5%	124076711	RES, CHIP 200 (0603)	-
R1300	B	78.0500	70.7500	19C6	1M	1/16W	5%	121898911	RES, CHIP 1M	-
R1301	B	79.7500	70.7500	19C6	150	1/16W	5%	121894311	RES, CHIP 150	-
R1311	B	74.2000	72.8500	19C6	6.2k	1/16W	0.5%	120870211	RES, METAL FILM CHIP 6.2K(1005)	-
R1312	B	74.2000	71.1500	19C6	150	1/16W	0.5%	120866311	RES, METAL FILM CHIP 150(1005)	-
R1321	B	72.8500	67.0000	19D4	56	1/16W	0.5%	121893811	RES, CHIP 56	-
R1322	B	72.8500	65.8000	19D4	56	1/16W	0.5%	121893811	RES, CHIP 56	-
R1323	B	72.8500	64.8000	19D4	56	1/16W	0.5%	121893811	RES, CHIP 56	-
R1324	B	72.8500	63.6000	19D4	56	1/16W	0.5%	121893811	RES, CHIP 56	-
R1325	B	72.8500	61.5500	19D4	4.7k	1/16W	0.5%	120869911	RES, METAL FILM CHIP 4.7K(1005)	-
R1326	B	71.5000	62.1500	19C4	220	1/16W	0.5%	121894511	RES, CHIP 220	-
R1400	A	79.1500	6.9750	16F7	10	1/16W	0.5%	120863511	RES, METAL FILM CHIP 10 (1005)	-
R1401	A	79.1500	7.7750	16F7	15	1/16W	0.5%	122087411	RES, CHIP 15 (1005)	-
R1403	A	75.7750	39.9500	16D3	1.0k	1/20W	5%	124069511	RES, CHIP 1K (0603)	-
R1425	A	74.5500	39.6500	16E6	22	1/16W	0.5%	120864311	RES, METAL FILM CHIP 22 (1005)	-
R1440	A	80.8000	6.2000	16F3	100k	1/20W	5%	124071811	RES, CHIP 100K (0603)	-
R1450	A	80.9000	7.6000	16A5	2.2k	1/20W	5%	124069911	RES, CHIP 2.2K (0603)	-
R1451	A	80.3000	7.6000	16A5	2.2k	1/20W	5%	124069911	RES, CHIP 2.2K (0603)	-
R1452	A	46.8000	6.4000	16A5	100k	1/20W	5%	124071811	RES, CHIP 100K (0603)	-
R1453	A	46.2000	6.4000	16A5	100k	1/20W	5%	124071811	RES, CHIP 100K (0603)	-
R1461	A	78.0000	7.5000	16C3	1.0k	1/20W	5%	124069511	RES, CHIP 1K (0603)	-
R1462	A	77.4000	7.5000	16C3	10k	1/20W	5%	124070711	RES, CHIP 10K (0603)	-
R1463	B	74.6000	5.5000	16B3	10k	1/20W	5%	124070711	RES, CHIP 10K (0603)	-
R1500	B	53.9000	36.7500	17C5	10M	1/10W	5%	121957011	RES, CHIP 10M (1608)	-
R1501	B	52.3000	36.0000	17C6	0	1A	-	121899011	CONDUCTOR, CHIP (1005)	-
R1504	A	41.4500	10.2500	17D5	10k	1/20W	5%	124070711	RES, CHIP 10K (0603)	DNI
R1505	A	41.4500	10.8500	17D5	10k	1/20W	5%	124070711	RES, CHIP 10K (0603)	-
R1506	A	42.4000	20.6500	17D5	10k	1/20W	5%	124070711	RES, CHIP 10K (0603)	-
R1507	A	43.5000	20.3500	17D5	10k	1/20W	5%	124070711	RES, CHIP 10K (0603)	DNI
R1512	B	53.4500	33.5000	17C6	1.0M	1/20W	5%	124072911	RES, CHIP 1M (0603)	-
R1520	B	51.5000	33.9500	17E4	22	1/16W	0.5%	120864311	RES, METAL FILM CHIP 22 (1005)	-
R1530	B	55.7500	30.5500	17D4	33	1/20W	5%	124067811	RES, CHIP 33 (0603)	-
R1531	B	55.1500	30.5500	17D4	33	1/20W	5%	124067811	RES, CHIP 33 (0603)	-
R1532	B	54.5500	30.5500	17D4	33	1/20W	5%	124067811	RES, CHIP 33 (0603)	-
R1533	B	53.9500	30.5500	17D4	33	1/20W	5%	124067811	RES, CHIP 33 (0603)	-
R1551	A	43.6500	9.8000	17C4	56	1/20W	5%	124068011	RES, CHIP 56 (0603)	-
R1553	A	41.4500	9.6500	17D4	10	1/20W	5%	124067211	RES, CHIP 10 (0603)	-
R1554	A	42.5500	9.8000	17C4	56	1/20W	5%	124068011	RES, CHIP 56 (0603)	-

Ref.No.	A/B	X-coordinate Value	Y-coordinate Value	Schamatics Diagram Address	Value	Rating	Tol.	Part No.	Description	Notes
R1560	B	57.9500	34.1000	17E1	10k	1/20W	5%	124070711	RES, CHIP 10K (0603)	VAR
R1561	B	57.3500	34.1000	17E1	10k	1/20W	5%	124070711	RES, CHIP 10K (0603)	Rep R1561 for 423_512
R1562	A	55.7500	6.0000	17E1	10k	1/20W	5%	124070711	RES, CHIP 10K (0603)	Rep R1562 for 423_512
R1563	A	56.3500	6.0000	17E1	10k	1/20W	5%	124070711	RES, CHIP 10K (0603)	VAR
R1564	B	57.9500	35.2000	17E1	10k	1/20W	5%	124070711	RES, CHIP 10K (0603)	-
R1565	B	57.3500	35.2000	17D1	10k	1/20W	5%	124070711	RES, CHIP 10K (0603)	DNI
R1570	A	40.0000	23.8000	17B2	47k	1/20W	5%	124071411	RES, CHIP 47K (0603)	-
R1590	A	81.5000	7.6000	17A7	1.0k	1/20W	5%	124069511	RES, CHIP 1K (0603)	-
R1701	B	79.6000	53.1500	20C5	100	1/20W	5%	124068311	RES, CHIP 100 (0603)	-
R1702	B	84.1500	52.9000	20C7	47k	1/20W	5%	124071411	RES, CHIP 47K (0603)	-
R1703	B	82.9500	52.9000	20C7	47k	1/20W	5%	124071411	RES, CHIP 47K (0603)	-
R1704	B	84.7500	52.9000	20C7	2.2k	1/20W	5%	124069911	RES, CHIP 2.2K (0603)	-
R1705	B	85.6500	52.9000	20C8	2.2k	1/20W	5%	124069911	RES, CHIP 2.2K (0603)	-
R1706	B	81.7000	73.0500	20C8	4.7k	1/20W	5%	124070311	RES, CHIP 4.7K (0603)	-
R1707	B	87.8500	52.9000	20B7	47k	1/20W	5%	124071411	RES, CHIP 47K (0603)	-
R1731	B	83.2500	71.4000	20E5	33	1/16W	5%	121893511	RES, CHIP 33	-
R1732	B	91.1000	66.3000	20D5	1.0k	1/20W	5%	124069511	RES, CHIP 1K (0603)	-
R1733	B	91.1000	65.2000	20D5	1.0k	1/20W	5%	124069511	RES, CHIP 1K (0603)	-
R1821	B	127.1000	24.0500	21D3	100k	1/20W	5%	124071811	RES, CHIP 100K (0603)	-
R1822	B	128.5000	17.9500	21D4	100k	1/20W	5%	124071811	RES, CHIP 100K (0603)	-
R1850	B	91.1000	64.1000	21D6	4.7k	1/20W	5%	124070311	RES, CHIP 4.7K (0603)	-
R1851	B	91.0000	61.2500	21D5	4.7k	1/20W	5%	124070311	RES, CHIP 4.7K (0603)	-
R1852	B	91.1000	56.6500	21D5	4.7k	1/20W	5%	124070311	RES, CHIP 4.7K (0603)	-
R1853	B	83.5500	52.9000	21D6	47k	1/20W	5%	124071411	RES, CHIP 47K (0603)	-
R1854	B	91.0000	58.1000	21C5	47	1/16W	5%	121893711	RES, CHIP 47	-
R1855	B	91.1000	53.5000	21C5	47	1/16W	5%	121893711	RES, CHIP 47	-
R1900	B	31.3000	78.3000	22C3	1M	1/16W	5%	121898911	RES, CHIP 1M	DNI
R1901	B	30.3000	78.3000	22C3	0	1A	-	121899011	CONDUCTOR, CHIP (1005)	-
R1910	B	42.3000	81.7500	22C7	1.0k	1/20W	5%	124069511	RES, CHIP 1K (0603)	-
R1911	B	51.8500	65.9000	22E6	100k	1/20W	5%	124071811	RES, CHIP 100K (0603)	DNI
R1917	B	32.5500	62.8000	22D7	10k	1/20W	5%	124070711	RES, CHIP 10K (0603)	-
R1920	B	41.0000	81.3500	22E3	4.7k	1/20W	5%	124070311	RES, CHIP 4.7K (0603)	-
R1921	B	41.6500	81.3500	22E3	4.7k	1/20W	5%	124070311	RES, CHIP 4.7K (0603)	-
R1922	B	31.4000	74.7000	22E2	4.7k	1/20W	5%	124070311	RES, CHIP 4.7K (0603)	-
R1923	B	31.4000	75.4000	22E2	4.7k	1/20W	5%	124070311	RES, CHIP 4.7K (0603)	-
R1930	B	48.5000	81.6000	22B2	10k	1/20W	5%	124070711	RES, CHIP 10K (0603)	DNI
R1931	B	47.4000	81.6000	22B2	10k	1/20W	5%	124070711	RES, CHIP 10K (0603)	-
R1990	B	51.8500	65.3000	22C8	10k	1/20W	5%	124070711	RES, CHIP 10K (0603)	-
R2111	B	41.7000	83.4500	23E3	100k	1/20W	5%	124071811	RES, CHIP 100K (0603)	-
R2112	B	40.5500	85.0500	23F2	150k	1/16W	5%	121897911	RES, CHIP 150K	-
R2113	B	39.8000	81.5000	23E1	100	1/16W	5%	121894111	RES, CHIP 100	-
R2120	A	39.2000	75.3500	23D7	8.2k	1/16W	0.5%	120890911	RES, CHIP 8.2K (1005)	-
R2121	A	39.2000	76.1500	23C7	15k	1/16W	0.5%	120871111	RES, METAL FILM CHIP 15K(1005)	-
R2122	A	38.0000	76.2000	23D7	100k	1/20W	5%	124071811	RES, CHIP 100K (0603)	-
R2123	A	40.6000	75.8000	23C7	6.8k	1/16W	0.5%	120870311	RES, METAL FILM CHIP 6.8K(1005)	-

*NOTE : □ □ □ □

Location

Schematic Diagram Sheet Number

DNI=Do Not Install

ALT=Alternative

VAR=Variable

NS=Not Supplied

Ref.No.	A/B	X-coordinate Value	Y-coordinate Value	Schamatics Diagram Address	Value	Rating	Tol.	Part No.	Description	Notes
R2251	A	89.8000	7.3000	24E6	150k	1/16W	5%	121897911	RES,CHIP150K	-
R2262	A	85.4500	6.5000	24D5	100	1/20W	5%	124068311	RES,CHIP 100 (0603)	-
R2330	A	80.8500	1.3000	25C4	1.0k	1/16W	0.5%	120868311	RES,METAL FILM CHIP 1.0K(1005)	-
R2411	A	69.5250	74.2750	26D5	100	1/16W	5%	121894111	RES,CHIP 100	-
R2412	A	67.1000	74.2500	26D5	330	1/16W	5%	121894711	RES,CHIP 330	-
R2413	A	65.7000	74.0000	26C5	270	1/16W	5%	121894611	RES,CHIP 270 (1005)	-
R2414	A	65.7000	74.8000	26C5	330	1/16W	5%	121894711	RES,CHIP 330	-
R2421	A	63.4000	82.2500	26B5	68	1/16W	5%	121893911	RES,CHIP 68	-
R2422	A	64.3500	79.7000	26B5	68	1/16W	5%	121893911	RES,CHIP 68	-
R2423	A	62.4500	81.0500	26B5	68	1/16W	5%	121893911	RES,CHIP 68	-
R2500	A	104.9500	7.2500	27D7	100k	1/20W	5%	124071811	RES,CHIP 100K (0603)	-
R2610	A	131.4000	59.6000	28D7	33	1/20W	5%	124067811	RES,CHIP 33 (0603)	-
R2620	A	131.3500	56.4000	28D7	33	1/20W	5%	124067811	RES,CHIP 33 (0603)	-
R2630	A	131.7500	62.4500	28C6	4.7k	1/20W	5%	124070311	RES,CHIP 4.7K (0603)	-
R2631	A	131.1500	62.4500	28C6	4.7k	1/20W	5%	124070311	RES,CHIP 4.7K (0603)	-
R2640	A	131.6500	64.2000	28C7	4.7k	1/20W	5%	124070311	RES,CHIP 4.7K (0603)	-
R2641	A	128.7500	64.6500	28B7	4.7k	1/20W	5%	124070311	RES,CHIP 4.7K (0603)	-
R2900	A	124.4000	6.6500	29E6	100	1/16W	5%	121894111	RES,CHIP 100	-
R2910	A	124.4000	5.0000	29C6	750	1/16W	0.5%	120888411	RES,CHIP 750 (1005)	-
R2911	A	125.7500	2.4000	29C7	10k	1/20W	5%	124070711	RES,CHIP 10K (0603)	-
R2912	A	125.8000	5.7000	29C8	4.7k	1/20W	5%	124070311	RES,CHIP 4.7K (0603)	-
R2920	A	124.4000	7.4500	29E6	330	1/16W	5%	121894711	RES,CHIP 330	-
R2921	A	124.4000	5.8000	29D6	100	1/16W	5%	121894111	RES,CHIP 100	-
R2960	A	110.5500	7.4500	29D4	10k	1/20W	5%	124070711	RES,CHIP 10K (0603)	-
R3900	B	19.4000	74.1000	30E5	10	1/20W	5%	124067211	RES,CHIP 10 (0603)	-
R3901	B	17.1000	70.4500	30D7	1.0k	1/16W	0.5%	120868311	RES,METAL FILM CHIP 1.0K(1005)	-
R3902	B	17.9000	70.4500	30D7	1.0k	1/16W	0.5%	120868311	RES,METAL FILM CHIP 1.0K(1005)	-
R3903	B	18.5000	68.3500	30D7	33k	1/16W	0.5%	120892311	RES,CHIP 33K (1005)	-
R3906	B	16.8000	68.3500	30D7	47k	1/16W	0.5%	120892711	RES,CHIP 47K (1005)	-
R3907	B	18.5000	69.1500	30C7	220k	1/16W	0.5%	120894311	RES,CHIP 220K (1005)	-
R3908	B	16.8000	69.1500	30C7	220k	1/16W	0.5%	120894311	RES,CHIP 220K (1005)	-
R3909	B	17.3000	75.2000	30B5	68	1/16W	5%	121893911	RES,CHIP 68	-
R3910	B	18.5000	67.5500	30C7	100k	1/16W	0.5%	120893511	RES,CHIP 100K (1005)	-
R3911	B	16.8000	67.5500	30C7	47k	1/16W	0.5%	120892711	RES,CHIP 47K (1005)	-
R3912	B	18.2500	66.6500	30C6	12k	1/16W	0.5%	120870911	RES,METALFILMCHIP12K(1005)	-
R3913	B	16.5500	66.6500	30C7	220	1/16W	0.5%	121894511	RES,CHIP 220	-
R3914	B	15.6000	65.7500	30C7	100	1/16W	5%	121894111	RES,CHIP 100	-
R3915	B	17.9000	64.7500	30C7	100	1/16W	5%	121894111	RES,CHIP 100	-
R3918	B	23.5000	74.9500	30B6	1.5k	1/16W	0.5%	120868711	RES,METALFILMCHIP1.5K(1005)	-
R3919	B	28.1000	65.2500	30B5	10k	1/20W	5%	124070711	RES,CHIP 10K (0603)	-
R3920	B	16.1000	63.2500	30B3	100k	1/20W	5%	124071811	RES,CHIP 100K (0603)	-
R3921	B	23.2000	63.4000	30C4	10	1/20W	5%	124067211	RES,CHIP 10 (0603)	-
R3922	B	23.8000	63.4000	30C4	10	1/20W	5%	124067211	RES,CHIP 10 (0603)	-
R3923	B	15.5000	69.6000	30C7	180k	1/16W	0.5%	120894111	RES,CHIP 180K (1005)	-
R3924	B	15.5000	67.9000	30D7	82k	1/16W	0.5%	120893311	RES,CHIP 82K (1005)	-
R3931	B	22.0000	73.4000	30B7	0	1A	-	169453511	CONDUCTOR,CHIP (0603)	-
R3932	B	22.6000	73.4000	30A7	1.0M	1/20W	5%	124072911	RES,CHIP 1M (0603)	-
R3933	B	16.5500	64.4500	30C7	27	1/16W	0.5%	122088011	RES,CHIP 27 (1005)	DNI
R3934	B	13.9500	66.2000	30C7	27	1/16W	0.5%	122088011	RES,CHIP 27 (1005)	DNI
R3940	B	22.0000	63.4500	30C5	47	1/16W	0.5%	120885511	RES,CHIP 47 (1005)	DNI
R3941	B	22.0000	62.6500	30C5	27k	1/16W	0.5%	121897011	RES,CHIP 27K	DNI
R3950	A	30.9000	65.6500	30D2	0.002	1/2W	1%	124608911	RES,METALPLATE 0.002 (3216)	-
R3951	B	23.5000	73.3000	30D5	3.3	1/16W	5%	122080211	RES,CHIP 3.3	-
R3952	B	20.5000	75.9000	30E3	2.2k	1/16W	0.5%	120869111	RES,METALFILMCHIP2.2K(1005)	-
R3953	A	20.9000	64.1000	30C1	2.2k	1/20W	5%	124069911	RES,CHIP 2.2K (0603)	-
R3954	B	51.5000	64.4000	30E7	470	1/20W	5%	124069111	RES,CHIP 470 (0603)	-
R3970	B	29.8500	61.7500	30F6	68k	1/16W	0.5%	120893111	RES,CHIP 68K (1005)	-
R3990	B	21.4000	73.4000	30B6	100k	1/20W	5%	124071811	RES,CHIP 100K (0603)	-
R4101	B	38.6500	28.7500	31D6	2.2k	1/16W	0.5%	120869111	RES,METALFILMCHIP2.2K(1005)	-
R4102	B	38.1500	30.0000	31D6	2.2k	1/16W	0.5%	120871511	RES,METALFILMCHIP2.2K(1005)	-
R4103	B	38.9500	30.0000	31C6	22k	1/16W	0.5%	120871511	RES,METALFILMCHIP22K(1005)	-

Ref.No.	A/B	X-coordinate Value	Y-coordinate Value	Schamatics Diagram Address	Value	Rating	Tol.	Part No.	Description	Notes
R4104	B	39.3000	31.2500	31D6	2.0k	1/16W	0.5%	120889411	RES,CHIP 2.0K (1005)	-
R4105	B	51.6000	13.6500	31D6	2.0k	1/16W	0.5%	120889411	RES,CHIP 2.0K (1005)	-
R4106	B	45.9000	35.0500	31D6	68k	1/16W	0.5%	120893111	RES,CHIP 68K (1005)	-
R4108	B	45.4500	36.3000	31C6	100k	1/16W	0.5%	120893511	RES,CHIP 100K (1005)	-
R4109	B	46.7000	35.0500	31D5	33k	1/16W	0.5%	120892311	RES,CHIP 33K (1005)	-
R4111	B	47.1500	36.3000	31C5	100k	1/16W	0.5%	120893511	RES,CHIP 100K (1005)	-
R4112	B	41.6000	27.1000	31E5	6.8	1/16W	5%	124058211	RES,CHIP 6.8 (1005)	-
R4113	B	42.6000	35.8500	31E4	10	1/16W	0.5%	120863511	RES,METALFILMCHIP10(1005)	-
R4114	B	47.4000	28.6500	31E4	6.8	1/16W	5%	124058211	RES,CHIP 6.8 (1005)	-
R4121	B	48.0500	30.2500	31D3	1.0k	1/16W	0.5%	120868311	RES,METALFILMCHIP1.0K(1005)	-
R4122	B	48.5500	31.5000	31D3	10k	1/16W	0.5%	120891111	RES,CHIP 10K (1005)	-
R4123	B	47.7500	31.5000	31C3	22k	1/16W	0.5%	120871511	RES,METALFILMCHIP22K(1005)	-
R4124	B	62.4500	16.8500	31D3	2.0k	1/16W	0.5%	120889411	RES,CHIP 2.0K (1005)	-
R4125	B	47.4000	32.7500	31D4	2.0k	1/16W	0.5%	120889411	RES,CHIP 2.0K (1005)	-
R4126	B	42.6000	34.7000	31D4	10k	1/20W	5%	124070711	RES,CHIP 10K (0603)	DNI
R4127	B	40.1000	35.2500	31D4	10k	1/20W	5%	124070711	RES,CHIP 10K (0603)	-
R4129	B	43.2000	34.7000	31D4	10k	1/20W	5%	124070711	RES,CHIP 10K (0603)	-
R4130	B	40.9500	35.0000	31C5	10k	1/20W	5%	124070711	RES,CHIP 10K (0603)	-
R4133	B	39.8500	33.6500	31C5	10k	1/20W	5%	124070711	RES,CHIP 10K (0603)	-
R4134	B	39.8500	32.5500	31C5	10k	1/20W	5%	124070711	RES,CHIP 10K (0603)	-
R4135	B	40.9500	35.5500	31C4	10k	1/20W	5%	124070711	RES,CHIP 10K (0603)	DNI
R4150	B	39.0500	39.5500	31B7	150k	1/16W	0.5%	120893911	RES,CHIP 150K (1005)	-
R4151	B	37.9500	41.4000	31A7	680	1/20W	5%	124069311	RES,CHIP 680 (0603)	-
R4152	B	37.9500	40.8000	31A7	10k	1/20W	5%	124070711	RES,CHIP 10K (0603)	-
R4153	B	45.8000	39.1500	31B6	150k	1/16W	0.5%	120893911	RES,CHIP 150K (1005)	-
R4181	B	60.9500	1.4000	31D7	2.2k	1/20W	5%	124069911	RES,CHIP 2.2K (0603)	-
R4182	B	25.8000	29.3000	31D8	47	1/16W	5%	121893711	RES,CHIP 47	-
R4183	B	44.5250	21.2500	31C2	2.2k	1/20W	5%	124069911	RES,CHIP 2.2K (0603)	-
R4184	B	27.4000	31.2500	31D1	22	1/16W	5%	121893311	RES,CHIP 22	-
R4185	B	41.8000	34.9000	31D4	10k	1/20W	5%	124070711	RES,CHIP 10K (0603)	DNI
R4230	B	85.0000	38.3500	32E4	2.2k	1/20W	5%	124069911	RES,CHIP 2.2K (0603)	-
R4251	A	99.8000	78.4000	32C2	100	1/16W	5%	121894111	RES,CHIP 100	-
R4261	B	82.2500	80.9500	32C7	10	1/20W	5%	124067211	RES,CHIP 10 (0603)	-
R4262	B	83.0500	76.9500	32B7	68k	1/16W	0.5%	120893111	RES,CHIP 68K (1005)	-
R4263	B	83.8500	76.9500	32B6	300k	1/16W	0.5%	120894611	RES,CHIP 300K (1005)	DNI
R4264	B	91.6500	83.3500	32B4	2.2k	1/20W	5%	124069911	RES,CHIP 2.2K (0603)	-
R4265	A	97.8000	81.7000	32B4	47	1/16W	5%	121893711	RES,CHIP 47	-
R4266	B	87.2000	84.2000	32C5	12k	1/16W	0.5%	120870911	RES,METALFILMCHIP12K(1005)	-
R4267	B	85.9500	84.6000	32B5	1.2k	1/16W	0.5%	121884911	RES,CHIP 1.2K (1608)	-
R4268	B	84.2500	84.6000	32B5	20k	1/16W	0.5%	120891811	RES,CHIP 20K (1005)	-
R4301	B	64.9000	19.9000	33D7	0.008	1/2W	1%	124608611	RES,METALPLATE 0.008 (3216)	-
R4302	B	86.3500	0.9500	33C7	390	1/16W	0.5%	121894811	RES,CHIP 390	-
R4303	B	86.7500	2.1500	33C7	22k	1/16W	0.5%	120871511	RES,METALFILMCHIP22K(1005)	-
R4304	B	85.9500	2.1500	33C7						

*NOTE : □ □ □ □

Location

Schematic Diagram Sheet Number

DNI=Do Not Install

ALT=Alternative

VAR=Variable

NS=Not Supplied

Ref.No.	A/B	X-coordinate Value	Y-coordinate Value	Schamatics Diagram Address	Value	Rating	Tol.	Part No.	Description	Notes
R4352	B	97.2500	2.0500	33A7	47k	1/16W	0.5%	120892711	RES, CHIP 47K (1005)	-
R4372	B	77.6000	3.6500	33E5	100k	1/20W	5%	124071811	RES, CHIP 100K (0603)	-
R4373	B	78.9000	10.6000	33E5	1k	1/10W	5%	121682111	RES, CHIP 1.0K (1608)	-
R4374	B	78.9000	9.3000	33E5	1k	1/10W	5%	121682111	RES, CHIP 1.0K (1608)	-
R4375	B	78.9000	8.0000	33E5	1k	1/10W	5%	121682111	RES, CHIP 1.0K (1608)	-
R4380	B	63.5500	26.4500	33D8	2.2k	1/20W	5%	124069911	RES, CHIP 2.2K (0603)	-
R4381	B	69.8500	26.4500	33D1	2.2k	1/20W	5%	124069911	RES, CHIP 2.2K (0603)	-
R4391	B	88.2000	11.7000	33D4	2.2k	1/16W	0.5%	120871511	RES, METALFILMCHIP22K(1005)	-
R4392	B	87.7500	10.5000	33D4	1.0k	1/16W	0.5%	120868311	RES, METALFILMCHIP1.0K(1005)	-
R4393	B	88.5500	10.5000	33D4	10k	1/16W	0.5%	120891111	RES, CHIP 10K (1005)	-
R4394	B	88.6500	8.0000	33E4	2.2k	1/20W	5%	124069911	RES, CHIP 2.2K (0603)	-
R4401	B	81.7500	33.2000	34B7	150k	1/16W	0.5%	120893911	RES, CHIP 150K (1005)	-
R4402	B	90.1500	25.2500	34B6	470	1/16W	0.5%	120867511	RES, METALFILMCHIP470(1005)	-
R4404	B	67.9500	25.6000	34B4	100	1/16W	5%	121894111	RES, CHIP 100	-
R4411	B	64.6500	26.4500	34D2	100	1/20W	5%	124068311	RES, CHIP 100 (0603)	-
R4412	B	64.9000	29.1000	34C2	100	1/20W	5%	124068311	RES, CHIP 100 (0603)	-
R4413	B	71.4000	29.4250	34C2	100	1/20W	5%	124068311	RES, CHIP 100 (0603)	-
R4433	B	62.0500	42.1000	34E7	33k	1/20W	5%	124071311	RES, CHIP 33K (0603)	-
R4434	B	60.3500	47.0500	34E7	1.0M	1/20W	5%	124072911	RES, CHIP 1M (0603)	-
R4435	B	58.1500	43.6000	34E7	470k	1/20W	5%	124072611	RES, CHIP 470K (0603)	-
R4451	B	76.4500	42.2500	34F5	150k	1/16W	0.5%	120893911	RES, CHIP 150K (1005)	-
R4461	B	79.8000	35.6000	34D7	150k	1/16W	0.5%	120893911	RES, CHIP 150K (1005)	-
R4462	B	90.9500	25.2500	34D5	100	1/16W	5%	121894111	RES, CHIP 100	-
R4464	B	81.9000	39.6000	34D4	100	1/16W	5%	121894111	RES, CHIP 100	-
R4500	B	61.8000	37.7500	35D7	100k	1/20W	5%	124071811	RES, CHIP 100K (0603)	-
R4501	B	62.7000	37.7500	35B7	100k	1/20W	5%	124071811	RES, CHIP 100K (0603)	-
R4510	B	62.8000	40.9500	35C6	100k	1/16W	0.5%	120893511	RES, CHIP 100K (1005)	-
R4521	B	58.1500	49.6000	35D4	100k	1/20W	5%	124071811	RES, CHIP 100K (0603)	-
R4522	B	57.6500	55.9000	35C3	100k	1/20W	5%	124071811	RES, CHIP 100K (0603)	-
R4523	B	58.4500	55.9000	35C3	1.0k	1/20W	5%	124069511	RES, CHIP 1K (0603)	-
R4531	B	63.4000	49.6000	35B4	100k	1/20W	5%	124071811	RES, CHIP 100K (0603)	-
R4532	B	66.2000	51.6500	35B3	100k	1/20W	5%	124071811	RES, CHIP 100K (0603)	-
R4533	B	65.6000	51.6500	35B3	1.0k	1/20W	5%	124069511	RES, CHIP 1K (0603)	-
R4551	B	60.0000	51.3000	35F4	100k	1/20W	5%	124071811	RES, CHIP 100K (0603)	-
R4552	B	56.0000	52.7500	35E3	220k	1/20W	5%	124072211	RES, CHIP 220K (0603)	-
R4553	B	55.4000	52.7500	35E3	1.0k	1/20W	5%	124069511	RES, CHIP 1K (0603)	-
R4601	A	129.1000	71.9500	36E7	10k	1/20W	5%	124070711	RES, CHIP 10K (0603)	-
R4602	A	128.5000	71.9500	36E7	47k	1/20W	5%	124071411	RES, CHIP 47K (0603)	-
R4611	B	120.8500	72.6000	36E3	4.7k	1/16W	0.5%	120869911	RES, METALFILMCHIP4.7K(1005)	-
R4612	B	120.8500	71.8000	36E3	47k	1/16W	0.5%	120892711	RES, CHIP 47K (1005)	-
R4631	B	122.5500	76.5500	36C4	47	1/16W	0.5%	120865511	RES, CHIP 47 (1005)	-
R4639	B	127.9000	75.5500	36C5	27k	1/16W	0.5%	121897011	RES, CHIP 27K	-
R4640	B	120.8500	71.0000	36D3	27k	1/16W	0.5%	121897011	RES, CHIP 27K	-
R4641	B	119.1500	71.0000	36C3	4.7k	1/16W	0.5%	120869911	RES, METALFILMCHIP4.7K(1005)	-
R4644	A	128.8500	68.3500	36C2	33k	1/20W	5%	124071311	RES, CHIP 33K (0603)	-
R4645	A	128.2500	68.3500	36C2	220k	1/20W	5%	124072211	RES, CHIP 220K (0603)	-
R4647	B	129.5000	75.5500	36C5	47k	1/16W	0.5%	120892711	RES, CHIP 47K (1005)	-
R4648	B	124.2500	75.7500	36D6	220k	1/16W	0.5%	120894311	RES, CHIP 220K (1005)	-
R4651	B	128.3000	70.6000	36C3	47k	1/16W	0.5%	120892711	RES, CHIP 47K (1005)	-
R4653	B	123.4000	70.1500	36C3	100k	1/16W	0.5%	120893511	RES, CHIP 100K (1005)	-
R4654	B	125.3000	70.1500	36C3	100k	1/16W	0.5%	120893511	RES, CHIP 100K (1005)	-
R4661	B	121.1500	76.2000	36E4	100k	1/16W	0.5%	120893511	RES, CHIP 100K (1005)	-
R4662	B	120.3500	76.2000	36E4	4.7k	1/16W	0.5%	120869911	RES, METALFILMCHIP4.7K(1005)	-
R4663	A	122.7000	76.2000	36E6	3.9k	1/16W	5%	121896011	RES, CHIP 3.9K	-
R4664	A	125.3000	76.2000	36E5	47k	1/16W	0.5%	120892711	RES, CHIP 47K (1005)	-
R4665	B	119.5500	76.2000	36D4	6.8k	1/16W	0.5%	120870311	RES, METALFILMCHIP6.8K(1005)	-
R4671	A	132.8000	67.6000	36C7	10k	1/20W	5%	124070711	RES, CHIP 10K (0603)	-
R4672	A	132.8000	68.8000	36C7	47k	1/20W	5%	124071411	RES, CHIP 47K (0603)	-
R4681	B	127.5000	73.4000	36B4	10k	1/16W	0.5%	120891111	RES, CHIP 10K (1005)	-
R4682	B	128.8000	73.3500	36B4	220k	1/16W	0.5%	120894311	RES, CHIP 220K (1005)	-
R4695	B	127.5000	72.0000	36D3	10	1/20W	5%	124067211	RES, CHIP 10 (0603)	-

Ref.No.	A/B	X-coordinate Value	Y-coordinate Value	Schamatics Diagram Address	Value	Rating	Tol.	Part No.	Description	Notes
R4702	B	73.0500	78.1000	37D6	4.7	1/16W	5%	122080311	RES, CHIP 4.7	-
R4703	B	81.1000	82.6000	37D5	100k	1/20W	5%	124071811	RES, CHIP 100K (0603)	-
R4704	B	77.9000	85.3000	37D7	470	1/16W	0.5%	120867511	RES, METALFILMCHIP470(1005)	-
R4705	B	78.7000	85.3000	37D7	6.8k	1/16W	0.5%	120870311	RES, METALFILMCHIP6.8K(1005)	-
R4706	B	79.5000	85.3000	37C7	20k	1/16W	0.5%	120891811	RES, CHIP 20K (1005)	-
R4707	B	72.7500	83.8500	37C7	4.7k	1/20W	5%	124070311	RES, CHIP 4.7K (0603)	-
R4708	B	77.1000	85.3000	37D7	20k	1/16W	0.5%	120891811	RES, CHIP 20K (1005)	-
R4710	A	101.0500	73.4000	37E6	0	1A	-	121899011	CONDUCTOR, CHIP (1005)	-
R4711	A	100.1500	73.4000	37E5	10	1/16W	0.5%	120863511	RES, METALFILMCHIP10(1005)	-
R4713	B	73.4000	74.9500	37E6	10k	1/16W	0.5%	120891111	RES, CHIP 10K (1005)	-
R4714	B	72.6000	74.9500	37E7	1.5k	1/16W	0.5%	120868711	RES, METALFILMCHIP1.5K(1005)	-
R4715	B	71.1500	82.2500	37B6	27k	1/16W	0.5%	121897011	RES, CHIP 27K	-
R4716	B	71.1500	81.4500	37B6	22k	1/16W	0.5%	120871511	RES, METALFILMCHIP22K(1005)	-
R4719	B	71.1500	83.0500	37C6	0	1A	-	121899011	CONDUCTOR, CHIP (1005)	-
R4722	B	69.2000	77.4000	37E7	100k	1/20W	5%	124071811	RES, CHIP 100K (0603)	-
R4723	B	73.5000	76.2000	37F6	10k	1/16W	0.5%	120891111	RES, CHIP 10K (1005)	-
R4724	B	71.8000	75.7500	37F7	2.2k	1/16W	0.5%	120869111	RES, METALFILMCHIP2.2K(1005)	-
R4730	A	92.5500	81.9000	37C3	0.022	15W	1%	124545421	RES, METAL FILM 0.022 (1608)	-
R4733	B	80.2500	76.8000	37E4	33	1/20W	5%	124067811	RES, CHIP 33 (0603)	-
R4734	A	91.1500	71.6500	37D5	10	1/16W	0.5%	120863511	RES, METALFILMCHIP10(1005)	-
R4740	A	99.9500	76.1000	37F6	0.012	12W	1%	124601211	RES, METAL PLATE 0.012 (3216)	-
R4741	B	101.8500	77.0500	37E5	2.2k	1/20W	5%	124069911	RES, CHIP 2.2K (0603)	-
R4742	B	101.8500	76.4500	37E5	2.2k	1/20W	5%	124069911	RES, CHIP 2.2K (0603)	-
R4750	A	116.7000	72.7000	37E1	2.2k	1/20W	5%	124069911	RES, CHIP 2.2K (0603)	-
R4751	B	106.1500	69.7000	37E3	4.7k	1/20W	5%	124070311	RES, CHIP 4.7K (0603)	-
R4752	B	104.5000	71.6000	37E2	4.7k	1/20W	5%	124070311	RES, CHIP 4.7K (0603)	-
R4762	B	101.5000	75.7500	37C2	1.2k	1/16W	0.5%	121884911	RES, CHIP 1.2K (1608)	-
R4770	B	96.5000	76.4000	37B3	100	1/20W	5%	124068311	RES, CHIP 100 (0603)	-
R4771	B	96.5000	77.0000	37B3	100	1/20W	5%	124068311	RES, CHIP 100 (0603)	-
R4772	B	96.5000	77.6000	37B3	100	1/20W	5%	124068311	RES, CHIP 100 (0603)	-
R4773	A	100.6000	79.1000	37B3	1.0k	1/20W	5%	124069511	RES, CHIP 1K (0603)	-
R4781	B	82.2500	82.4000	37D7	33k	1/16W	0.5%	120892311	RES, CHIP 33K (1005)	-
R4782	B	82.2500	83.2000	37D7	3.9k	1/16W	0.5%	120869711	RES, METALFILMCHIP3.9K(1005)	-
R4783	B	81.8500	85.2500	37D7	20k	1/16W	0.5%	120891811	RES, CHIP 20K (1005)	-
R4784	B	81.0500	86.0000	37C7	15k	1/16W	0.5%	120871111	RES, METALFILMCHIP15K(1005)	-
R4785	B	82.8500	84.9000	37D7	47k	1/20W	5%	124071411	RES, CHIP 47K (0603)	-
R4786	B	82.2500	84.0000	37D7	4.7k	1/16W	0.5%	120869911	RES, METALFILMCHIP4.7K(1005)	-
R4791	B	75.4500	85.0000	37C7	470k	1/20W	5%	124072611	RES, CHIP 470K (0603)	-
R4792	B	75.7500	85.8500	37C8	100k	1/20W	5%	124071811	RES, CHIP 100K (0603)	-
R4801	B	24.5500	84.7500	38E4	22k	1/16W	0.5%	120871511	RES, METALFILMCHIP22K(1005)	-
R4802	B	24.5500	83.0500	38E4	8.2k	1/16W	5%	121896411	RES, CHIP 8.2K	-
R4806	B	33.9500	84.9500	38E2	22k	1/16W	0.5%	120871511	RES, METALFILMCHIP22K(1005)	-
R4807	B	34.8500								

*NOTE: □ □ □ □

Location

Schematic Diagram Sheet Number

DNI=Do Not Install

ALT=Alternative

VAR=Variable

NS=Not Supplied

Ref.No.	A/B	X-coordinate Value	Y-coordinate Value	Schamatics Diagram Address	Value	Rating	Tol.	Part No.	Description	Notes
R4903	B	83.5500	47.0500	39D6	100k	1/20W	5%	124071811	RES, CHIP 100K (0603)	-
R4910	B	82.0000	29.0000	39E4	27k	1/16W	0.5%	121897011	RES, CHIP 27K	-
R4911	B	82.0000	28.2000	39E4	47k	1/16W	0.5%	120892711	RES, CHIP 47K (1005)	-
R4912	B	77.9000	34.7500	39E4	27k	1/16W	0.5%	121897011	RES, CHIP 27K	-
R4913	B	77.9000	33.9500	39E4	47k	1/16W	0.5%	120892711	RES, CHIP 47K (1005)	-
R4914	B	77.9000	33.1500	39E3	27k	1/16W	0.5%	121897011	RES, CHIP 27K	-
R4915	B	77.9000	32.3500	39E3	20k	1/16W	0.5%	120891811	RES, CHIP 20K (1005)	-
R4916	B	75.6000	35.3500	39E3	27k	1/16W	0.5%	121897011	RES, CHIP 27K	-
R4917	B	74.8000	35.3500	39E3	18k	1/16W	5%	121896811	RES, CHIP 18K	-
R4922	B	76.3500	45.8500	39E7	2.2k	1/20W	5%	124069911	RES, CHIP 2.2K (0603)	-
R4955	B	87.9500	35.5500	39B3	470k	1/20W	5%	124072611	RES, CHIP 470K (0603)	-
R4956	B	81.2500	36.6000	39C3	10k	1/20W	5%	124070711	RES, CHIP 10K (0603)	-
R4958	B	86.7500	35.3000	39B3	100k	1/20W	5%	124071811	RES, CHIP 100K (0603)	-
R4970	A	126.1000	78.2500	39A7	470	1/16W	0.5%	120867511	RES, METAL FILM CHIP 470(1005)	-
R4971	A	125.3000	78.2500	39B6	470	1/16W	0.5%	120867511	RES, METAL FILM CHIP 470(1005)	-
R4972	B	124.4000	78.0000	39B5	22k	1/16W	0.5%	120871511	RES, METAL FILM CHIP 22K(1005)	-
R4973	A	124.5000	78.2500	39B6	470	1/16W	0.5%	120867511	RES, METAL FILM CHIP 470(1005)	-
R4974	A	121.8500	80.9500	39C7	15k	1/16W	0.5%	120871111	RES, METAL FILM CHIP 15K(1005)	-
R4975	A	122.7500	80.9500	39C6	470	1/16W	0.5%	120867511	RES, METAL FILM CHIP 470(1005)	-
R4976	A	123.5000	78.7000	39B6	150	1/20W	5%	124068511	RES, CHIP 150 (0603)	-
R5001	A	2.7000	60.4500	40C6	150	1/20W	5%	124068511	RES, CHIP 150 (0603)	-
R5002	A	1.7500	45.6500	40C5	56	1/16W	5%	121893811	RES, CHIP 56	DNI
R5003	A	2.7500	45.6500	40B5	22	1/16W	0.5%	120864311	RES, METAL FILM CHIP 22(1005)	DNI
R5004	A	2.7500	50.2500	40B5	27	1/16W	0.5%	122088011	RES, CHIP 27 (1005)	-
R5006	A	2.7500	53.5500	40B4	22	1/16W	0.5%	120864311	RES, METAL FILM CHIP 22(1005)	DNI
R5007	A	2.7500	51.9000	40C4	56	1/16W	0.5%	121893811	RES, CHIP 56	-
R5008	A	2.7500	47.9500	40C4	39	1/16W	0.5%	122088411	RES, CHIP 39 (1005)	-
R5009	A	2.3500	61.3500	40C4	150	1/16W	5%	121894311	RES, CHIP 150	DNI
RB240	B	45.9000	56.3500	8E3	33	1/32W	5%	124296321	RES, NETWORK 33 (1005X4)	-
RB241	B	38.4000	52.0500	8D3	33	1/32W	5%	124296321	RES, NETWORK 33 (1005X4)	-
RB242	B	40.4000	43.5000	8D3	33	1/32W	5%	124296321	RES, NETWORK 33 (1005X4)	-
RB243	B	47.6000	42.6500	8C3	33	1/32W	5%	124296321	RES, NETWORK 33 (1005X4)	-
RB244	B	50.9000	48.6000	8C3	33	1/32W	5%	124296321	RES, NETWORK 33 (1005X4)	-
RB1120	B	117.0000	41.8000	14F7	56	1/32W	5%	124597911	RES, NETWORK 56 (0603X4)	-
RB1121	B	117.0000	39.8000	14E7	56	1/32W	5%	124597911	RES, NETWORK 56 (0603X4)	-
RB1122	B	117.0000	37.8000	14E7	56	1/32W	5%	124597911	RES, NETWORK 56 (0603X4)	-
RB1123	B	127.9000	42.5500	14E7	56	1/32W	5%	124597911	RES, NETWORK 56 (0603X4)	-
RB1124	B	127.9000	40.5500	14E7	56	1/32W	5%	124597911	RES, NETWORK 56 (0603X4)	-
RB1125	B	127.9000	38.5500	14D7	56	1/32W	5%	124597911	RES, NETWORK 56 (0603X4)	-
RB1126	B	127.9000	36.5500	14D7	56	1/32W	5%	124597911	RES, NETWORK 56 (0603X4)	-
RB1130	B	90.8500	45.0500	14F6	56	1/32W	5%	124597911	RES, NETWORK 56 (0603X4)	-
RB1131	B	90.8500	42.3500	14E6	56	1/32W	5%	124597911	RES, NETWORK 56 (0603X4)	-
RB1132	B	90.8500	40.3000	14E6	56	1/32W	5%	124597911	RES, NETWORK 56 (0603X4)	-
RB1133	B	90.8500	37.7000	14E6	56	1/32W	5%	124597911	RES, NETWORK 56 (0603X4)	-
RB1134	B	90.8500	35.6500	14E6	56	1/32W	5%	124597911	RES, NETWORK 56 (0603X4)	-
RB1135	B	89.2500	35.4000	14D6	56	1/32W	5%	124597911	RES, NETWORK 56 (0603X4)	-
RB1136	B	90.5500	28.5000	14D6	56	1/32W	5%	124597911	RES, NETWORK 56 (0603X4)	-
RB1150	B	103.2500	69.0000	14C8	22	1/32W	5%	124597811	RES, NETWORK 22 (0603X4)	-
RB1151	B	103.2500	65.0000	14C8	22	1/32W	5%	124597811	RES, NETWORK 22 (0603X4)	-
RB1152	B	103.2500	63.0000	14C8	22	1/32W	5%	124597811	RES, NETWORK 22 (0603X4)	-
RB1153	B	103.2500	59.0000	14B8	22	1/32W	5%	124597811	RES, NETWORK 22 (0603X4)	-
RB1154	B	103.2500	54.6500	14B8	22	1/32W	5%	124597811	RES, NETWORK 22 (0603X4)	-
RB1155	B	103.2500	50.6500	14B8	22	1/32W	5%	124597811	RES, NETWORK 22 (0603X4)	-
RB1156	B	103.2500	48.6500	14A8	22	1/32W	5%	124597811	RES, NETWORK 22 (0603X4)	-
RB1157	B	103.2500	44.6500	14A8	22	1/32W	5%	124597811	RES, NETWORK 22 (0603X4)	-
RB1158	B	103.2500	32.7000	14C6	22	1/32W	5%	124597811	RES, NETWORK 22 (0603X4)	-
RB1159	B	103.2500	28.7000	14C6	22	1/32W	5%	124597811	RES, NETWORK 22 (0603X4)	-
RB1160	B	103.2500	26.7000	14C6	22	1/32W	5%	124597811	RES, NETWORK 22 (0603X4)	-
RB1161	B	103.2500	22.7000	14B6	22	1/32W	5%	124597811	RES, NETWORK 22 (0603X4)	-
RB1162	B	103.2500	20.3500	14B6	22	1/32W	5%	124597811	RES, NETWORK 22 (0603X4)	-
RB1163	B	103.2500	16.3500	14B6	22	1/32W	5%	124597811	RES, NETWORK 22 (0603X4)	-

Ref.No.	A/B	X-coordinate Value	Y-coordinate Value	Schamatics Diagram Address	Value	Rating	Tol.	Part No.	Description	Notes
RB1164	B	103.2500	14.3500	14A6	22	1/32W	5%	124597811	RES, NETWORK 22 (0603X4)	-
RB1165	B	103.2500	10.3500	14A6	22	1/32W	5%	124597811	RES, NETWORK 22 (0603X4)	-
RB1166	B	103.2500	67.0000	14C5	22	1/32W	5%	124597811	RES, NETWORK 22 (0603X4)	-
RB1167	B	103.2500	61.0000	14C5	22	1/32W	5%	124597811	RES, NETWORK 22 (0603X4)	-
RB1168	B	103.2500	52.6500	14C5	22	1/32W	5%	124597811	RES, NETWORK 22 (0603X4)	-
RB1169	B	103.2500	46.6500	14B5	22	1/32W	5%	124597811	RES, NETWORK 22 (0603X4)	-
RB1170	B	103.2500	30.7000	14B5	22	1/32W	5%	124597811	RES, NETWORK 22 (0603X4)	-
RB1171	B	103.2500	24.7000	14B5	22	1/32W	5%	124597811	RES, NETWORK 22 (0603X4)	-
RB1172	B	103.2500	18.3500	14A5	22	1/32W	5%	124597811	RES, NETWORK 22 (0603X4)	-
RB1173	B	103.2500	12.3500	14A5	22	1/32W	5%	124597811	RES, NETWORK 22 (0603X4)	-
RB1401	B	72.8000	31.7500	16C5	10k	1/32W	5%	124609911	RES, NETWORK 10K (0603X4)	-
RB1402	B	74.2000	29.8000	16C5	10k	1/32W	5%	124609911	RES, NETWORK 10K (0603X4)	-
RB1403	B	72.5000	33.6000	16B5	10k	1/32W	5%	124609911	RES, NETWORK 10K (0603X4)	-
RB1404	B	70.6500	30.3000	16B5	10k	1/32W	5%	124609911	RES, NETWORK 10K (0603X4)	-
RB1405	B	76.2000	30.0500	16C5	10k	1/32W	5%	124609911	RES, NETWORK 10K (0603X4)	-
RB1406	A	43.6000	21.6500	16C5	10k	1/32W	5%	124609911	RES, NETWORK 10K (0603X4)	-
RB1407	B	67.2500	30.7000	16B5	10k	1/32W	5%	124609911	RES, NETWORK 10K (0603X4)	-
RB1408	B	62.8500	4.4000	16C3	10k	1/32W	5%	124609911	RES, NETWORK 10K (0603X4)	-
RB1409	B	66.6500	33.7000	16C3	10k	1/32W	5%	124609911	RES, NETWORK 10K (0603X4)	-
RB1410	B	69.6000	33.2500	16C3	10k	1/32W	5%	124609911	RES, NETWORK 10K (0603X4)	-
RB1510	B	55.3000	33.6000	17C6	100k	1/32W	5%	123438121	RES, NETWORK 100K (1005X4)	-
RB1520	B	62.7500	31.2000	17F5	10k	1/32W	5%	124609911	RES, NETWORK 10K (0603X4)	-
RB1521	B	51.4000	31.3500	17E4	22	1/32W	5%	123437021	RES, NETWORK 22 (1005X4)	-
RB1522	B	63.8000	34.0500	17E4	33	1/32W	5%	124296321	RES, NETWORK 33 (1005X4)	-
RB1523	B	60.4500	31.0500	17E4	47	1/32W	5%	123437121	RES, NETWORK 47 (1005X4)	-
RB1524	B	60.4500	34.0500	17E4	33	1/32W	5%	124296321	RES, NETWORK 33 (1005X4)	-
RB1560	B	62.8500	1.7000	17D2	100k	1/32W	5%	123438121	RES, NETWORK 100K (1005X4)	-
RB1561	B	57.5000	31.0000	17D1	100k	1/32W	5%	123438121	RES, NETWORK 100K (1005X4)	-
RB1910	B	30.8000	68.0500	22E6	10k	1/32W	5%	124609911	RES, NETWORK 10K (0603X4)	-
RB1911	B	45.9500	59.8000	22E4	10k	1/32W	5%	124609911	RES, NETWORK 10K (0603X4)	-
RB1912	B	43.3500	59.8000	22E4	10k	1/32W	5%	124609911	RES, NETWORK 10K (0603X4)	-
RB1913	B	52.3500	77.7000	22E3	10k	1/32W	5%	124609911	RES, NETWORK 10K (0603X4)	-
RB1914	B	32.6000	60.4500	22E3	10k	1/32W	5%	124609911	RES, NETWORK 10K (0603X4)	-
RB1930	B	46.9000	82.9000	22A1	100k	1/32W	5%	123438121	RES, NETWORK 100K (1005X4)	-
RB1940	B	30.5000	72.7000	22C5	10k	1/32W	5%	124609911	RES, NETWORK 10K (0603X4)	-
RB1941	B	36.7500	82.0000	22C6	10k	1/32W	5%	124609911	RES, NETWORK 10K (0603X4)	-
RB1950	B	52.3000	71.7000	22B4	100k	1/32W	5%	123438121	RES, NETWORK 100K (1005X4)	-
RB2400	A	64.8000	83.9500	26E7	10k	1/32W	5%	124609911	RES, NETWORK 10K (0603X4)	-
RB2401	A	70.5000	74.2000	26E6	10k	1/32W	5%	124609911	RES, NETWORK 10K (0603X4)	-
RB2960	A	110.6500	8.7500	29D4	10k	1/32W	5%	124609911	RES, NETWORK 10K (0603X4)	-
TH11	B	29.0500	52.5500	7B3	30mA	-	-	180447121	THERMISTOR, POSITIVE	-
TH3850	B	23.0000	82.3500	38D4	-	-	-	180426721	THERMISTOR, POSITIVE(SMD)	-
TH3950	A	28.9500	73.1000	30E3</						

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				ZONE	LTR	DESCRIPTION	DATE	APPR.
<p>VGN-TX36C/TX36GP/TX36SP/TX37CP/TX37GP/TX37LP/TX37SP/TX37TP/ TX38CP/TX3HP/TX3XP/TX3XRP/TX52B/TX72B/TX72PZ/TX850FP/ TX850P/TX92PS*/TX92S*</p> <p>SCHEMATICS</p> <p>MAIN SYSTEM BOARD MBX-153</p> <p style="text-align: right; font-size: 24pt;">REV. 1.203</p>								
TABLE OF CONTENTS								
BLOCK	PAGE	REF. NO.	DESCRIPTIONS					
TITLE	1	-	INDEX (THIS PAGE)					
○ 1	BLOCK		BLOCK DIAGRAM					
			POWER SUPPLY DIAGRAM					
○ 3	CPU	6 (CPU-1) 7 (CPU-2)	0 - 99 100 - 199	CPU (1/2) CPU (2/2)				
○ 4	CLKGEN	8 (CLKGEN-1)	200 - 299	CLOCK GENERATOR				
○ 5	GMCH	9 (GMCH-1) 10 (GMCH-2) 11 (GMCH-3) 12 (GMCH-4) 13 (GMCH-5)	300 - - 399 400 - - 499 500 - 599	GMCH (1/5) GMCH (2/5) GMCH (3/5) GMCH (4/5) GMCH (5/5)				
○ 6	MEMORY	14 (ICH-2) 15 (MEMORY-1) 15 (MEMORY-2)	1100 - - 1299	DDR2 MEMORY (1/2) DDR2 MEMORY (2/2)				
○ 7	ICH	16 (ICH-1) 17 18 (ICH-3)	1400 - 1499 1500 - 1599 1600 - 1699	ICH7-M (1/3) ICH7-M (2/3) ICH7-M (3/3)				
○ 8	COMBO	19 (COMBO-1) 20 (COMBO-2) 21 (COMBO-3)	1300 - 1399 1700 - 1799 1800 - 1899	i.LINK PC CARD MEMORY STICK & SD				
○ 9	LPC	22 (LPC-1)	1900 - 1999	EC(H8)				
○ 10	CN	23 (CN-1) 24 (CN-2) 25 (CN-3) 26 (CN-4) 27 (CN-5) 28 (CN-6) 29 (CN-7)	2100 - 2199 2200 - 2299 2300 - 2399 2400 - 2499 2500 - 2599 2600 - 2699 2900 - 2999	LCD BACKLIGHT CTRL IDE (HDD & OPT DRIVE) SUB BOARD CN1 SUB BOARD CN2 MINI CARD & WWAN DOCK CN AUDIO & TP IF CN & LCD CN				
○ 11	POWER	30 (POWER-1) 31 (POWER-2) 32 (POWER-3) 33 (POWER-4) 34 (POWER-5) 35 (POWER-6) 36 (POWER-7) 37 (POWER-8) 38 (POWER-9) 39 (POWER-10)	3900 - 3999 4100 - 4199 4200 - 4299 4300 - 4399 4400 - 4499 4500 - 4599 4600 - 4699 4700 - 4799 4800 - 4899 4900 - 4999	+VCPUCORE +VCCP / +1.5VRUN / +1.05VRUN +1.8VSUS / +VTTDDR / +2.5VRUN +3VALW / +5VALW LOAD_SW SUS_ON / VR_ON / PWRGD +VPWRSRC BATTERY CHARGER +VDC_IN UL CIRCUIT				
○ 12	DEBUG	40 (DEBUG)	5000 - 5099	DEBUG / POWER CHECK / ITP				
○ 13	VARIANCE	41 (VARIANCE-1)	-	VARIANCE				

MOUNTED PWB MBX-153 (COMM) : A-1193-245-A
 MOUNTED PWB MBX-153 (U14_512) : A-1193-246-A
 MOUNTED PWB MBX-153 (U13_512) : A-1193-248-A
 MOUNTED PWB MBX-153 (C423_512) : A-1193-250-A

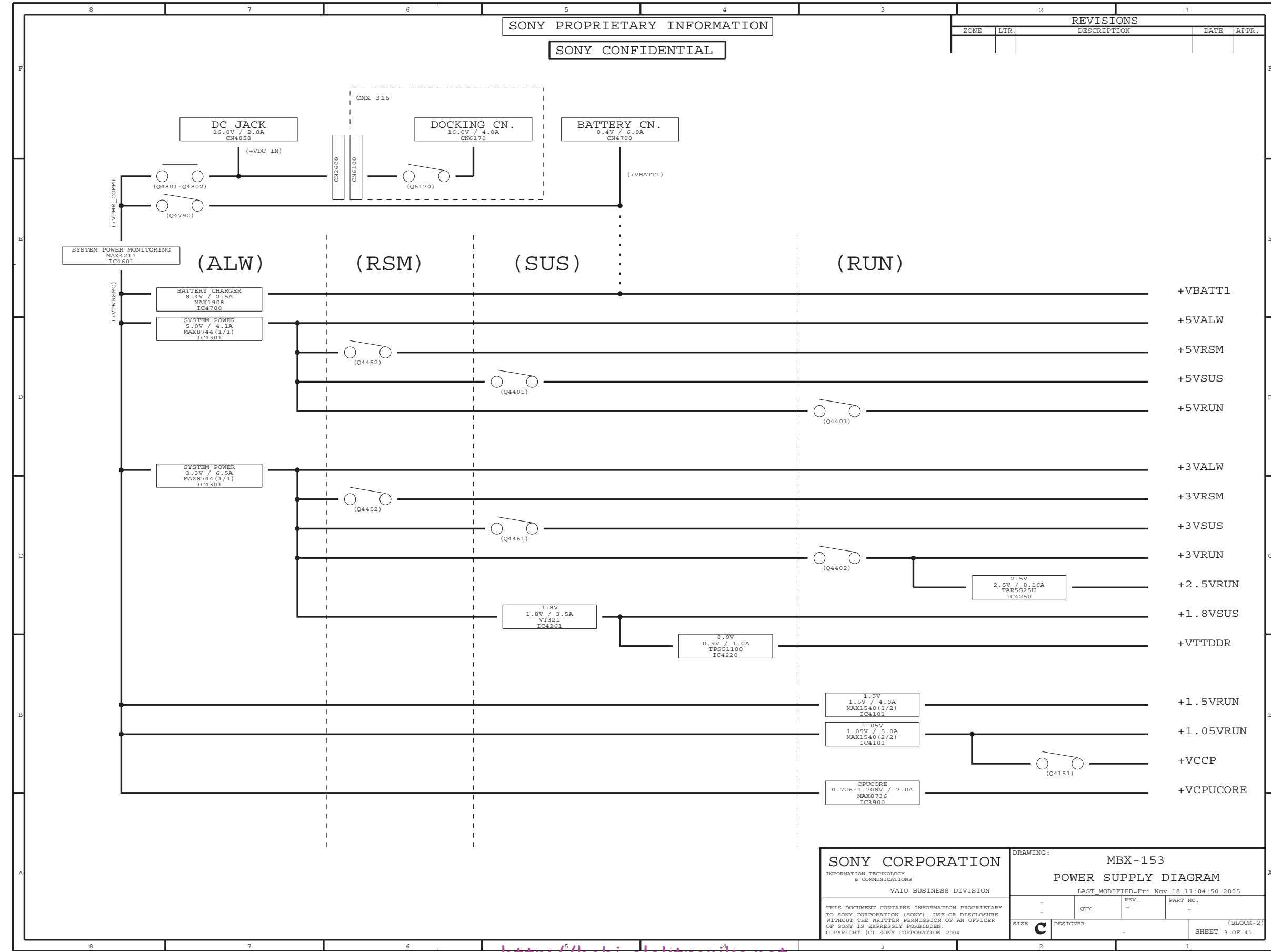
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INFORMATION TECHNOLOGY & COMMUNICATIONS		INDEX	
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 TX38CP/TX3HP/TX3XP/TX3XRP/TX52B/TX72B/TX72PZ/TX850FP/
 TX850P/TX92PS*/TX92S* (J/AM/EU/AO)

*NOTE :
 Location
 Schematic Diagram Sheet Number
 DNI=Do Not Install



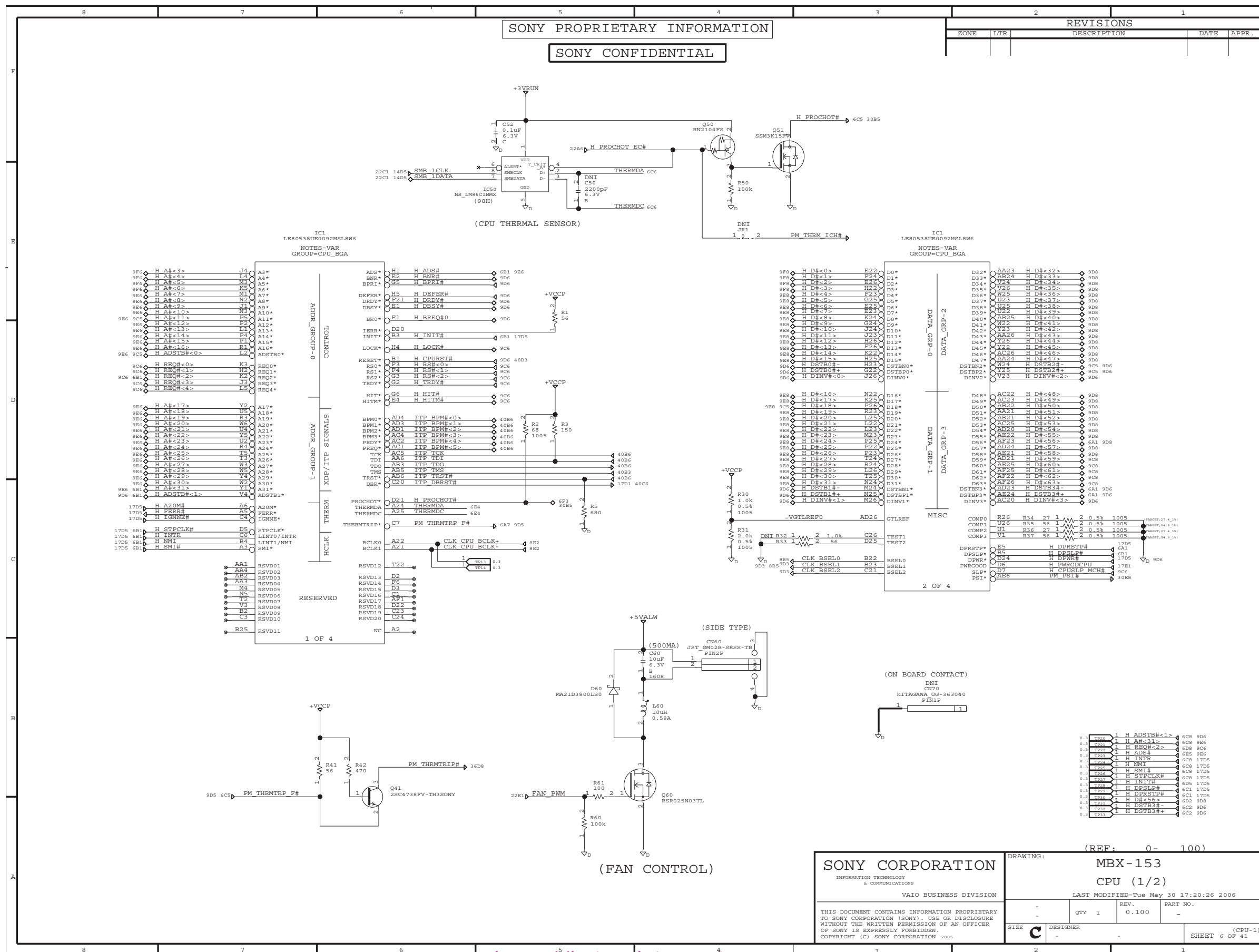
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*NOTE: [] [] [] Location Schematic Diagram Sheet Number
DNI=Do Not Install



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MBX-153
CPU (1/2)

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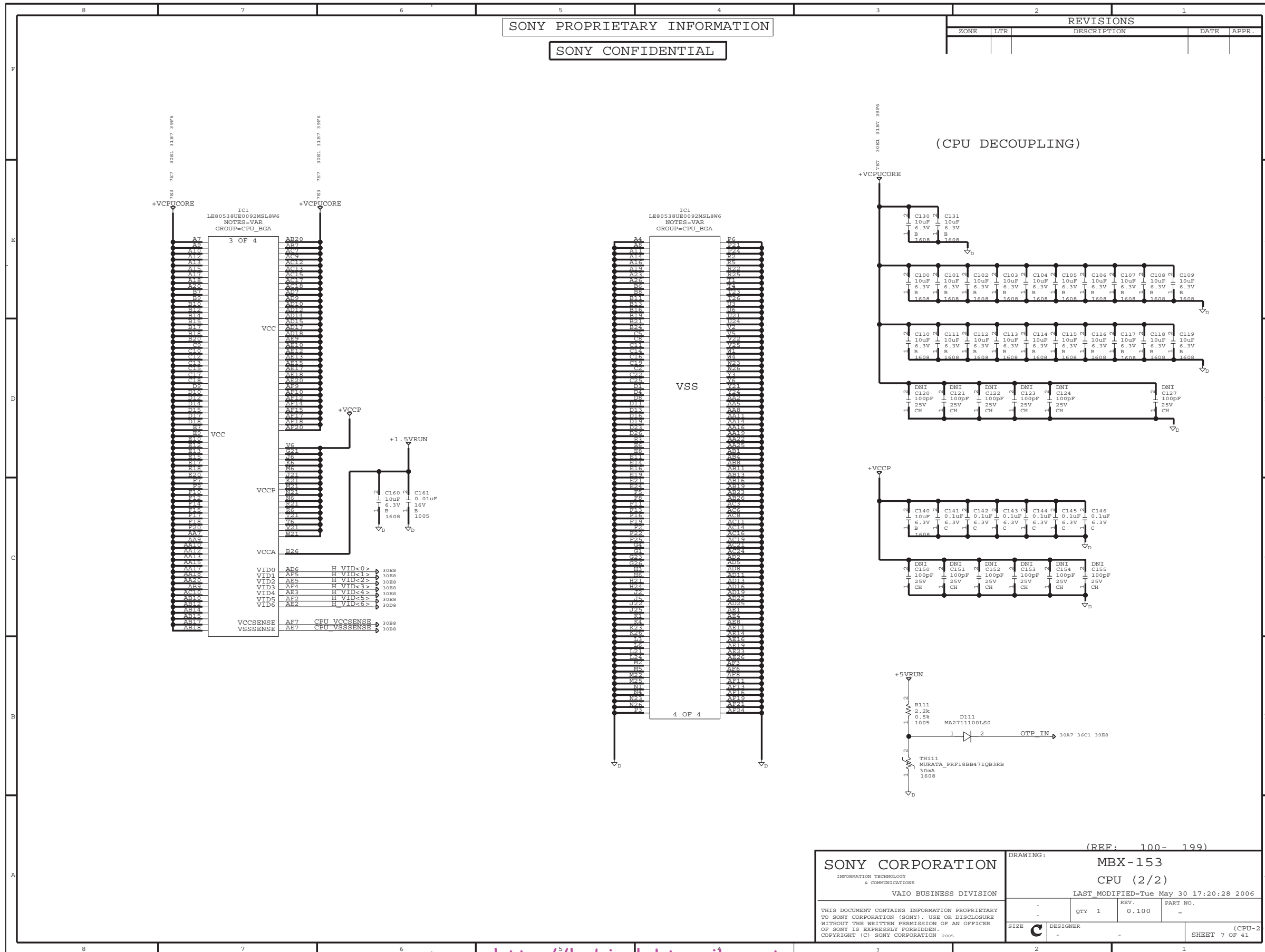
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LAST MODIFIED= Tue May 30 17:20:26 2006
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QTY 1 0.100
DESIGNER
SIZE C
SHEET 6 OF 41

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VGN-TX36C/TX36GP/TX36SP/TX37CP/TX37GP/TX37LP/TX37SP/TX37TP/TX38CP/TX38HP/TX38P/TX39RP/TX52B/TX72B/TX72PZ/TX850FP/TX850P/TX92PS/TX92S (J/AM/EU/AO)

*NOTE :
 Location
 Schematic Diagram Sheet Number
 DNI=Do Not Install



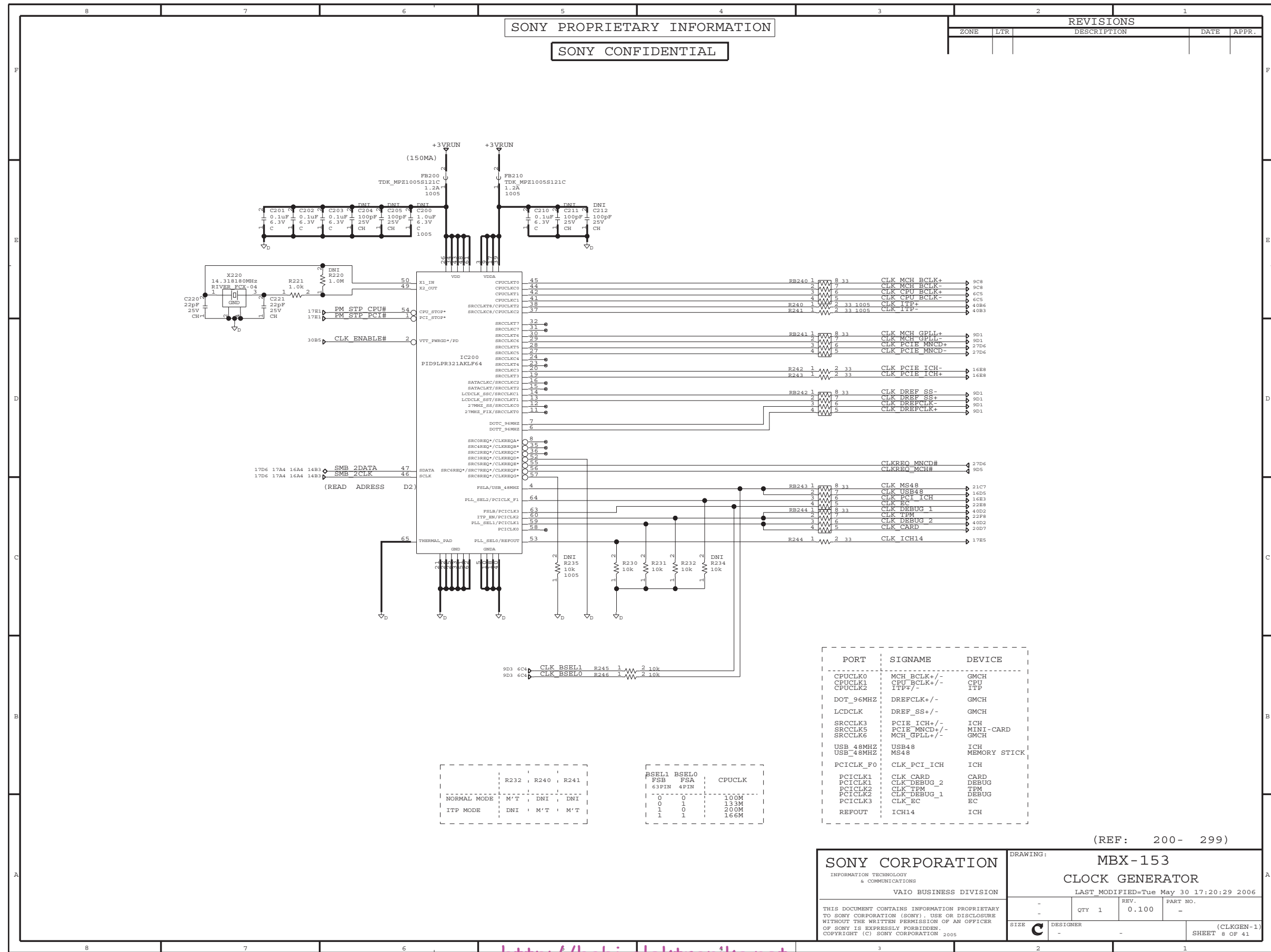
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SIZE C	SHEET 7 OF 41		(CPU-2)

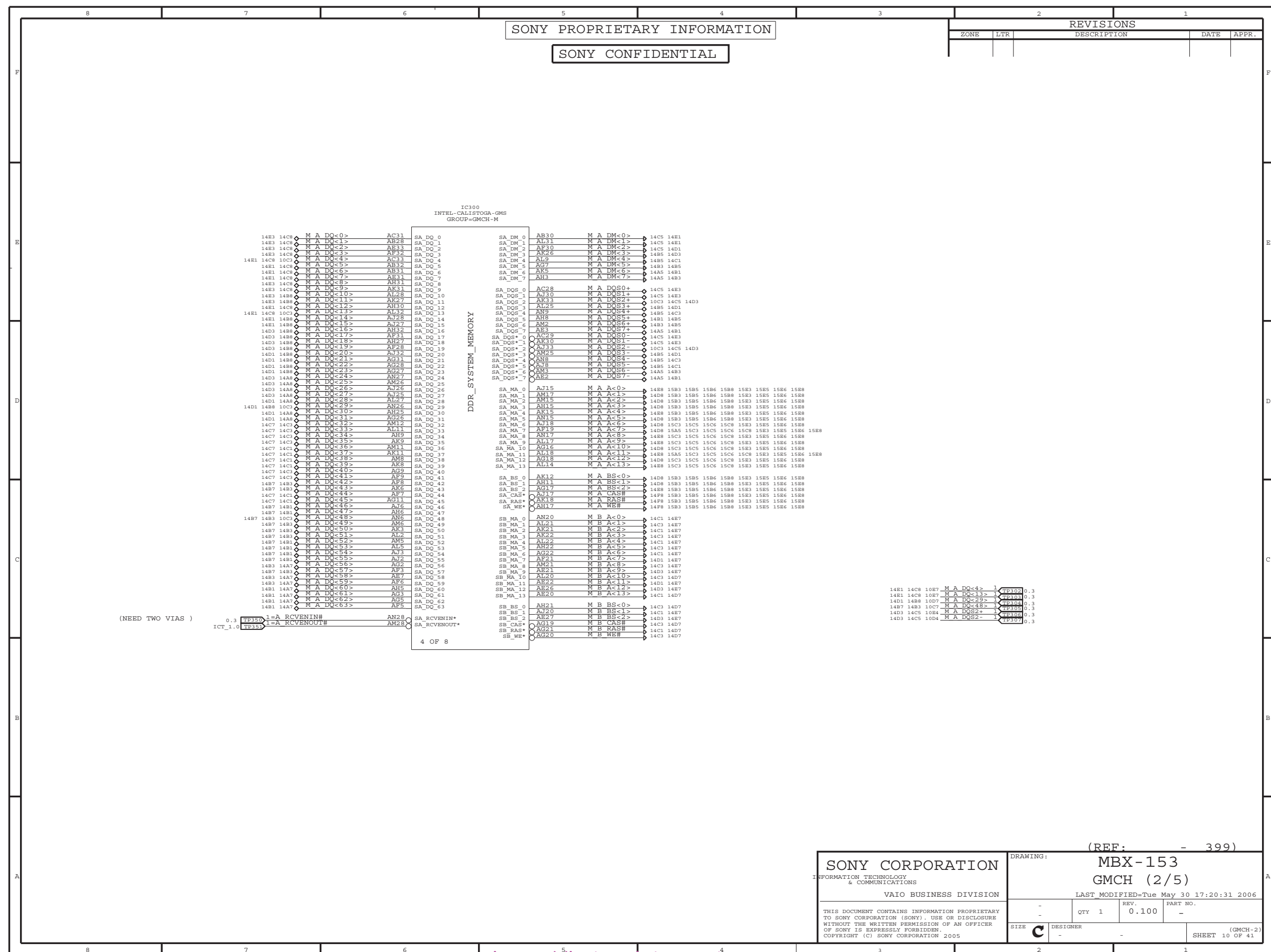
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*NOTE :
 Location
 Schematic Diagram Sheet Number
 DNI=Do Not Install



*NOTE: [] [] [] Location Schematic Diagram Sheet Number
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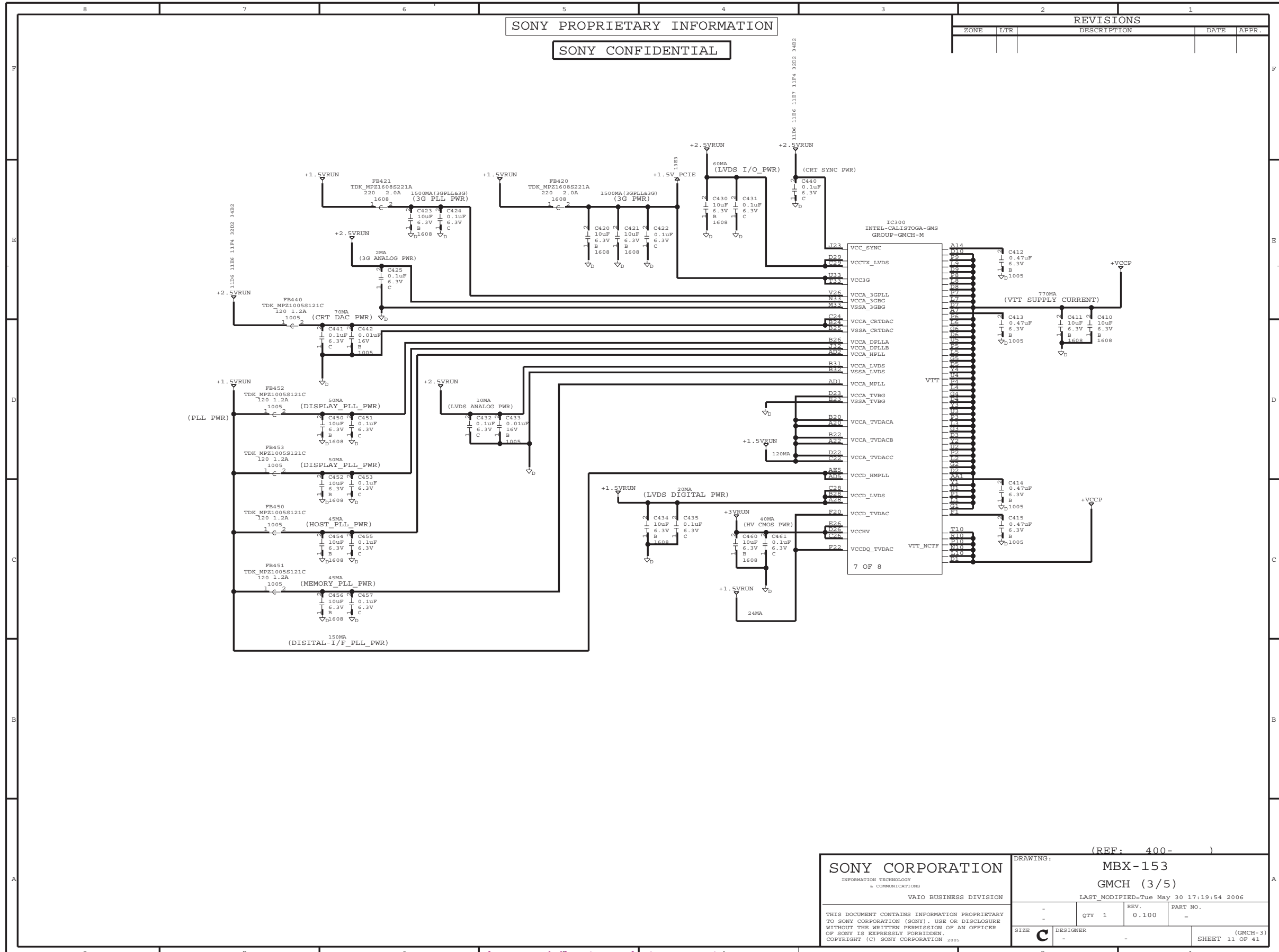
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		(GMCH-2) SHEET 10 OF 41	

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*NOTE :
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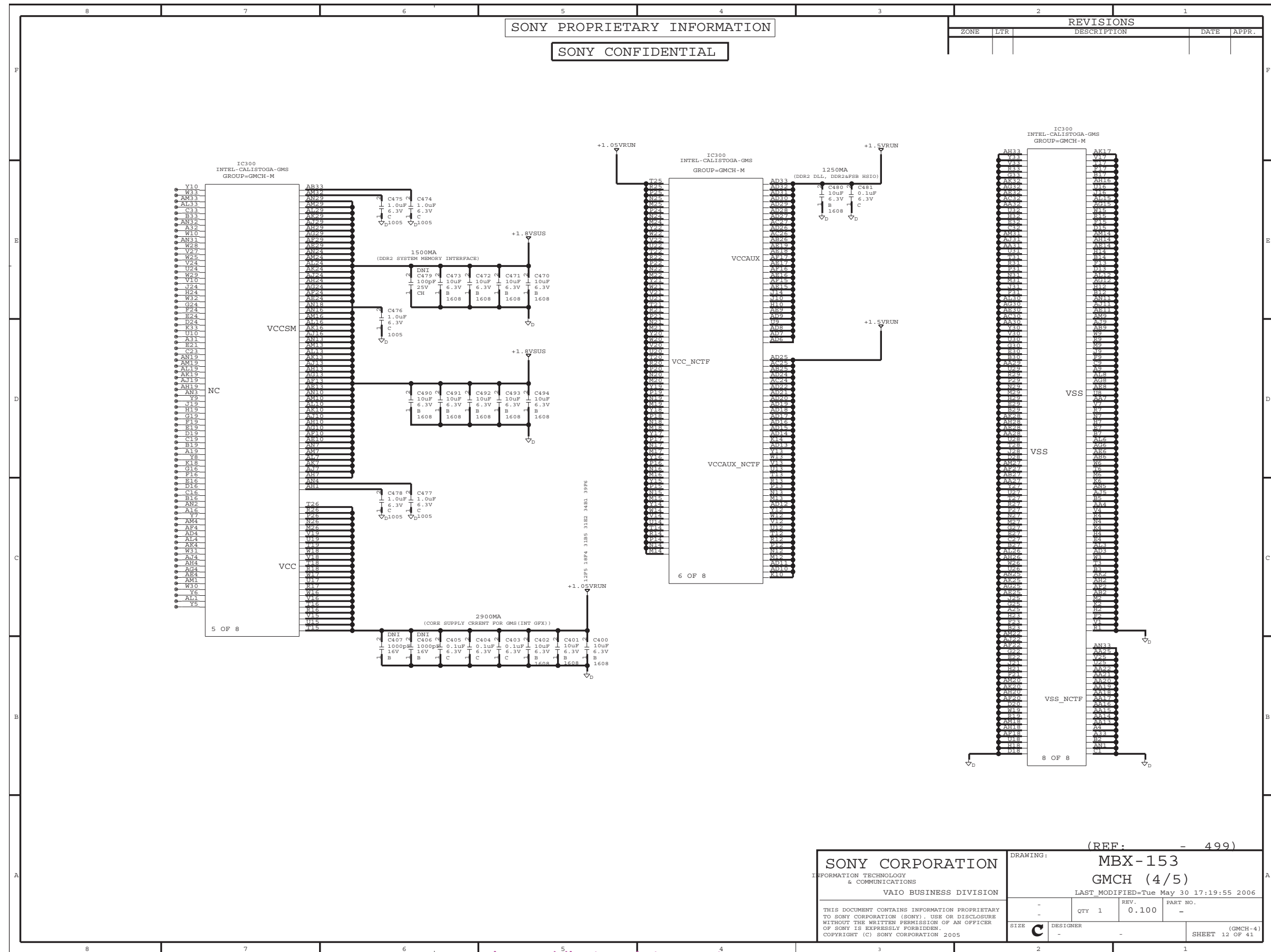
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SHEET 11 OF 41		(GMCH-3)	

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*NOTE :
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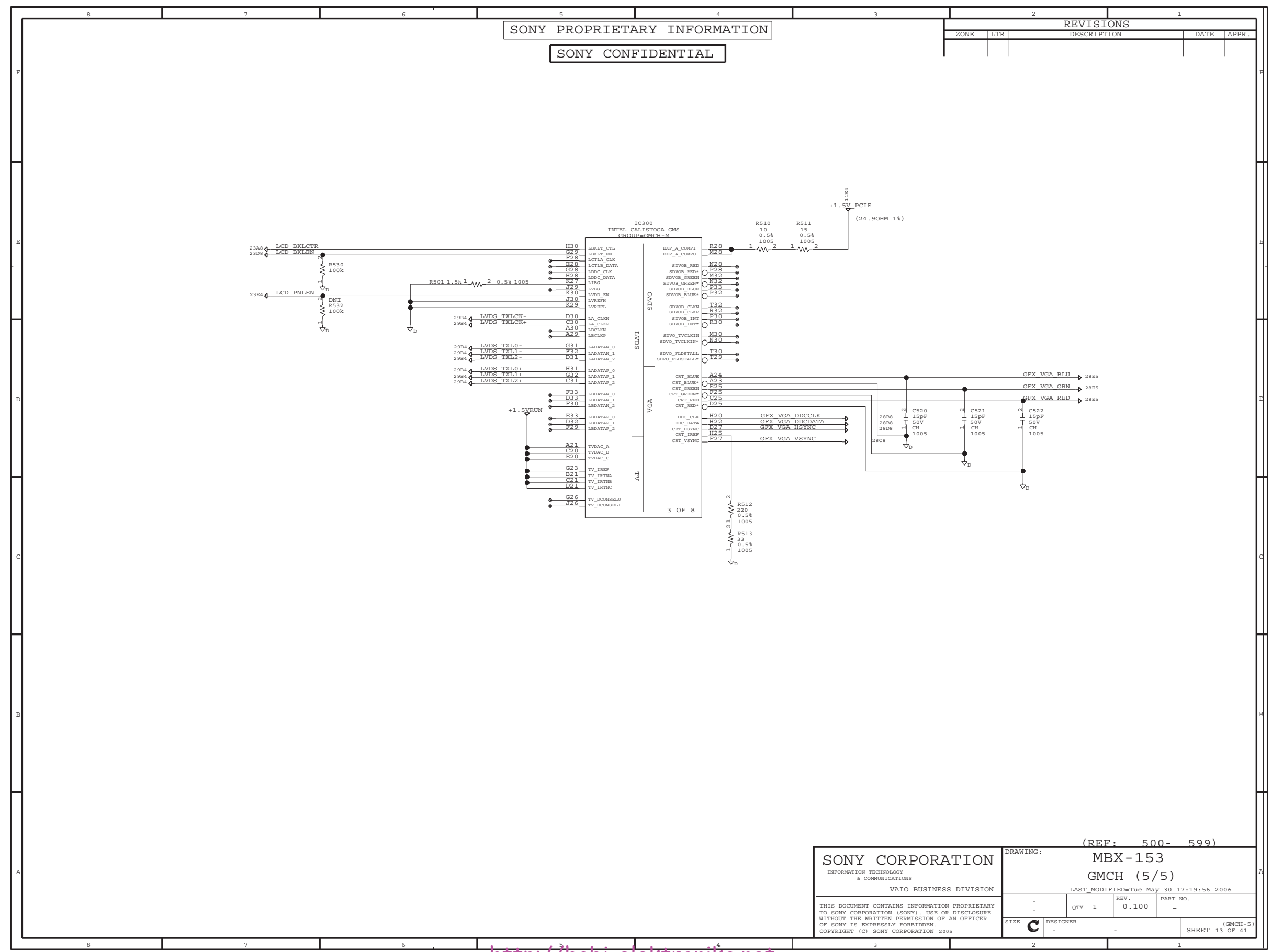
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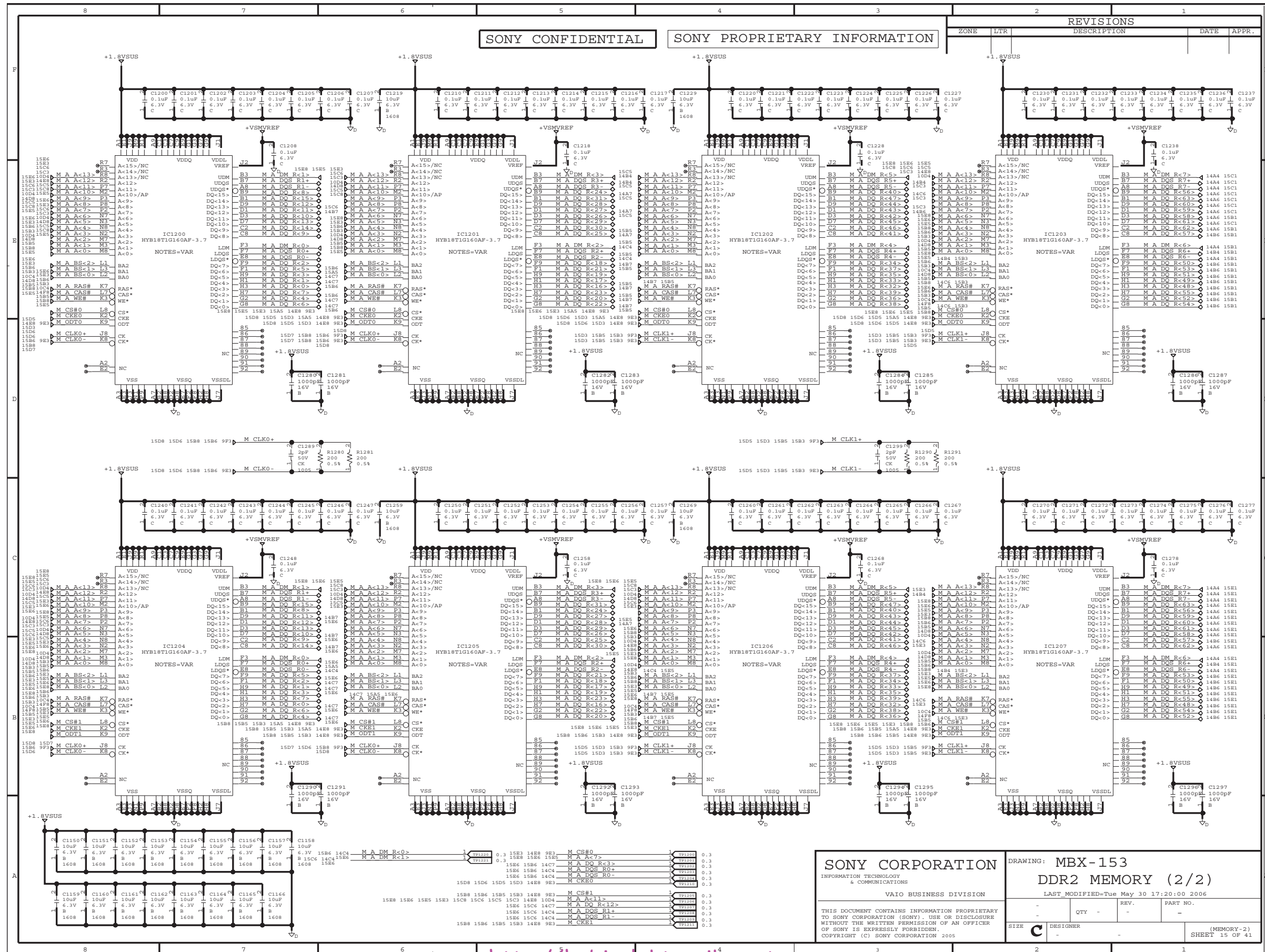
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*NOTE: [] [] [] []

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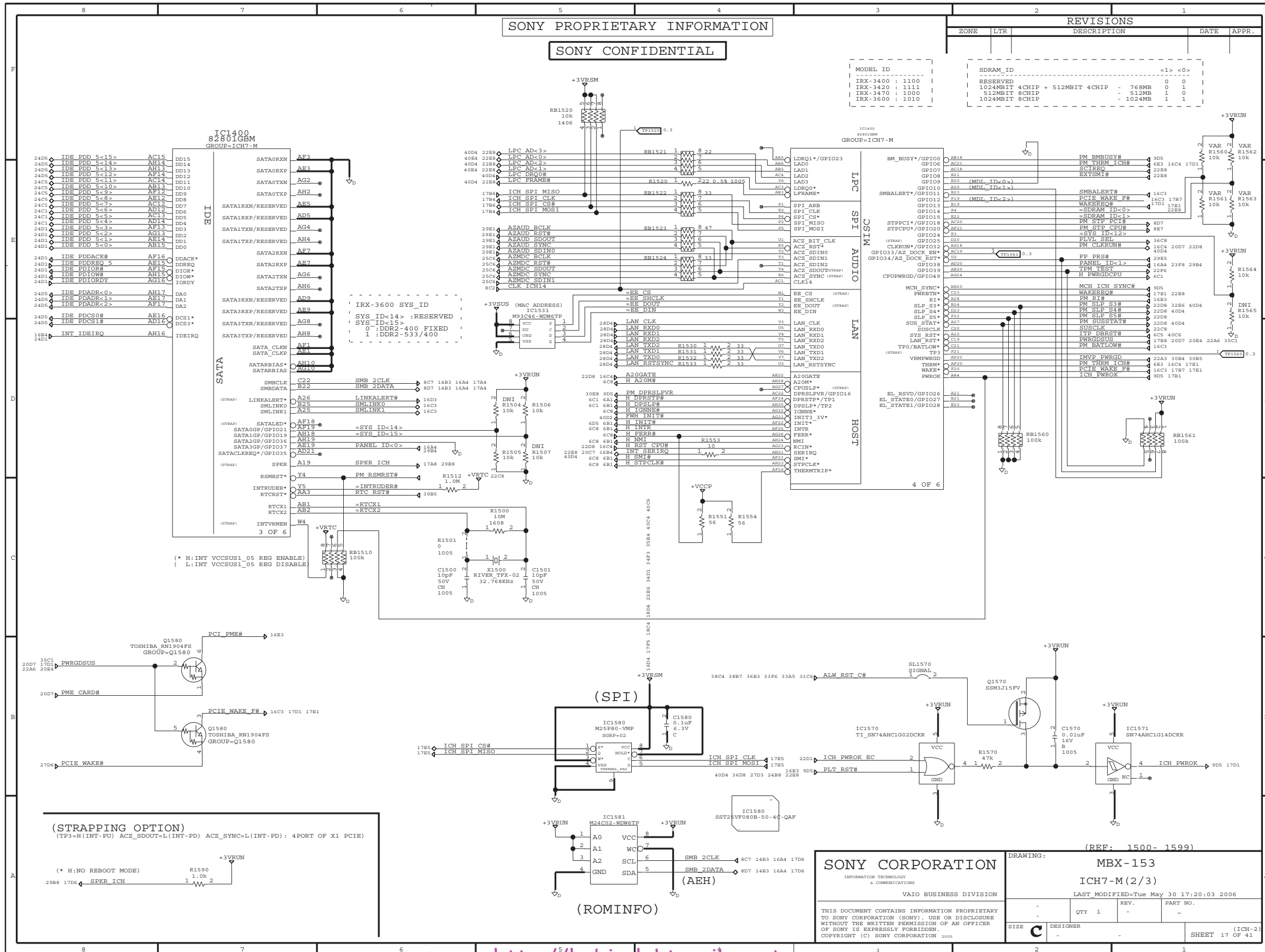


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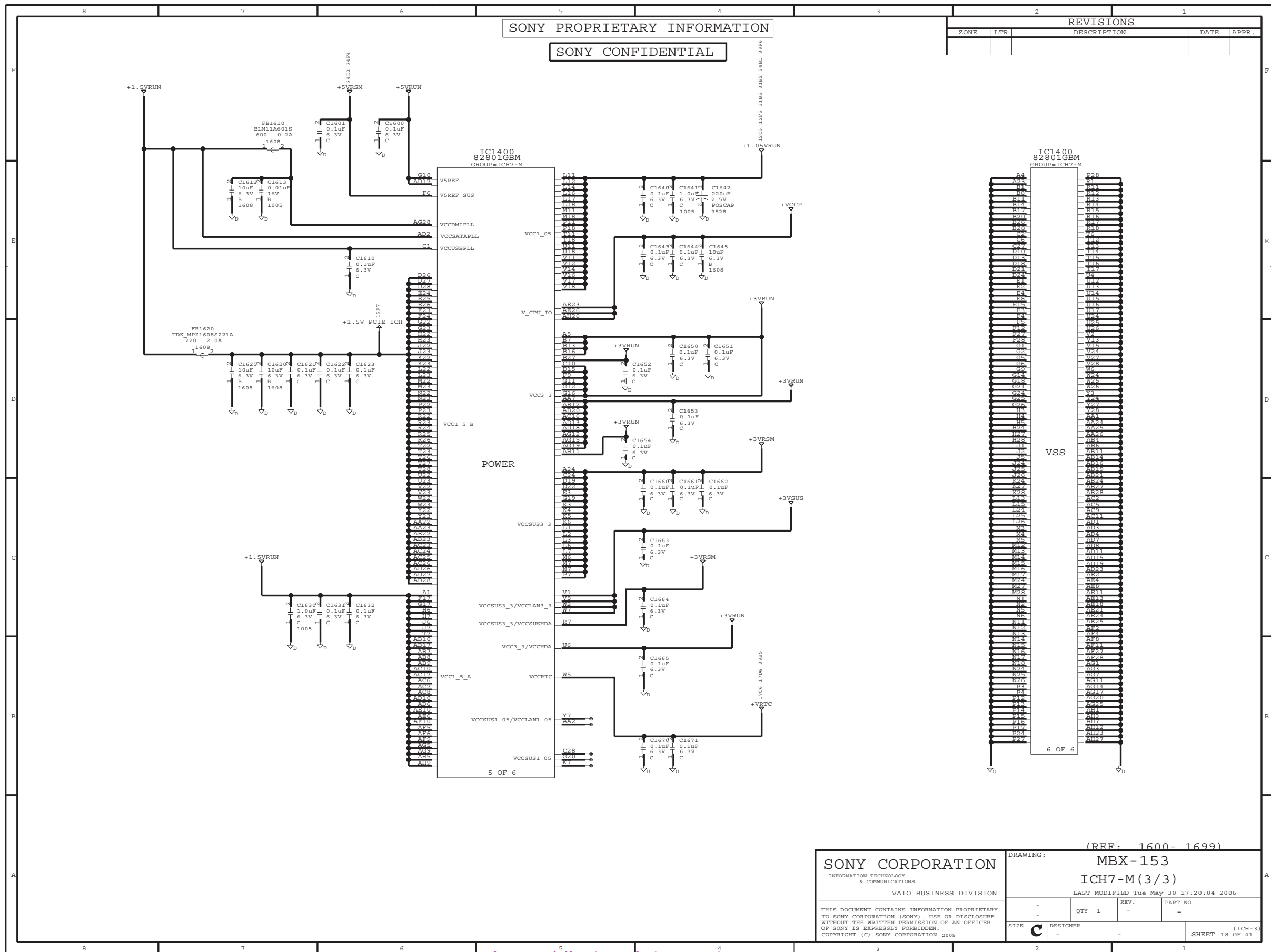


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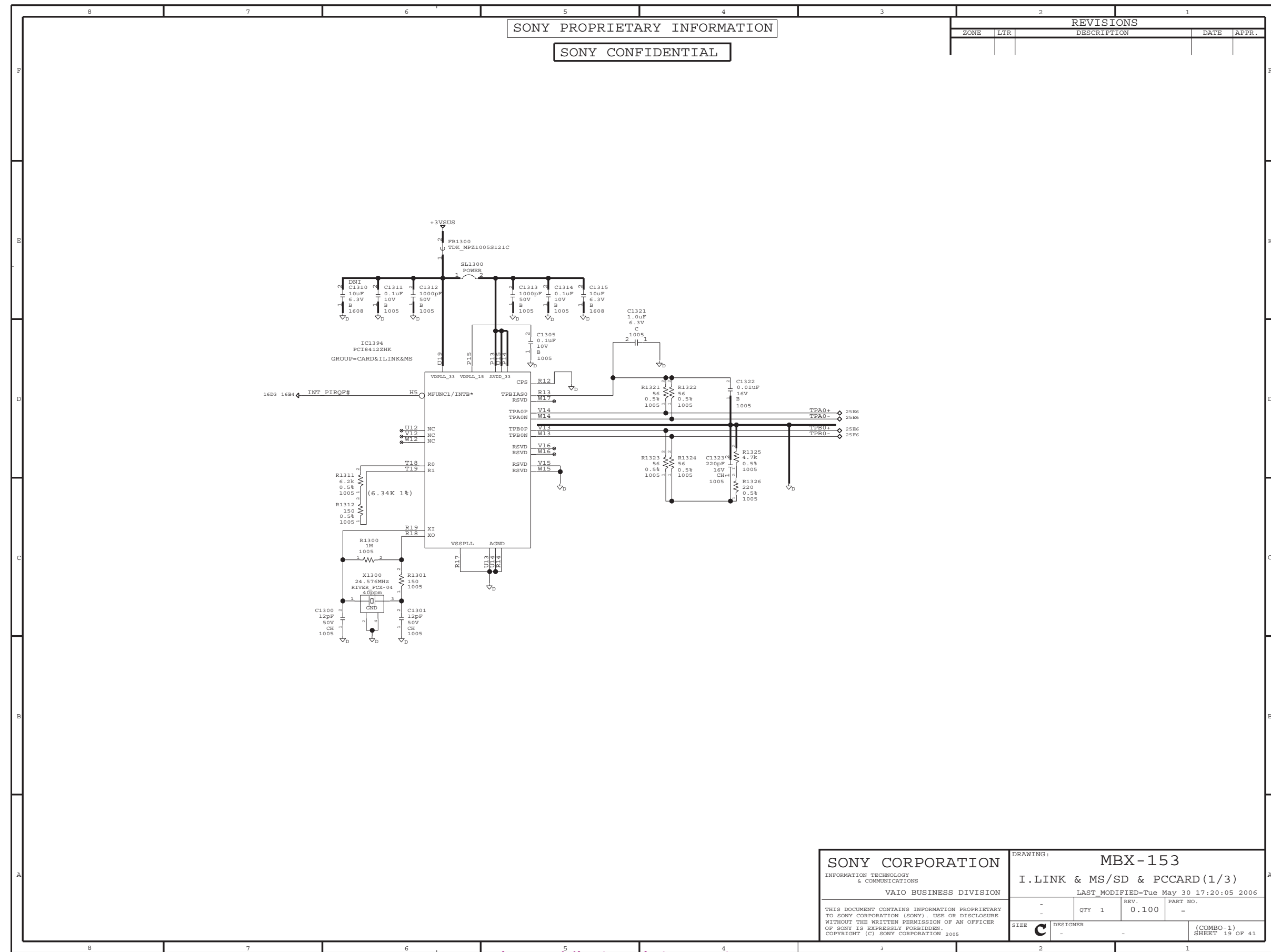
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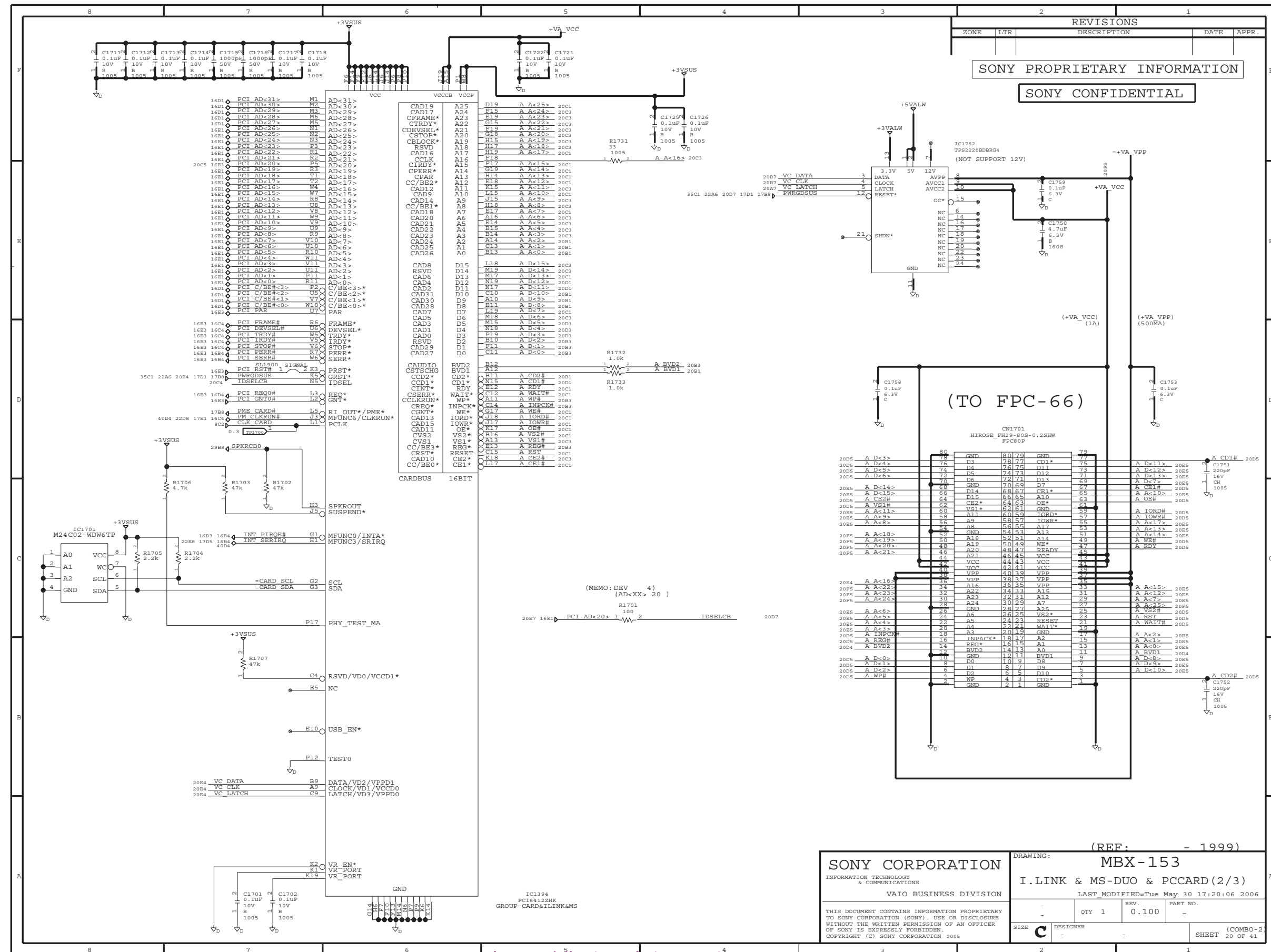
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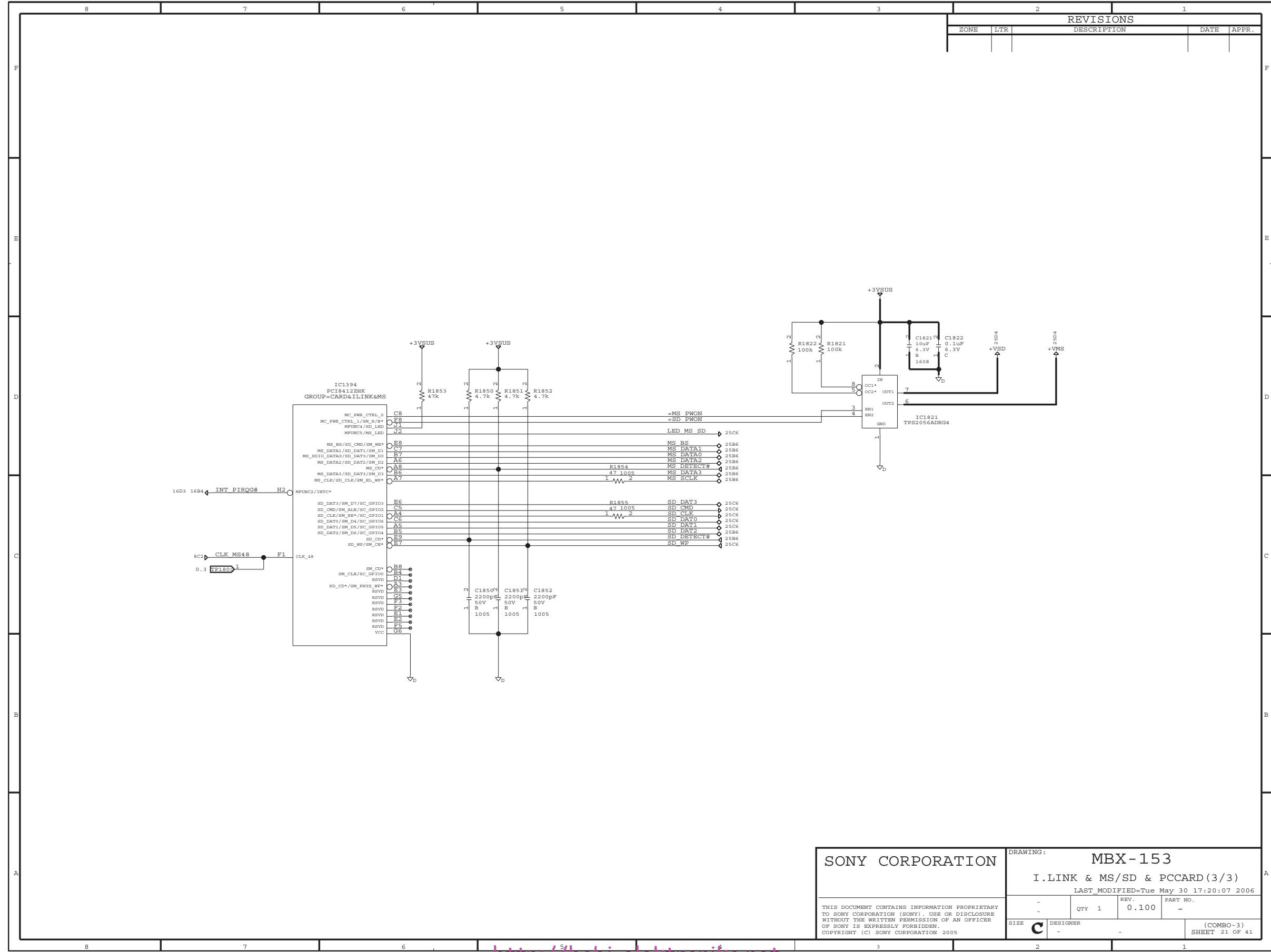
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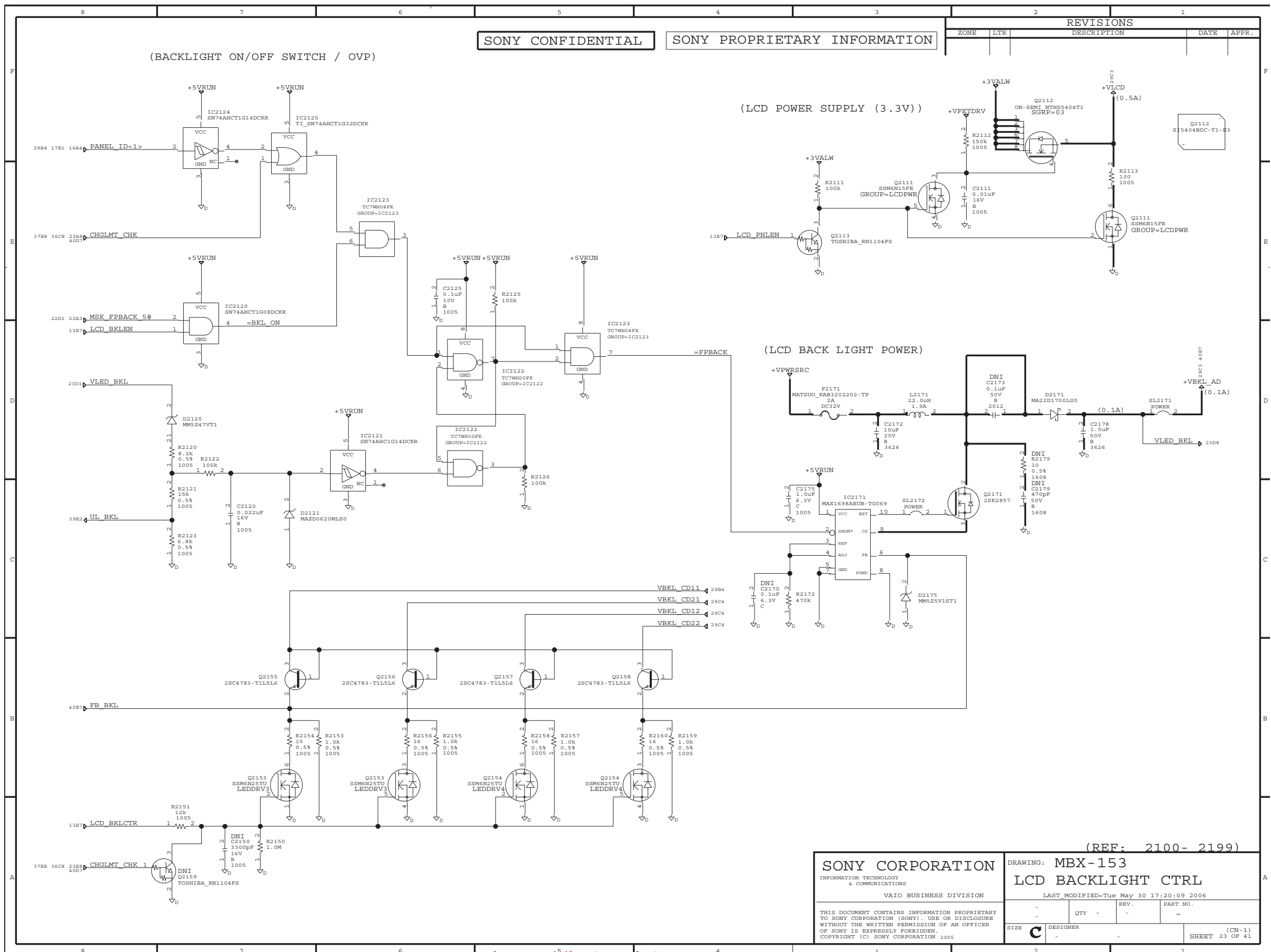
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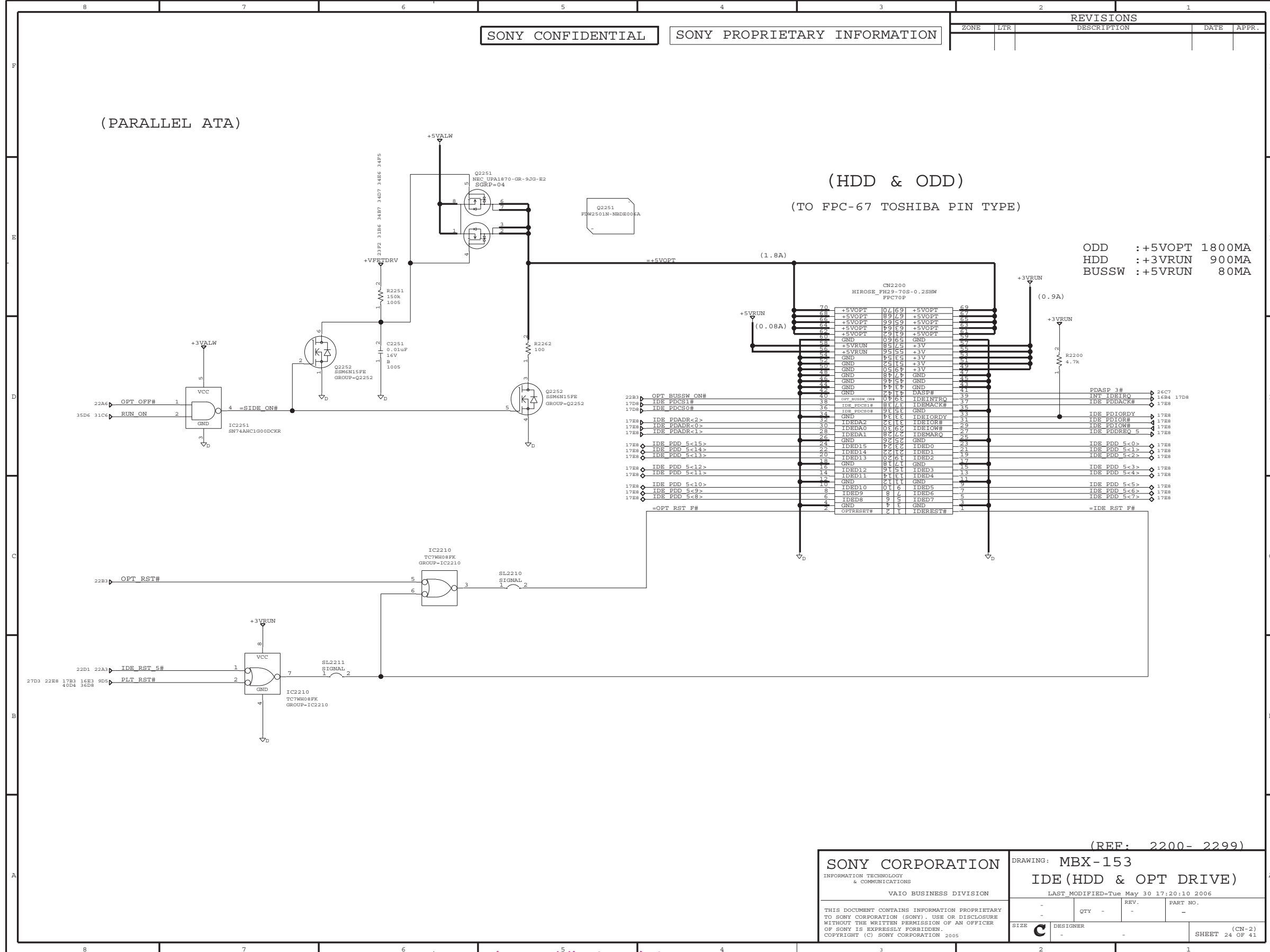
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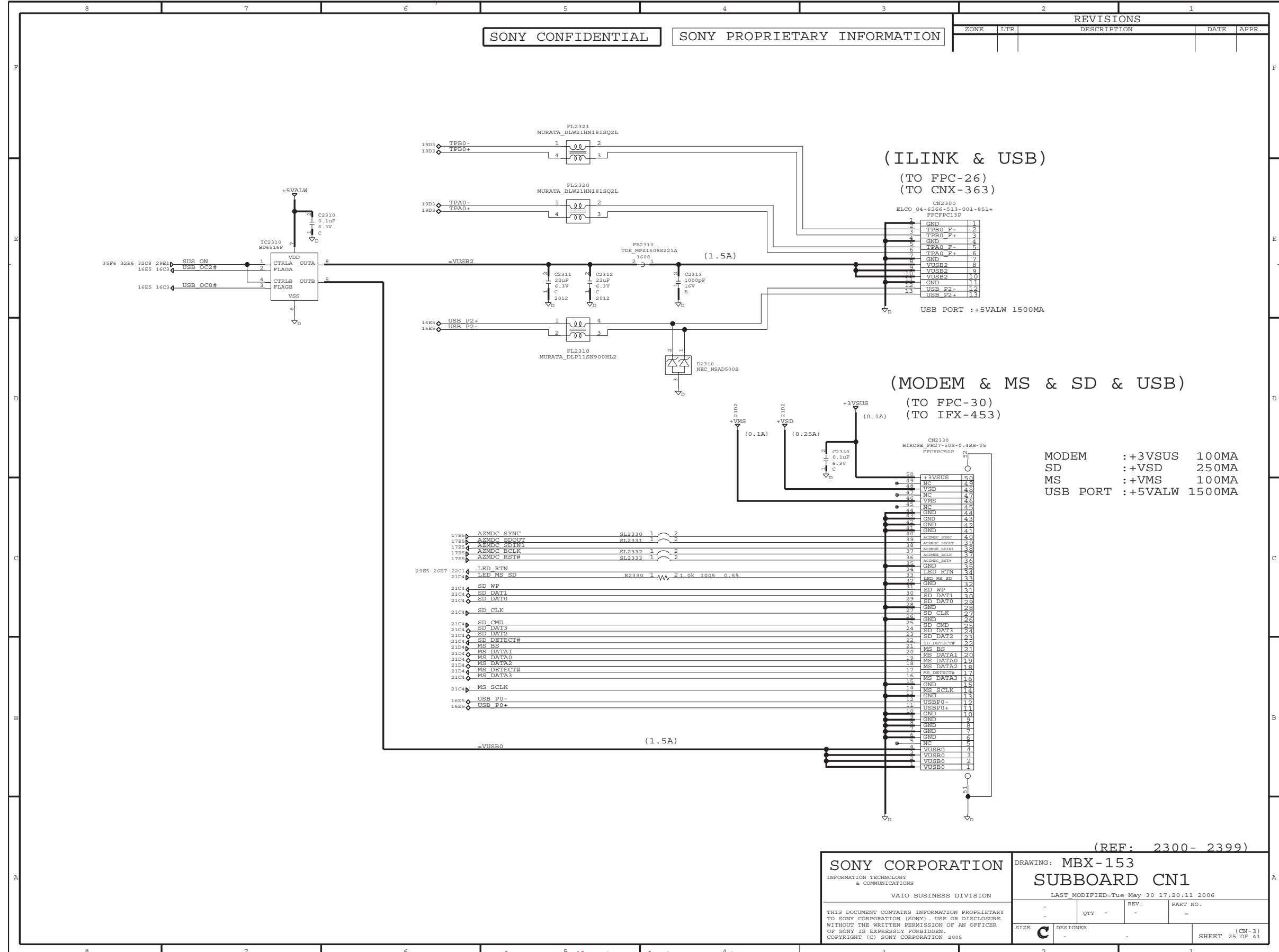
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*NOTE :
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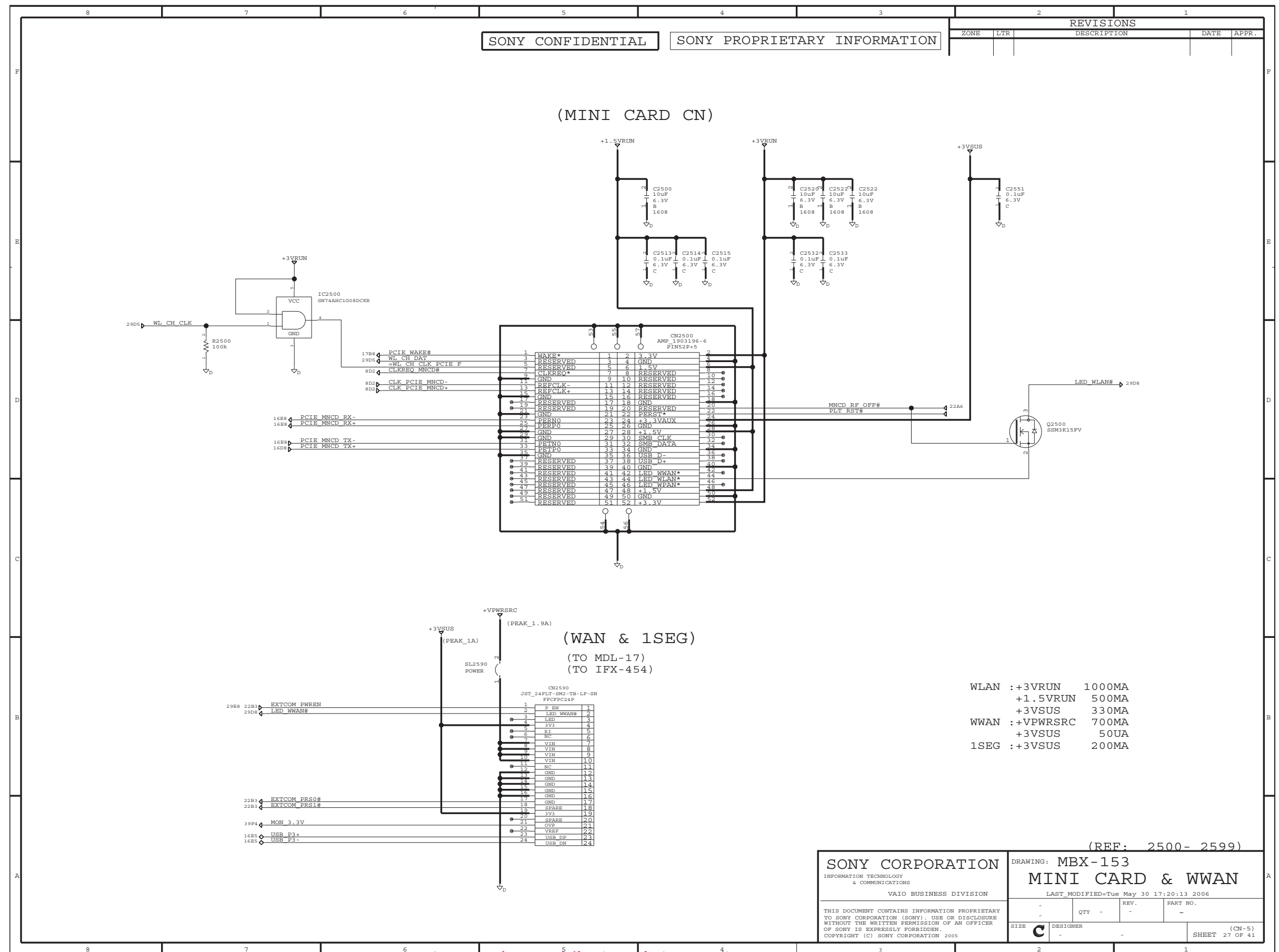
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SIZE	DESIGNER	SHEET (CN-3) 25 OF 41	

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	:+1.5VRUN	500MA
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WWAN	:+VPWRSRC	700MA
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1SEG	:+3VSUS	200MA

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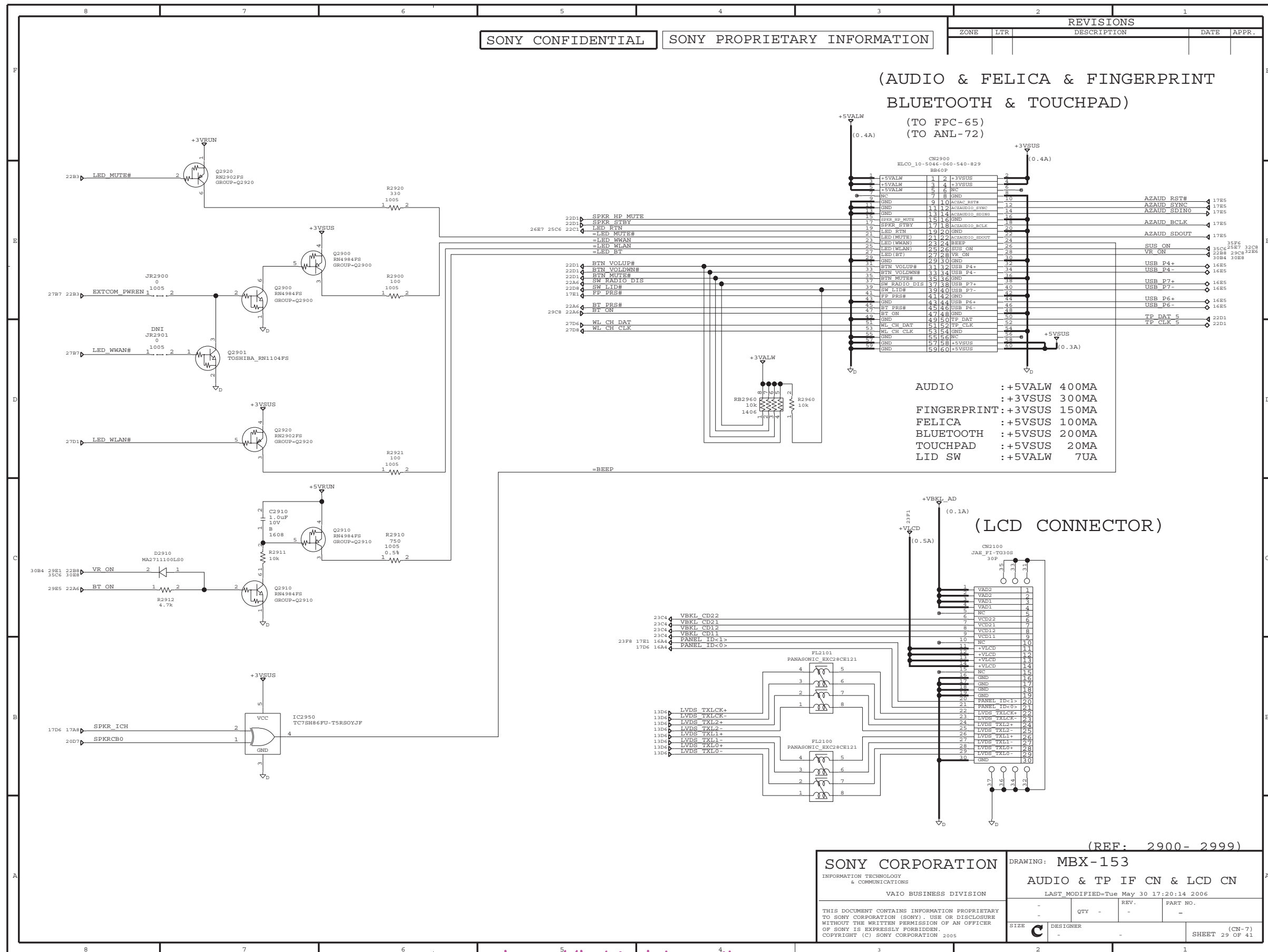
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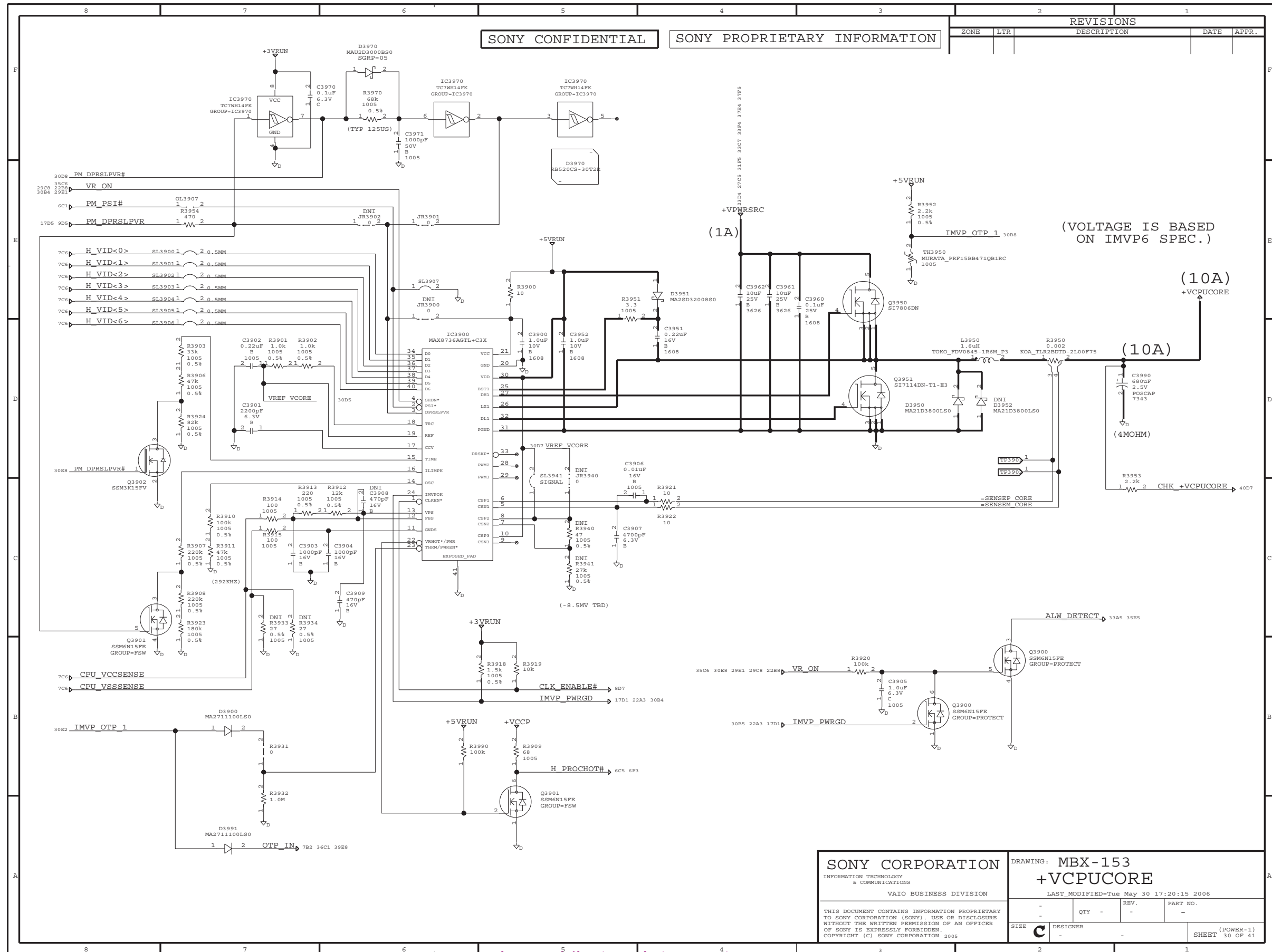
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VGN-TX36C/TX36GP/TX36SP/TX37CP/TX37GP/TX37LP/TX37SP/TX37TP/
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 TX850P/TX92PS/TX92S (J/AM/EU/AO)

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(VOLTAGE IS BASED ON IMVP6 SPEC.)

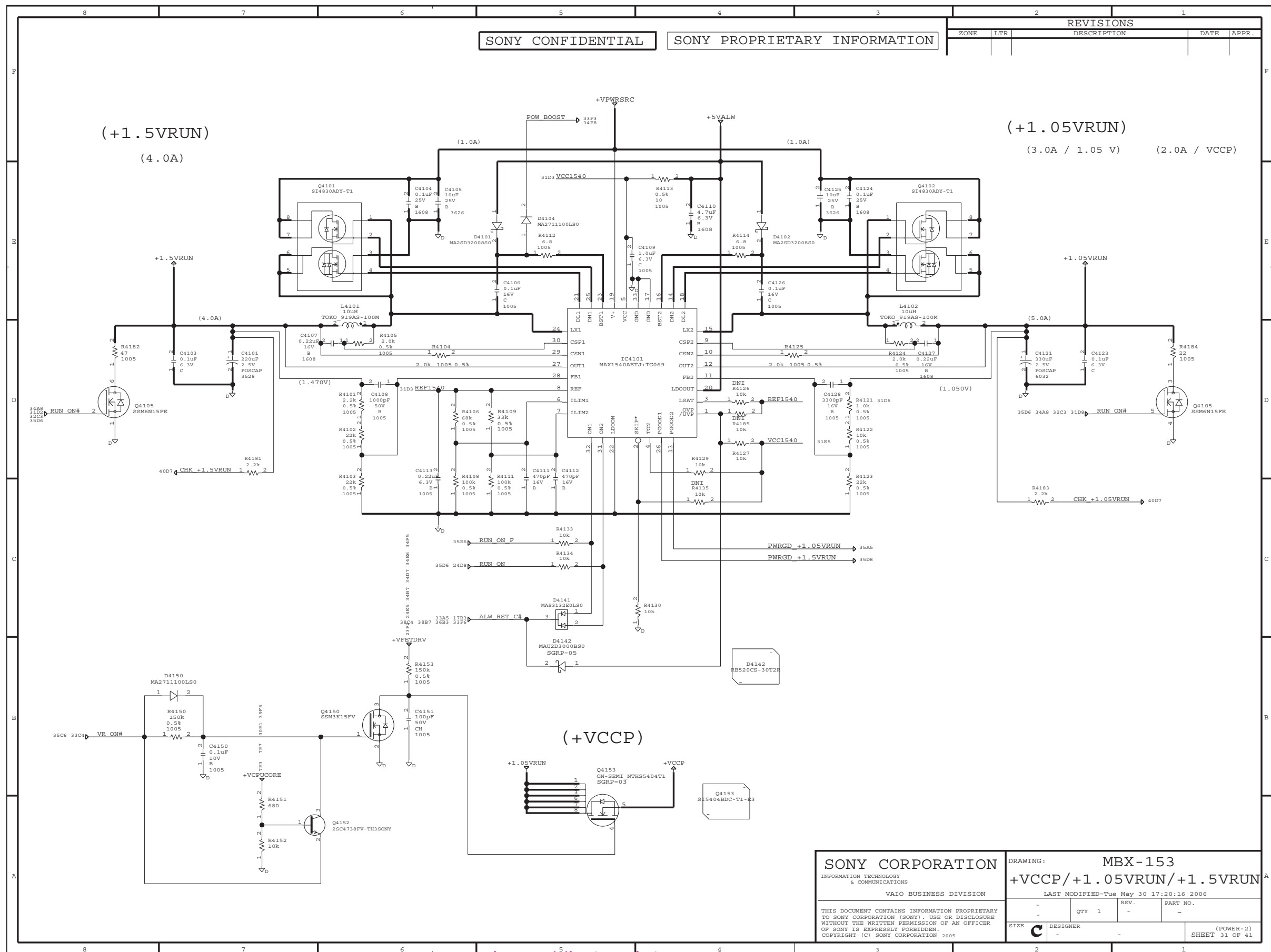
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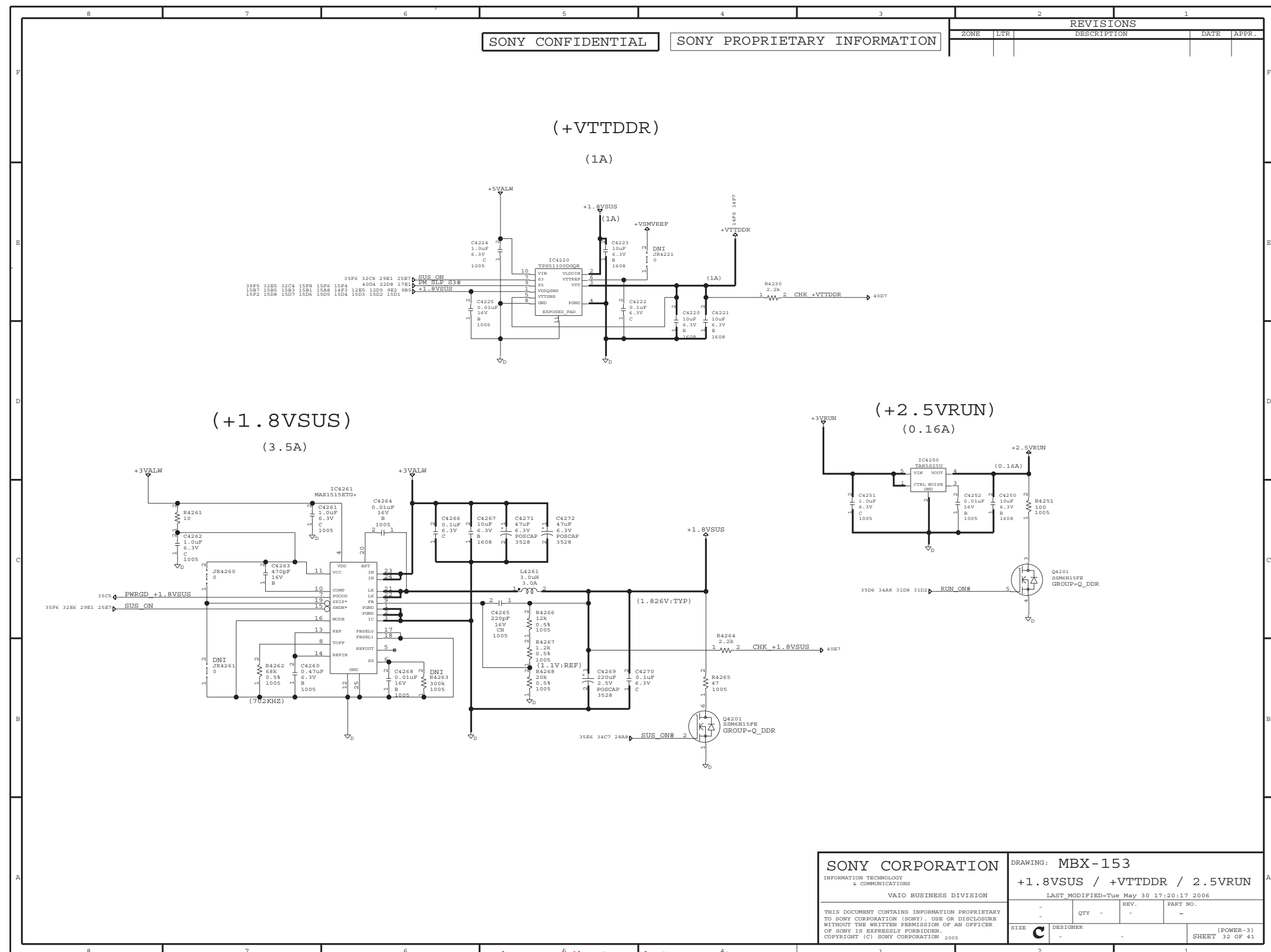
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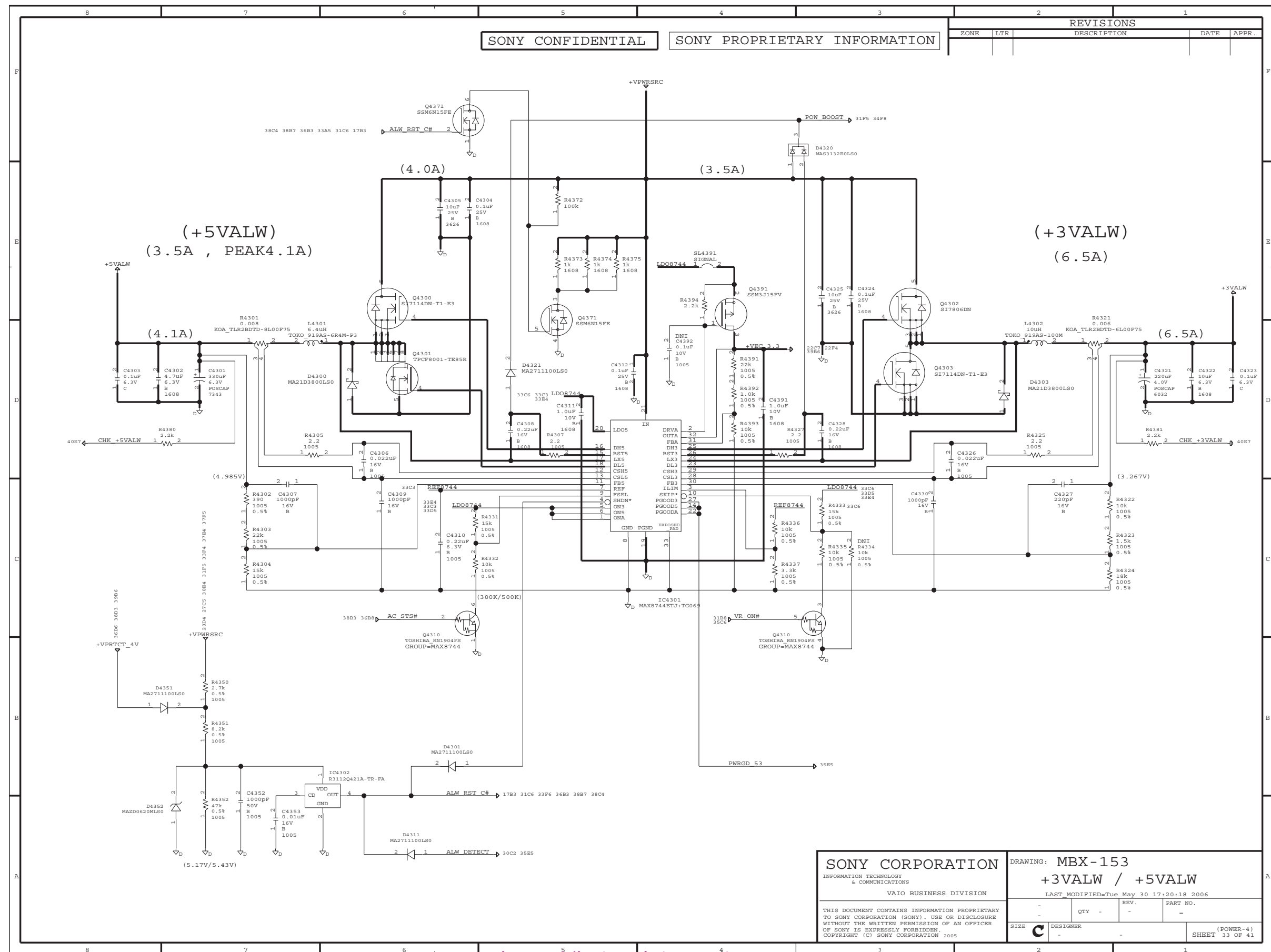
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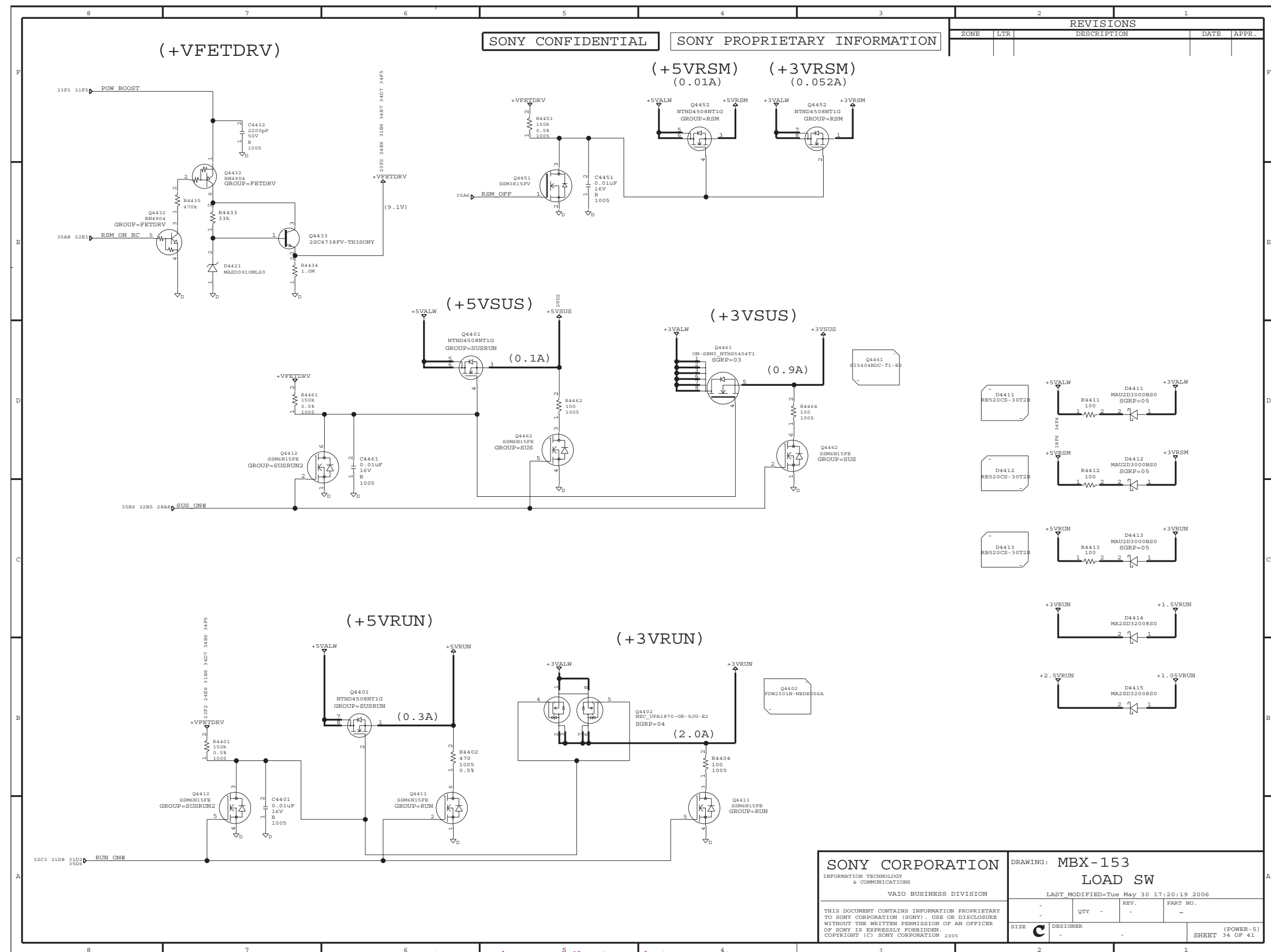
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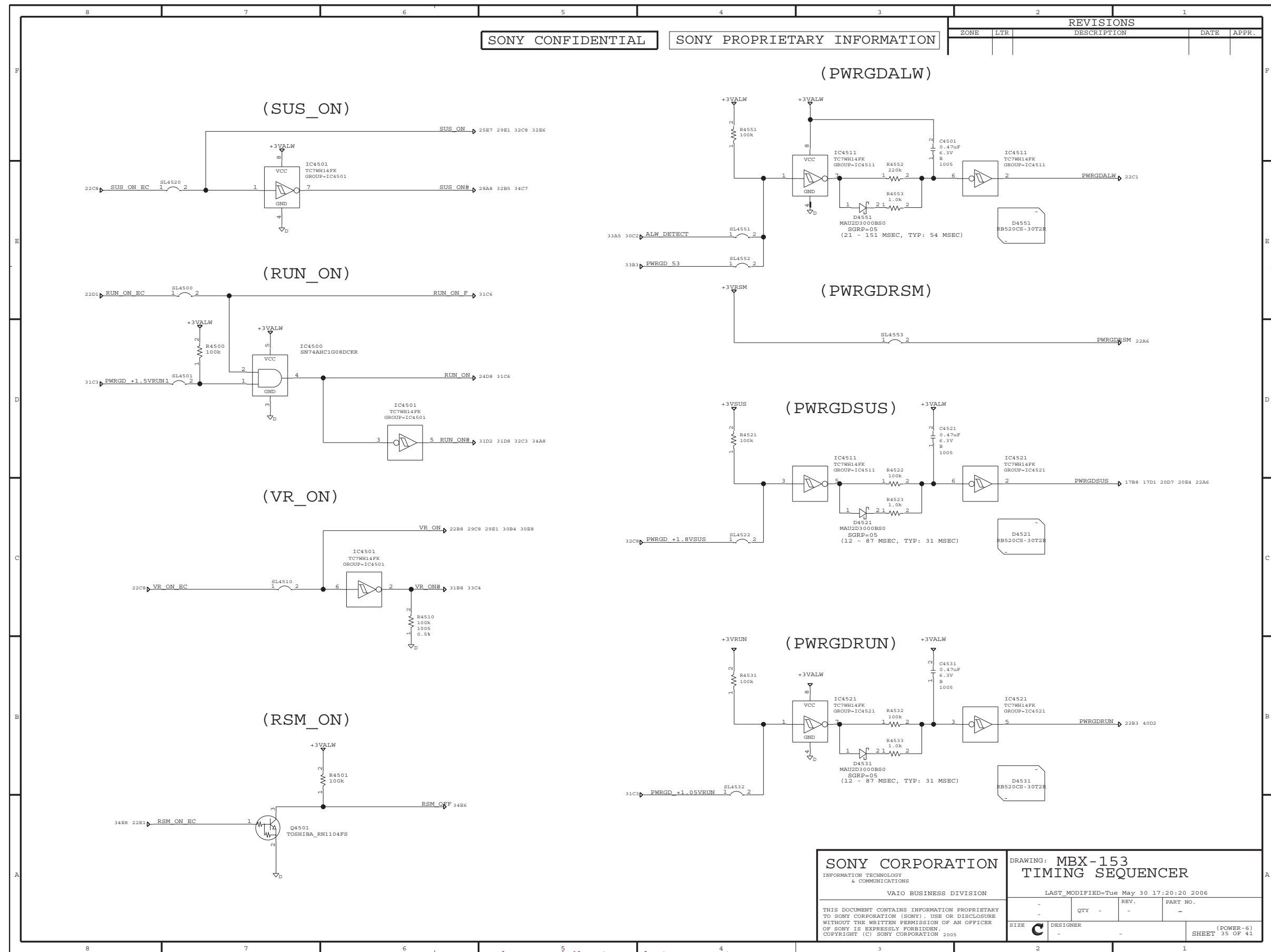


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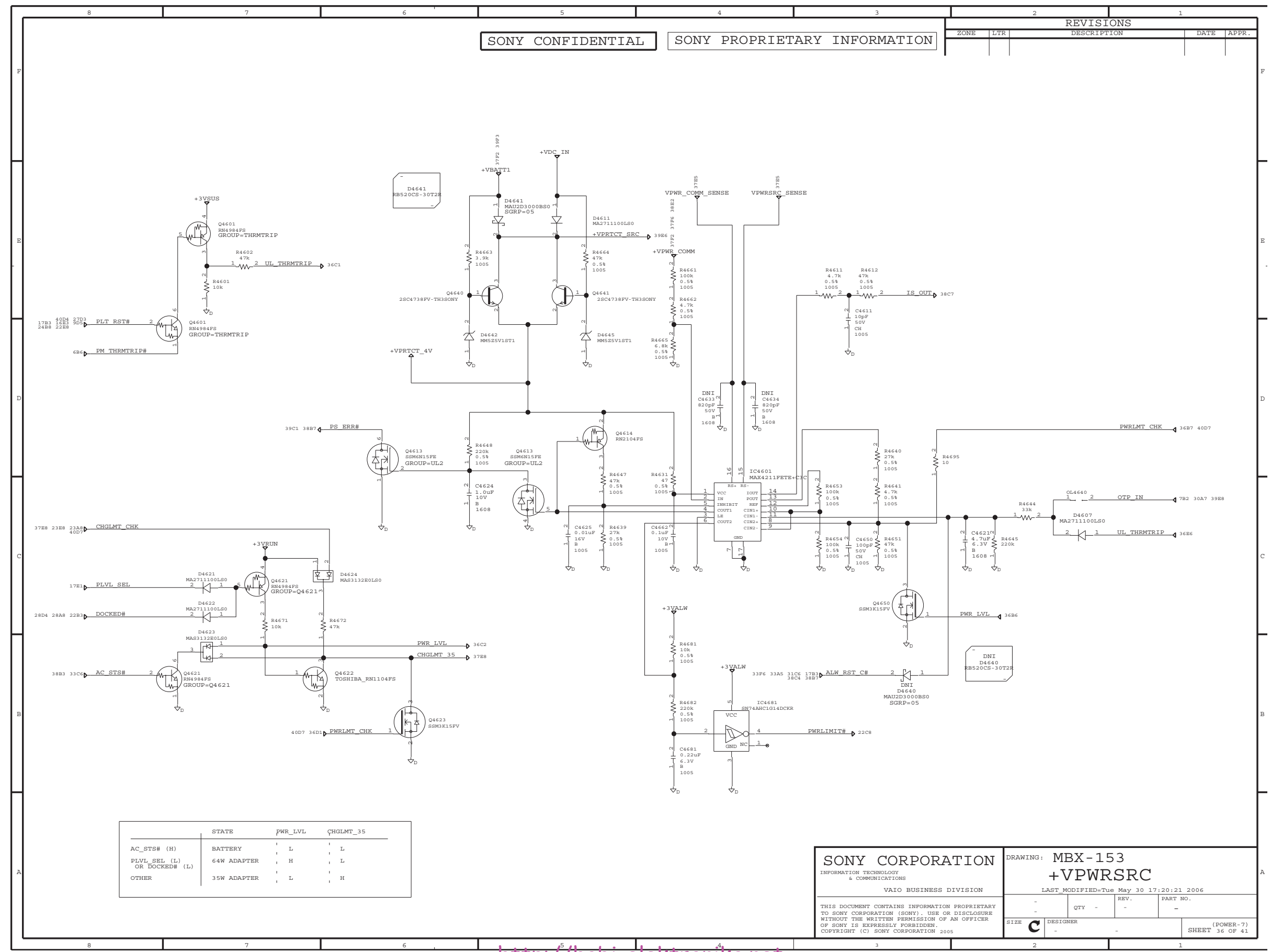
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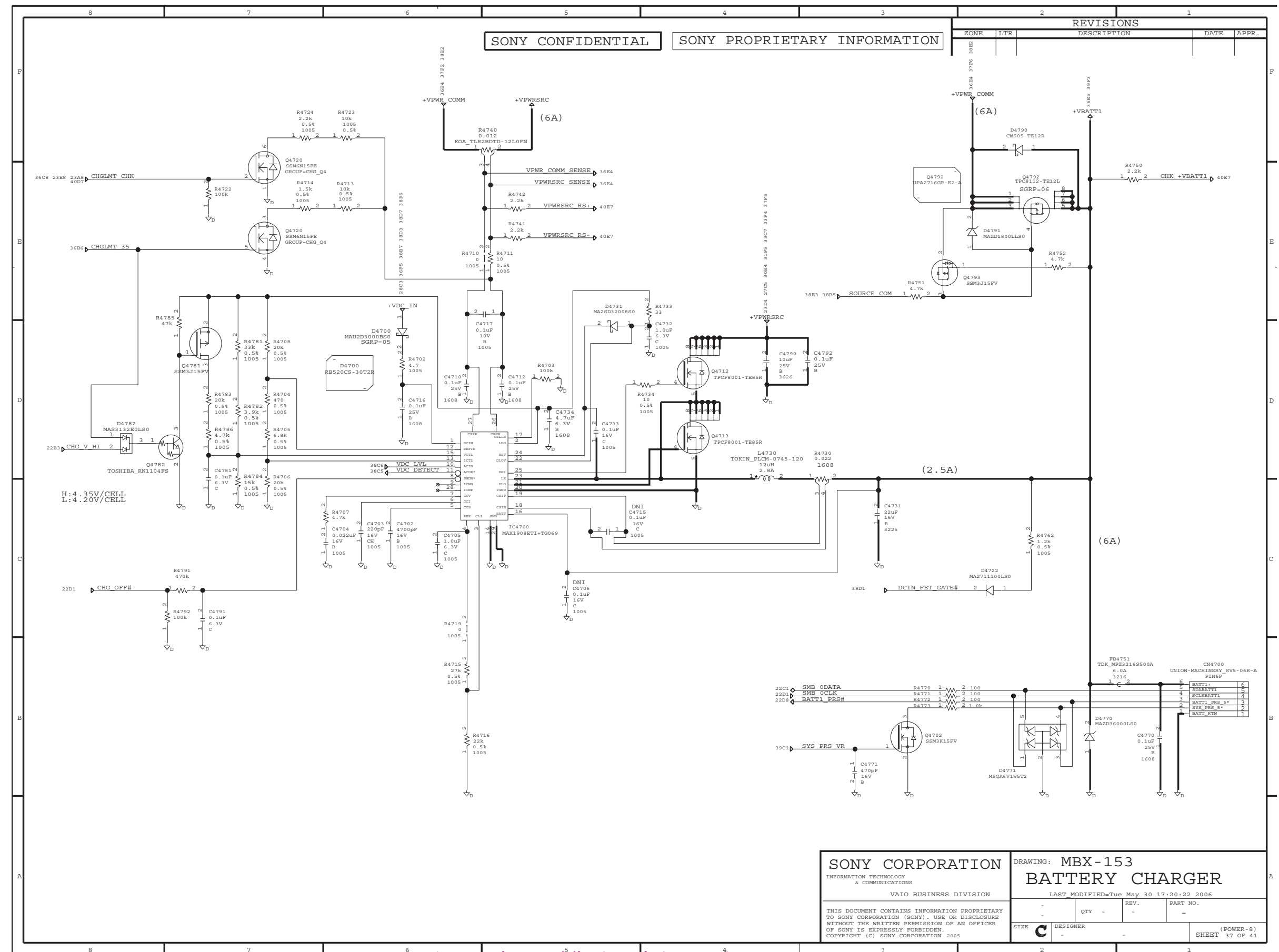
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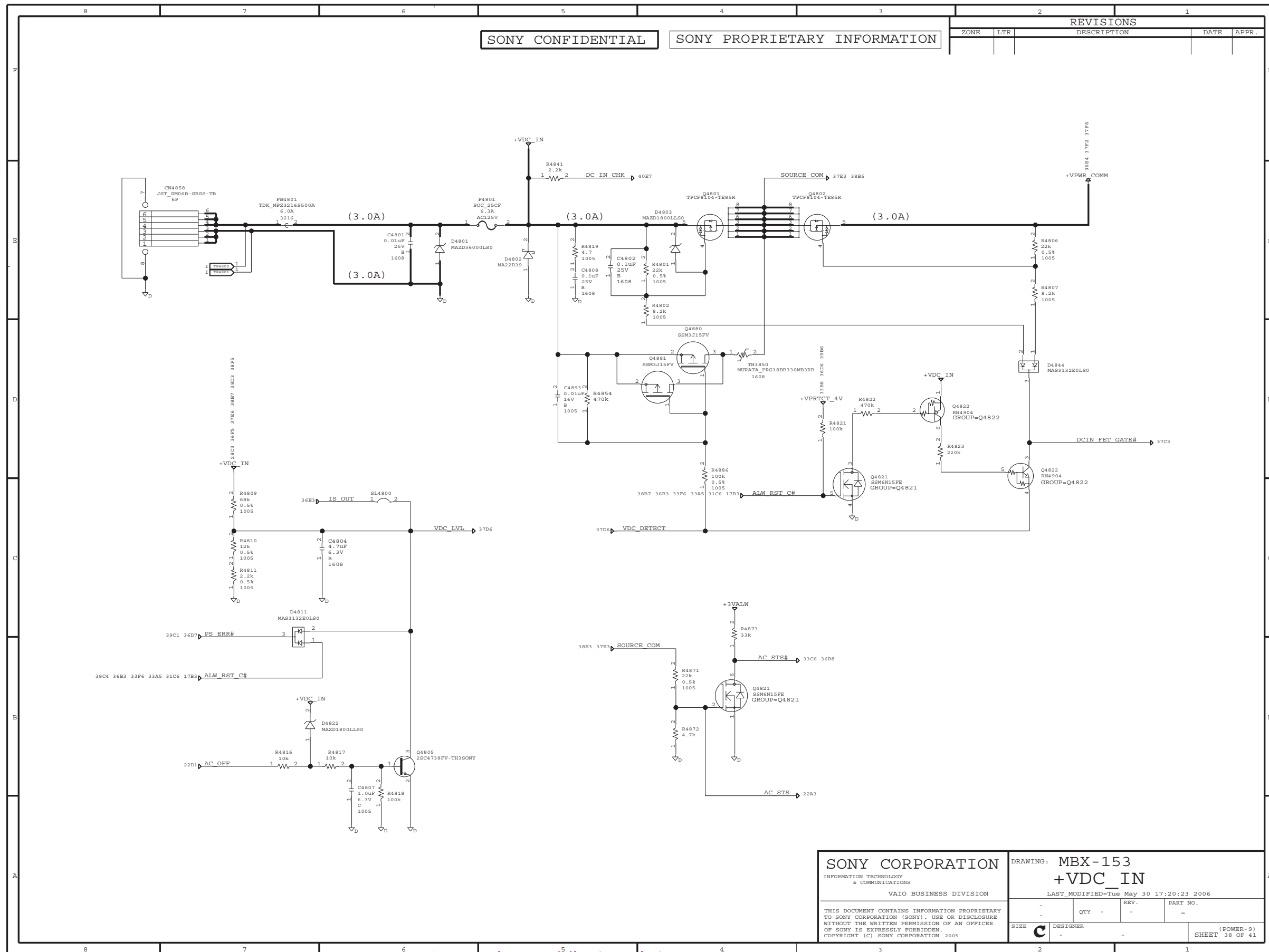
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SHEET 37 OF 41			(POWER-8)

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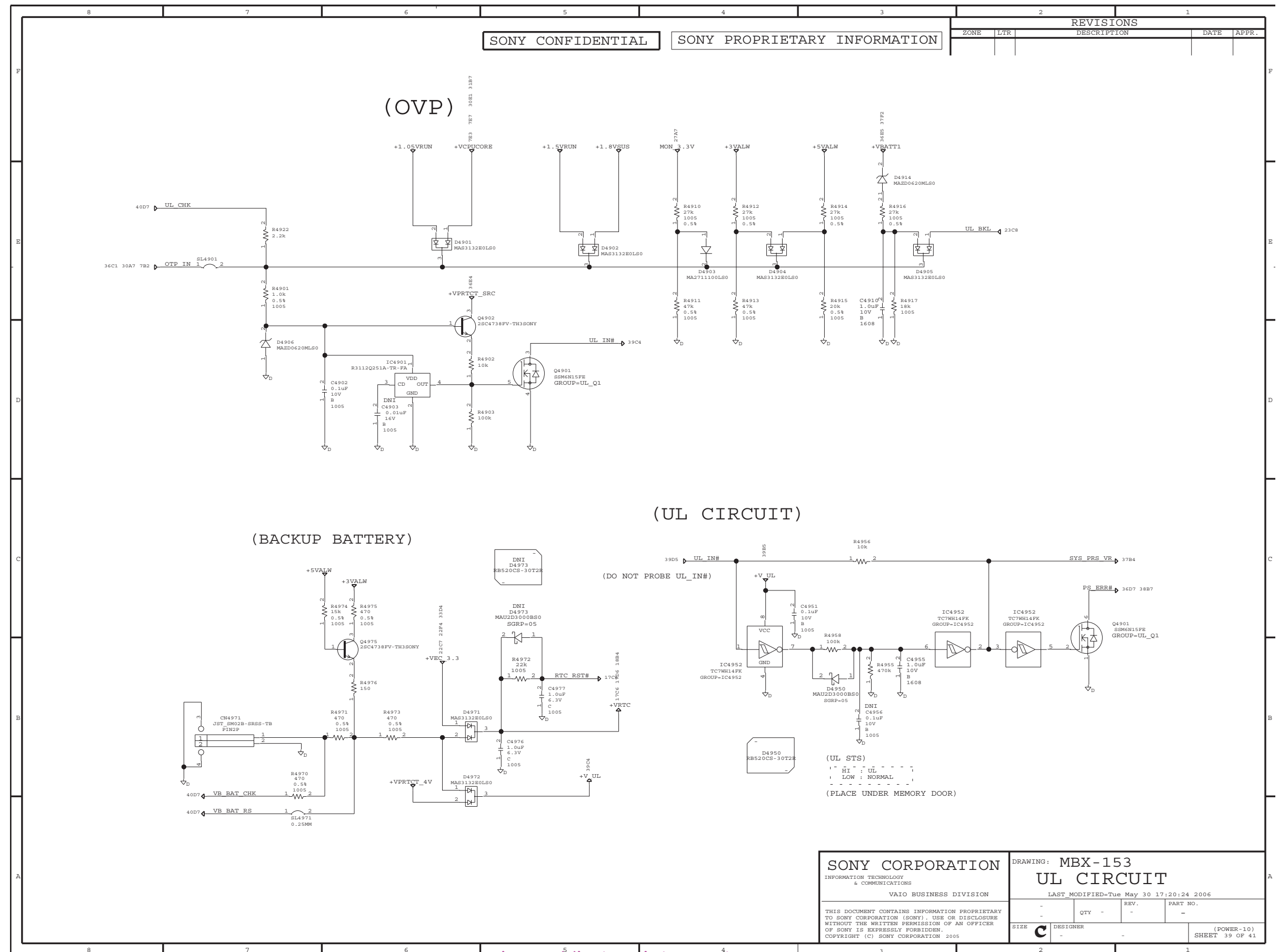
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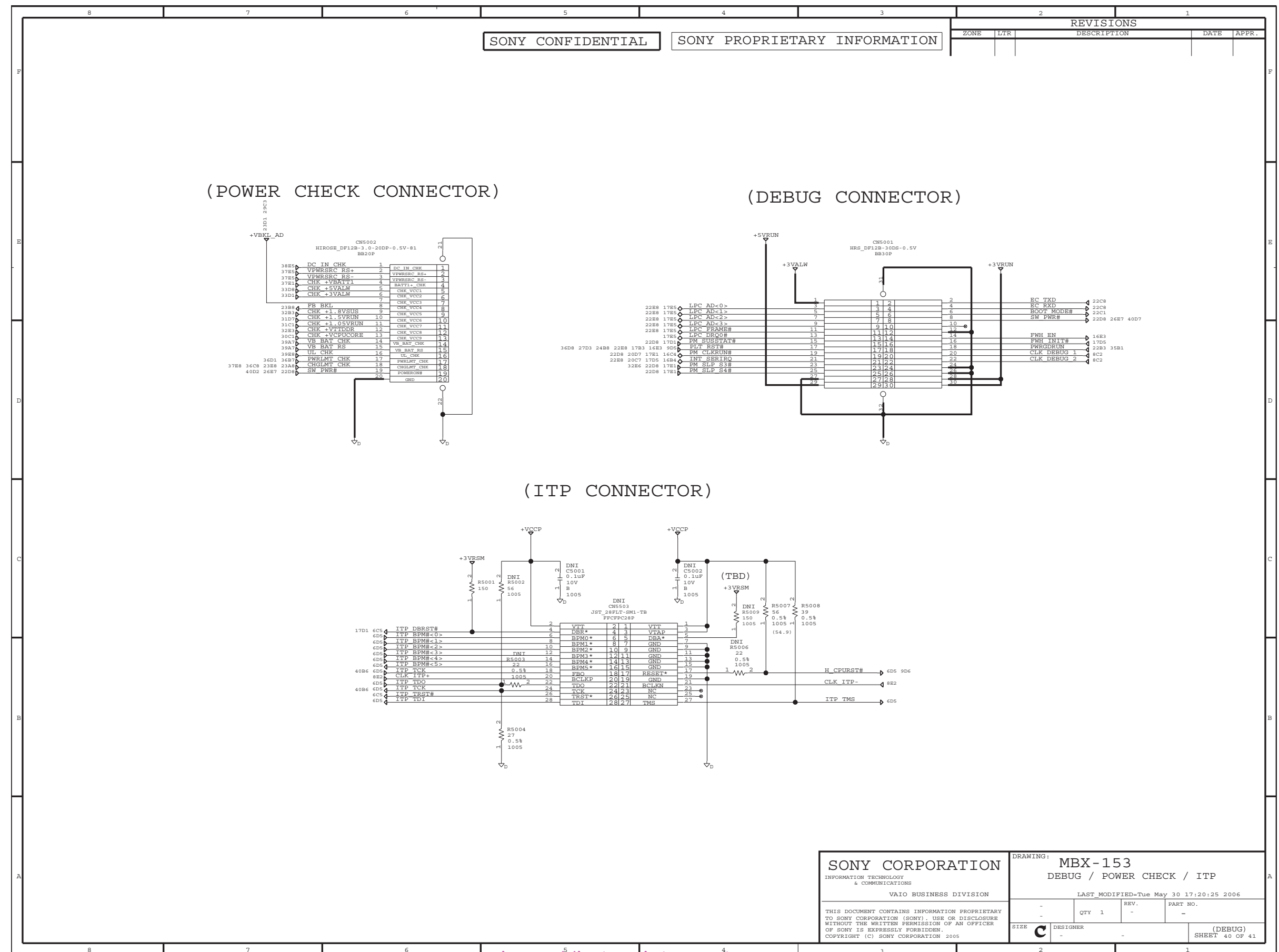


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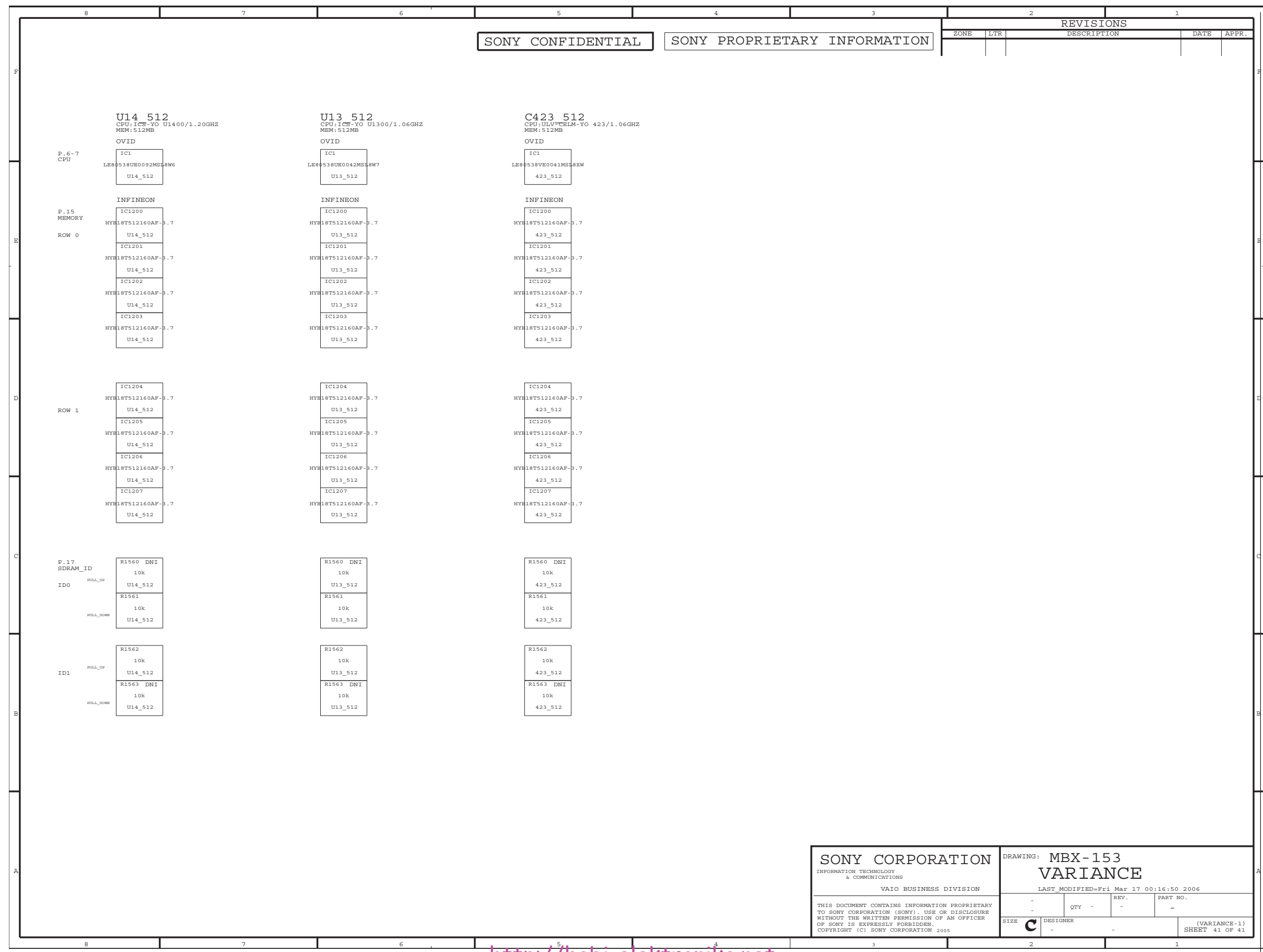
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 TX38CP/TX3HP/TX3XP/TX3XRP/TX52B/TX72B/TX72PZ/TX850FP/
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SIZE	DESIGNER	QTY	REV. PART NO.
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		<small>(VARIANCE-1) SHEET 41 OF 41</small>	

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TX38CP/TX3HP/TX3XP/TX3ZB/TX72B/TX72PZ/TX850FP/
TX850P/TX92PS/TX92S (J/AM/EU/AO)

Title: Basenet Report		Design: mbx153		Date: May 30 17:24:08 2006	
Base nets and synonyms for pwb_lib.MBX153 (@pwb_lib.mbx153 [sch_1])					
Base Signal	Synonyms	Location ([Zone] [dir])	=ACC_Z	=ACC_Z - @pwb_lib.MBX153	22D8
+1.05VRUN	+1.05VRUN - @pwb_lib.MBX153	12C5 12F5 18F4 31B5 31E2 34B1 39F6	=A_RCVENIN#	=A_RCVENIN# - @pwb_lib.MBX153	10C7
+1.5VRUN	+1.5VRUN - @pwb_lib.MBX153	7D6 11C4 11C5 11D4 11D7 11E5 11E7 12D3 12F3 13D5 18C7 18F8 27F5 31E7 34C1 39F5	=A_RCVENOUT#	=A_RCVENOUT# - @pwb_lib.MBX153	10C7
+1.5V_PCIE	+1.5V_PCIE - @pwb_lib.MBX153	11R4 13E3	=BEEP	=BEEP - @pwb_lib.MBX153	29D5
+1.5V_PCIE_ICH	+1.5V_PCIE_ICH - @pwb_lib.MBX153	16F7 18D6	=BKL_ON	=BKL_ON - @pwb_lib.MBX153	23D7
+1.8VSUS	+1.8VSUS - @pwb_lib.MBX153	9B5 9E2 12D5 12E5 14F3 15A8 15B1 15B3 15B5 15B7 15D1 15D2 15D3 15D4 15D5 15D6 15D7 15D8 15F2 15F4 15F6 15F8 32C4 32E5 32E6 39F5	=CARD_SCL	=CARD_SCL - @pwb_lib.MBX153	20C7
+2.5VRUN	+2.5VRUN - @pwb_lib.MBX153	11D6 11E6 11E7 11F4 11F4 32D2 34B2	=CARD_SDA	=CARD_SDA - @pwb_lib.MBX153	20C7
+3VALW	+3VALW - @pwb_lib.MBX153	20F3 22B4 22B5 22C6 22E6 22E6 22F3 22F4 22F4 22F5 23E3 23F2 24D7 26B6 26B7 26C6 26D6 26D7 26E6 26F6 26F7 28B7 29D4 32D6 32D8 33E1 34B5 34D1 34D4 34F4 35B3 35B3 35B7 35D3 35D7 35F3 35F4 35F7 36B4 36C4 38C4 39C6 39F4 40B4 46D4 47B4 47F5 48C4 48D4 22E6 34D1 34F3 35E4 40C4 40C6	=CFG5	=CFG5 - @pwb_lib.MBX153	9D3
+3VRSM	+3VRSM - @pwb_lib.MBX153	6F5 8F5 8F6 9D4 11C4 14B1 14B4 14E5 16D5 17A4 17A5 17A7 17B1 17B2 17B3 17D1 17D5 17E1 17F1 18C4 18D4 18D5 18D5 18E4 22C6 22F2 22F3 22F6 24C7 24D2 24E2 26C7 27E7 27F4 28C7 29F7 30C6 30F7 32D3 34B4 34C1 34C2 35B4 36C7 40E2	=CHG_TST	=CHG_TST - @pwb_lib.MBX153	22D6
+3VRUN	+3VRUN - @pwb_lib.MBX153	17E5 18C4 19E6 20C7 20C8 20D8 20F4 20F6 21D5 21D6 21E3 22F7 25D3 27C6 27F2 28E2 29B7 29D7 29E7 29F2 34D3 35D4 36E7	=CLKREQ_PEG#	=CLKREQ_PEG# - @pwb_lib.MBX153	22A4
+5VALW	+5VALW - @pwb_lib.MBX153	6C4 20F3 22B2 22F5 24F6 25E7 29F3 31F4 32E5 33E8 34B7 34D2 34E6 34F4 39C7 39F3	=D_PCIE_RST#	=D_PCIE_RST# - @pwb_lib.MBX153	22D6
+5VRSM	+5VRSM - @pwb_lib.MBX153	18F6 34D2 34F4	=D_SUS_ON	=D_SUS_ON - @pwb_lib.MBX153	28D4
+5VRUN	+5VRUN - @pwb_lib.MBX153	7B3 18F6 22F3 23D3 23D6 23E5 23E5 23E6 23E7 23F7 23F7 24E4 28C6 28D7 28E3 28E7 29C7 30B6 30E3 30E5 34B6 34C2 40E4	=EE_CS	=EE_CS - @pwb_lib.MBX153	17E5
+5VSUS	+5VSUS - @pwb_lib.MBX153	29D2 34E5	=EE_DIN	=EE_DIN - @pwb_lib.MBX153	17E5
+VA_VCC	+VA_VCC - @pwb_lib.MBX153	20E2 20F5	=EE_DOUT	=EE_DOUT - @pwb_lib.MBX153	17E5
+VBATT1	+VBATT1 - @pwb_lib.MBX153	36E5 37F2 39F3	=EE_SHCLK	=EE_SHCLK - @pwb_lib.MBX153	17E5
+VBKL_AD	+VBKL_AD - @pwb_lib.MBX153	23D1 29C3 40E7	=FPBACK	=FPBACK - @pwb_lib.MBX153	23D4
+VCCP	+VCCP - @pwb_lib.MBX153	6B7 6D4 6D5 6E5 7D3 7D6 9B6 9B6 9B7 9B7 9D5 11C2 11E1 17C4 18E4 30B5 31B4 40C4 40C5	=GSENSE_PR#	=GSENSE_PR# - @pwb_lib.MBX153	22D8
+VCPUCORE	+VCPUCORE - @pwb_lib.MBX153	7E3 7E7 7E7 30E1 31B7 39F6	=IDE_RST_F#	=IDE_RST_F# - @pwb_lib.MBX153	24C2
+VDC_IN	+VDC_IN - @pwb_lib.MBX153	28C3 36F5 37E6 38B7 38D3 38D7 38F5	=INTRUDER#	=INTRUDER# - @pwb_lib.MBX153	17C6
+VEC_3.3	+VEC_3.3 - @pwb_lib.MBX153	22C7 22F4 33D4 39B6	=LED_BATT1	=LED_BATT1 - @pwb_lib.MBX153	26C5
+VFETDRV	+VFETDRV - @pwb_lib.MBX153	23F2 24B6 31B6 34B7 34D7 34E6 34F5	=LED_BRIGHTNESS	=LED_BRIGHTNESS - @pwb_lib.MBX153	22C3
+VLCD	+VLCD - @pwb_lib.MBX153	23F1 29C3	=LED_BT	=LED_BT - @pwb_lib.MBX153	29E5
+VMS	+VMS - @pwb_lib.MBX153	21D2 25D4	=LED_CAPS	=LED_CAPS - @pwb_lib.MBX153	26B5
+VPRTCT_4V	+VPRTCT_4V - @pwb_lib.MBX153	33B8 36D6 38D3 39B6	=LED_GFX_EXT#	=LED_GFX_EXT# - @pwb_lib.MBX153	22B4
+VPRTCT_SRC	+VPRTCT_SRC - @pwb_lib.MBX153	36E4 39E6	=LED_HDD	=LED_HDD - @pwb_lib.MBX153	26C5
+VPWRSRC	+VPWRSRC - @pwb_lib.MBX153	23D4 27C5 30E4 31F5 33C7 33F4 37E4 37F5	=LED_MUTE#	=LED_MUTE# - @pwb_lib.MBX153	29E5
+VPWR_COMM	+VPWR_COMM - @pwb_lib.MBX153	36E4 37F2 37F6 38E2	=LED_NUM	=LED_NUM - @pwb_lib.MBX153	26B5
+VRTC	+VRTC - @pwb_lib.MBX153	17C6 17D6 18B4 39B5	=LED_PWR	=LED_PWR - @pwb_lib.MBX153	26D5
+VSD	+VSD - @pwb_lib.MBX153	21D2 25D4	=LED_SCR_L	=LED_SCR_L - @pwb_lib.MBX153	26B5
+VSMVREF	+VSMVREF - @pwb_lib.MBX153	9E1 14F4 15C1 15C3 15C5 15C7 15F1 15F3 15F5 15F7 32E4	=LED_STNDBY	=LED_STNDBY - @pwb_lib.MBX153	26D5
+VTDDR	+VTDDR - @pwb_lib.MBX153	14F6 14F6 14F7 32E4	=LED_WLAN	=LED_WLAN - @pwb_lib.MBX153	29E5
+V_UL	+V_UL - @pwb_lib.MBX153	39B5 39C4	=LED_WWAN	=LED_WWAN - @pwb_lib.MBX153	29E5
=5VOPT	=5VOPT - @pwb_lib.MBX153	24E4	=MSK_PCIRST	=MSK_PCIRST - @pwb_lib.MBX153	22C6
=VA_VPP	=VA_VPP - @pwb_lib.MBX153	20F1	=MS_PWON	=MS_PWON - @pwb_lib.MBX153	21D4
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=ACC_Y	=ACC_Y - @pwb_lib.MBX153	22D8	=PM_GFX_MGMT0#	=PM_GFX_MGMT0# - @pwb_lib.MBX153	22A4
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			=VGA_VSYNC	=VGA_VSYNC - @pwb_lib.MBX153	28D4
			=VGTREF0	=VGTREF0 - @pwb_lib.MBX153	6C4
			=VUSB0	=VUSB0 - @pwb_lib.MBX153	25B6
			=VUSB2	=VUSB2 - @pwb_lib.MBX153	25B6
			=WL_CH_CLK_PCIE_F	=WL_CH_CLK_PCIE_F - @pwb_lib.MBX153	27D6
			A20GATE	A20GATE - @pwb_lib.MBX153	16C4 17D5 22D8
			AC_OFF	AC_OFF - @pwb_lib.MBX153	22D1 38B7
			AC_STS	AC_STS - @pwb_lib.MBX153	22A3 38A3
			AC_STS#	AC_STS# - @pwb_lib.MBX153	33C6 36B8 38B3
			ALW_DETECT	ALW_DETECT - @pwb_lib.MBX153	30C2 33A5 35E5
			ALW_RST_#	ALW_RST_# - @pwb_lib.MBX153	17B3 31C6 33A5 33F6 36B3
			AVSS_EC	AVSS_EC - @pwb_lib.MBX153	22A7 22C5 22E4 22F5
			AZAUD_BCLK	AZAUD_BCLK - @pwb_lib.MBX153	17E5 29E1
			AZAUD_RST#	AZAUD_RST# - @pwb_lib.MBX153	17E5 29E1
			AZAUD_SDINO	AZAUD_SDINO - @pwb_lib.MBX153	17E5 29E1
			AZAUD_SDOUT	AZAUD_SDOUT - @pwb_lib.MBX153	17E5 29E1
			AZAUD_SYNC	AZAUD_SYNC - @pwb_lib.MBX153	17E5 29E1
			AZMDC_BCLK	AZMDC_BCLK - @pwb_lib.MBX153	17E5 25C6
			AZMDC_RST#	AZMDC_RST# - @pwb_lib.MBX153	17E5 25C6
			AZMDC_SDIN1	AZMDC_SDIN1 - @pwb_lib.MBX153	17E5 25C6
			AZMDC_SDOUT	AZMDC_SDOUT - @pwb_lib.MBX153	17E5 25C6
			AZMDC_SYNC	AZMDC_SYNC - @pwb_lib.MBX153	17E5 25C6
			A_A<0>	A_A<0> - @pwb_lib.MBX153	20B1 20E5
			A_A<1>	A_A<1> - @pwb_lib.MBX153	20B1 20E5
			A_A<2>	A_A<2> - @pwb_lib.MBX153	20B1 20E5
			A_A<3>	A_A<3> - @pwb_lib.MBX153	20B1 20E5
			A_A<4>	A_A<4> - @pwb_lib.MBX153	20C3 20E5
			A_A<5>	A_A<5> - @pwb_lib.MBX153	20C3 20E5
			A_A<6>	A_A<6> - @pwb_lib.MBX153	20C3 20E5
			A_A<7>	A_A<7> - @pwb_lib.MBX153	20C1 20E5
			A_A<8>	A_A<8> - @pwb_lib.MBX153	20C3 20E5
			A_A<9>	A_A<9> - @pwb_lib.MBX153	20C3 20E5
			A_A<10>	A_A<10> - @pwb_lib.MBX153	20C1 20E5
			A_A<11>	A_A<11> - @pwb_lib.MBX153	20C3 20E5
			A_A<12>	A_A<12> - @pwb_lib.MBX153	20C1 20E5
			A_A<13>	A_A<13> - @pwb_lib.MBX153	20C1 20E5
			A_A<14>	A_A<14> - @pwb_lib.MBX153	20C1 20E5

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SIZE C	DESIGNER	SHEET 42/42	

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*NOTE : [] [] [] Location Schematic Diagram Sheet Number DNI=Do Not Install

Table with columns for signal names, descriptions, and part numbers. Includes a REVISIONS table at the top right and a SONY CORPORATION header at the bottom right.

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*NOTE : Location Schematic Diagram Sheet Number DNI=Do Not Install

Table with columns for Zone, LTR, Description, Date, and Appr. It lists various signal pins and their corresponding descriptions and locations across different zones (A-F).

SONY CORPORATION information block containing product details, revision history, and manufacturing information.

*NOTE : [] [] [] Location Schematic Diagram Sheet Number DNI=Do Not Install

Table with columns for Zone, LTR, Description, Date, and Appr. containing various signal names and their corresponding locations and sheet numbers.

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SONY CORPORATION header and a table with columns for QTY, REV., PART NO., SIZE, DESIGNER, SHEET 46/46.

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*NOTE : [] [] [] Location Schematic Diagram Sheet Number DNI=Do Not Install

Table with columns for component names, locations, and part numbers. Includes a REVISIONS table at the top right and a SONY CORPORATION logo at the bottom right.

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*NOTE : [] [] [] [] Location Schematic Diagram Sheet Number
DNI=Do Not Install

			REVISIONS				
			ZONE	LTR	DESCRIPTION	DATE	APPR.
Title: Cref Part Report Design: mbx153 Date: May 30 17:24:08 2006							
C50	C_0603	mbx153[6E5]					
C52	C_0603	mbx153[6F5]					
C60	C_1608	mbx153[6B4]					
C100	C_1608	mbx153[7E3]					
C101	C_1608	mbx153[7E3]					
C102	C_1608	mbx153[7E2]					
C103	C_1608	mbx153[7E2]					
C104	C_1608	mbx153[7E2]					
C105	C_1608	mbx153[7E2]					
C106	C_1608	mbx153[7E2]					
C107	C_1608	mbx153[7E1]					
C108	C_1608	mbx153[7E1]					
C109	C_1608	mbx153[7E1]					
C110	C_1608	mbx153[7D3]					
C111	C_1608	mbx153[7D3]					
C112	C_1608	mbx153[7D2]					
C113	C_1608	mbx153[7D2]					
C114	C_1608	mbx153[7D2]					
C115	C_1608	mbx153[7D2]					
C116	C_1608	mbx153[7D2]					
C117	C_1608	mbx153[7D1]					
C118	C_1608	mbx153[7D1]					
C119	C_1608	mbx153[7D1]					
C120	C_0603	mbx153[7D3]					
C121	C_0603	mbx153[7D3]					
C122	C_0603	mbx153[7D2]					
C123	C_0603	mbx153[7D2]					
C124	C_0603	mbx153[7D2]					
C127	C_0603	mbx153[7D1]					
C130	C_1608	mbx153[7E3]					
C131	C_1608	mbx153[7E3]					
C140	C_1608	mbx153[7C3]					
C141	C_0603	mbx153[7C3]					
C142	C_0603	mbx153[7C2]					
C143	C_0603	mbx153[7C2]					
C144	C_0603	mbx153[7C2]					
C145	C_0603	mbx153[7C2]					
C146	C_0603	mbx153[7C2]					
C150	C_0603	mbx153[7C3]					
C151	C_0603	mbx153[7C3]					
C152	C_0603	mbx153[7C2]					
C153	C_0603	mbx153[7C2]					
C154	C_0603	mbx153[7C2]					
C155	C_0603	mbx153[7C2]					
C160	C_1608	mbx153[7C6]					
C161	C_1005	mbx153[7C6]					
C200	C_1005	mbx153[8E6]					
C201	C_0603	mbx153[8E7]					
C202	C_0603	mbx153[8E7]					
C203	C_0603	mbx153[8E7]					
C204	C_0603	mbx153[8E6]					
C205	C_0603	mbx153[8E6]					
C210	C_0603	mbx153[8E5]					
C211	C_0603	mbx153[8E5]					
C212	C_0603	mbx153[8E5]					
C220	C_0603	mbx153[8E7]					
C221	C_0603	mbx153[8E7]					
C307	C_0603	mbx153[9D6]					
C321	C_0603	mbx153[9B6]					
C322	C_0603	mbx153[9A6]					
C330	C_0603	mbx153[9E2]					
C331	C_0603	mbx153[9E2]					
C400	C_1608	mbx153[12B5]					
C401	C_1608	mbx153[12B5]					
C402	C_1608	mbx153[12B5]					
C403	C_0603	mbx153[12B5]					
C404	C_0603	mbx153[12B6]					
C405	C_0603	mbx153[12B6]					
C406	C_0603	mbx153[12B6]					
C407	C_0603	mbx153[12B6]					
C410	C_1608	mbx153[11D2]					
C411	C_1608	mbx153[11D2]					
C412	C_1005	mbx153[11E2]					
C413	C_1005	mbx153[11D2]					
C414	C_1005	mbx153[11C2]					
C415	C_1005	mbx153[11C2]					
C420	C_1608	mbx153[11E5]					
C421	C_1608	mbx153[11E5]					
C422	C_0603	mbx153[11E4]					
C423	C_1608	mbx153[11E6]					
C424	C_0603	mbx153[11E6]					
C425	C_0603	mbx153[11E6]					
C430	C_1608	mbx153[11E4]					
C431	C_0603	mbx153[11E4]					
C432	C_0603	mbx153[11D6]					
C433	C_1005	mbx153[11D5]					
C434	C_1608	mbx153[11C4]					
C435	C_0603	mbx153[11C4]					
C440	C_0603	mbx153[11E4]					
C441	C_0603	mbx153[11D7]					
C442	C_1005	mbx153[11D6]					
C450	C_1608	mbx153[11D7]					
C451	C_0603	mbx153[11D6]					
C452	C_1608	mbx153[11C7]					
C453	C_0603	mbx153[11C6]					
C454	C_1608	mbx153[11C7]					
C455	C_0603	mbx153[11C6]					
C456	C_1608	mbx153[11C7]					
C457	C_0603	mbx153[11C6]					
C460	C_1608	mbx153[11C4]					
C461	C_0603	mbx153[11C4]					
C470	C_1608	mbx153[12E5]					
C471	C_1608	mbx153[12E5]					
C472	C_1608	mbx153[12E6]					
C473	C_1608	mbx153[12E6]					
C474	C_1005	mbx153[12E6]					
C475	C_1005	mbx153[12E6]					
C476	C_1005	mbx153[12D6]					
C477	C_1005	mbx153[12C6]					
C478	C_1005	mbx153[12C6]					
C479	C_0603	mbx153[12E6]					
C480	C_1608	mbx153[12E3]					
C481	C_0603	mbx153[12E3]					
C490	C_1608	mbx153[12D6]					
C491	C_1608	mbx153[12D6]					
C492	C_1608	mbx153[12D6]					
C493	C_1608	mbx153[12D5]					
C494	C_1608	mbx153[12D5]					
C520	C_1005	mbx153[13D3]					
C521	C_1005	mbx153[13D2]					
C522	C_1005	mbx153[13D2]					
C1100	C_1608	mbx153[14F3]					
C1101	C_0603	mbx153[14F3]					
C1102	C_0603	mbx153[14A3]					
C1110	C_1608	mbx153[14F3]					
C1111	C_1608	mbx153[14F3]					
C1112	C_0603	mbx153[14F2]					
C1113	C_0603	mbx153[14F2]					
C1114	C_0603	mbx153[14F2]					
C1115	C_0603	mbx153[14F2]					
C1120	C_0603	mbx153[14F6]					
C1121	C_0603	mbx153[14F5]					
C1122	C_0603	mbx153[14F5]					
C1123	C_0603	mbx153[14F5]					
C1124	C_0603	mbx153[14F5]					
C1125	C_0603	mbx153[14F5]					
C1126	C_0603	mbx153[14F4]					
C1130	C_0603	mbx153[14E6]					
C1131	C_0603	mbx153[14E5]					
C1132	C_0603	mbx153[14E5]					
C1133	C_0603	mbx153[14E5]					
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C1135	C_0603	mbx153[14E5]					
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C1161	C_1608	mbx153[15A8]					
C1162	C_1608	mbx153[15A8]					
C1163	C_1608	mbx153[15A7]					
C1164	C_1608	mbx153[15A7]					
C1165	C_1608	mbx153[15A7]					
C1166	C_1608	mbx153[15A7]					
C1180	C_1005	mbx153[14E6]					
C1200	C_0603	mbx153[15F8]					
C1201	C_0603	mbx153[15F7]					
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C1203	C_0603	mbx153[15F7]					
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C1205	C_0603	mbx153[15F7]					
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C1207	C_0603	mbx153[15F6]					
C1208	C_0603	mbx153[15E7]					
C1210	C_0603	mbx153[15F6]					
C1211	C_0603	mbx153[15F6]					
C1212	C_0603	mbx153[15F5]					
C1213	C_0603	mbx153[15F5]					
C1214	C_0603	mbx153[15F5]					
C1215	C_0603	mbx153[15F5]					
C1216	C_0603	mbx153[15F5]					
C1217	C_0603	mbx153[15F4]					

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SIZE C	DESIGNER -	PART NO. -	
		SHEET 48	

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*NOTE : □ □ □ □

Location

Schematic Diagram Sheet Number

DNI=Do Not Install

			REVISIONS				
			ZONE	LTR	DESCRIPTION	DATE	APPR.
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C1219	C_1608	mbx153 [15F6]					
C1220	C_0603	mbx153 [15F4]					
C1221	C_0603	mbx153 [15F4]					
C1222	C_0603	mbx153 [15F4]					
C1223	C_0603	mbx153 [15F3]					
C1224	C_0603	mbx153 [15F3]					
C1225	C_0603	mbx153 [15F3]					
C1226	C_0603	mbx153 [15F3]					
C1227	C_0603	mbx153 [15F3]					
C1228	C_0603	mbx153 [15E3]					
C1229	C_1608	mbx153 [15F4]					
C1230	C_0603	mbx153 [15F2]					
C1231	C_0603	mbx153 [15F2]					
C1232	C_0603	mbx153 [15F2]					
C1233	C_0603	mbx153 [15F1]					
C1234	C_0603	mbx153 [15F1]					
C1235	C_0603	mbx153 [15F1]					
C1236	C_0603	mbx153 [15F1]					
C1237	C_0603	mbx153 [15F1]					
C1238	C_0603	mbx153 [15E1]					
C1240	C_0603	mbx153 [15C8]					
C1241	C_0603	mbx153 [15C7]					
C1242	C_0603	mbx153 [15C7]					
C1243	C_0603	mbx153 [15C7]					
C1244	C_0603	mbx153 [15C7]					
C1245	C_0603	mbx153 [15C7]					
C1246	C_0603	mbx153 [15C7]					
C1247	C_0603	mbx153 [15C6]					
C1248	C_0603	mbx153 [15C7]					
C1250	C_0603	mbx153 [15C6]					
C1251	C_0603	mbx153 [15C6]					
C1252	C_0603	mbx153 [15C5]					
C1253	C_0603	mbx153 [15C5]					
C1254	C_0603	mbx153 [15C5]					
C1255	C_0603	mbx153 [15C5]					
C1256	C_0603	mbx153 [15C5]					
C1257	C_0603	mbx153 [15C4]					
C1258	C_0603	mbx153 [15C5]					
C1259	C_1608	mbx153 [15C6]					
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C1267	C_0603	mbx153 [15C3]					
C1268	C_0603	mbx153 [15C3]					
C1269	C_1608	mbx153 [15C4]					
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C1280	C_0603	mbx153 [15D7]					
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C1296	C_0603	mbx153 [15A1]					
C1297	C_0603	mbx153 [15A1]					
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C1301	C_1005	mbx153 [19C6]					
C1305	C_1005	mbx153 [19D5]					
C1310	C_1608	mbx153 [19E6]					
C1311	C_1005	mbx153 [19E6]					
C1312	C_1005	mbx153 [19E6]					
C1313	C_1005	mbx153 [19E5]					
C1314	C_1005	mbx153 [19E5]					
C1315	C_1608	mbx153 [19E5]					
C1321	C_1005	mbx153 [19D5]					
C1322	C_1005	mbx153 [19D4]					
C1323	C_1005	mbx153 [19D4]					
C1412	C_0603	mbx153 [16B7]					
C1413	C_0603	mbx153 [16D7]					
C1500	C_1005	mbx153 [17C6]					
C1501	C_1005	mbx153 [17C5]					
C1570	C_1005	mbx153 [17B2]					
C1580	C_0603	mbx153 [17B4]					
C1600	C_0603	mbx153 [18F6]					
C1601	C_0603	mbx153 [18F7]					
C1610	C_0603	mbx153 [18E6]					
C1612	C_1608	mbx153 [18E7]					
C1613	C_1005	mbx153 [18E7]					
C1620	C_1608	mbx153 [18D7]					
C1621	C_0603	mbx153 [18D7]					
C1622	C_0603	mbx153 [18D7]					
C1623	C_0603	mbx153 [18D6]					
C1625	C_1608	mbx153 [18D7]					
C1630	C_1005	mbx153 [18C7]					
C1631	C_0603	mbx153 [18C7]					
C1632	C_0603	mbx153 [18C6]					
C1640	C_0603	mbx153 [18E4]					
C1641	C_1005	mbx153 [18E4]					
C1642	CE_3528	mbx153 [18E4]					
C1643	C_0603	mbx153 [18E4]					
C1644	C_0603	mbx153 [18E4]					
C1645	C_1608	mbx153 [18E4]					
C1650	C_0603	mbx153 [18D4]					
C1651	C_0603	mbx153 [18D4]					
C1652	C_0603	mbx153 [18D5]					
C1653	C_0603	mbx153 [18D4]					
C1654	C_0603	mbx153 [18D5]					
C1660	C_0603	mbx153 [18C4]					
C1661	C_0603	mbx153 [18C4]					
C1662	C_0603	mbx153 [18C4]					
C1663	C_0603	mbx153 [18C4]					
C1664	C_0603	mbx153 [18C4]					
C1665	C_0603	mbx153 [18B4]					
C1670	C_0603	mbx153 [18B4]					
C1671	C_0603	mbx153 [18B4]					
C1701	C_1005	mbx153 [20A7]					
C1702	C_1005	mbx153 [20A7]					
C1711	C_1005	mbx153 [20F8]					
C1712	C_1005	mbx153 [20F8]					
C1713	C_1005	mbx153 [20F8]					
C1714	C_1005	mbx153 [20F7]					
C1715	C_1005	mbx153 [20F7]					
C1716	C_1005	mbx153 [20F7]					
C1717	C_1005	mbx153 [20F7]					
C1718	C_1005	mbx153 [20P7]					
C1721	C_1005	mbx153 [20F5]					
C1722	C_1005	mbx153 [20F5]					
C1725	C_1005	mbx153 [20P4]					
C1726	C_1005	mbx153 [20P4]					
C1750	C_1608	mbx153 [20E2]					
C1751	C_1005	mbx153 [20D1]					
C1752	C_1005	mbx153 [20B1]					
C1753	C_0603	mbx153 [20D1]					
C1758	C_0603	mbx153 [20D3]					
C1759	C_0603	mbx153 [20E2]					
C1821	C_1608	mbx153 [21D3]					
C1822	C_0603	mbx153 [21D3]					
C1850	C_1005	mbx153 [21C6]					
C1851	C_1005	mbx153 [21C5]					
C1852	C_1005	mbx153 [21C5]					
C1900	C_1005	mbx153 [22C4]					
C1901	C_1005	mbx153 [22C3]					
C1910	C_0603	mbx153 [22E5]					
C1911	C_0603	mbx153 [22E5]					
C1912	C_0603	mbx153 [22B5]					
C1913	C_0603	mbx153 [22P5]					
C1914	C_0603	mbx153 [22E4]					
C1915	C_1005	mbx153 [22P5]					
C1917	C_1005	mbx153 [22C7]					
C1990	C_0603	mbx153 [22B7]					
C1991	C_1005	mbx153 [22B8]					
C1992	C_1005	mbx153 [22B8]					
C1993	C_1005	mbx153 [22B8]					
C2111	C_1005	mbx153 [23E2]					
C2120	C_1005	mbx153 [23C7]					
C2125	C_1005	mbx153 [23B6]					
C2150	C_1005	mbx153 [23A7]					
C2170	C_0603	mbx153 [23C4]					
C2172	C_3626	mbx153 [23D3]					
C2173	C_2012	mbx153 [23D2]					
C2175	C_1005	mbx153 [23C4]					
C2178	C_3626	mbx153 [23D2]					
C2179	C_1608	mbx153 [23C2]					
C2251	C_1005	mbx153 [24D6]					
C2310	C_0603	mbx153 [25E7]					
C2311	C_2012	mbx153 [25E5]					
C2312	C_2012	mbx153 [25E5]					
C2313	C_0603	mbx153 [25E4]					
C2330	C_0603	mbx153 [25D3]					
C2500	C_1608	mbx153 [27E4]					
C2513	C_0603	mbx153 [27E4]					
C2514	C_0603	mbx153 [27E4]					

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		SHEET 49	

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VGN-TX36C/TX36GP/TX36SP/TX37CP/TX37GP/TX37LP/TX37SP/TX37TP/TX38CP/TX3HP/TX3XP/TX3XRP/TX52B/TX72B/TX72PZ/TX850FP/TX850P/TX92PS/TX92S (J/AM/EU/AO)

*NOTE :
 Location
 Schematic Diagram Sheet Number
 DNI=Do Not Install

			REVISIONS				
			ZONE	LTR	DESCRIPTION	DATE	APPR.
C2515	C_0603	mbx153 [27E4]					
C2520	C_1608	mbx153 [27E4]					
C2521	C_1608	mbx153 [27E3]					
C2522	C_1608	mbx153 [27E3]					
C2532	C_0603	mbx153 [27E4]					
C2533	C_0603	mbx153 [27E3]					
C2551	C_0603	mbx153 [27E2]					
C2600	C_0603	mbx153 [28E3]					
C2601	C_0603	mbx153 [28E3]					
C2910	C_1608	mbx153 [29C7]					
C3900	C_1608	mbx153 [30D5]					
C3901	C_0603	mbx153 [30D7]					
C3902	C_1005	mbx153 [30D7]					
C3903	C_0603	mbx153 [30C7]					
C3904	C_0603	mbx153 [30C6]					
C3905	C_1005	mbx153 [30B3]					
C3906	C_1005	mbx153 [30C5]					
C3907	C_0603	mbx153 [30C5]					
C3908	C_0603	mbx153 [30C6]					
C3909	C_0603	mbx153 [30C6]					
C3951	C_1608	mbx153 [30D4]					
C3952	C_1608	mbx153 [30D5]					
C3960	C_1608	mbx153 [30E4]					
C3961	C_3626	mbx153 [30E4]					
C3962	C_3626	mbx153 [30E4]					
C3970	C_0603	mbx153 [30F7]					
C3971	C_1005	mbx153 [30F6]					
C3990	CE_7343	mbx153 [30D1]					
C4101	CE_3528	mbx153 [31D7]					
C4103	C_0603	mbx153 [31D7]					
C4104	C_1608	mbx153 [31E6]					
C4105	C_3626	mbx153 [31E6]					
C4106	C_1005	mbx153 [31E5]					
C4107	C_1608	mbx153 [31D6]					
C4108	C_1005	mbx153 [31D6]					
C4109	C_1005	mbx153 [31E5]					
C4110	C_1608	mbx153 [31E4]					
C4111	C_0603	mbx153 [31C5]					
C4112	C_0603	mbx153 [31C5]					
C4113	C_1005	mbx153 [31C6]					
C4121	CE_6032	mbx153 [31D2]					
C4123	C_0603	mbx153 [31D2]					
C4124	C_1608	mbx153 [31E3]					
C4125	C_3626	mbx153 [31E3]					
C4126	C_1005	mbx153 [31E4]					
C4127	C_1608	mbx153 [31D3]					
C4128	C_1005	mbx153 [31D3]					
C4150	C_1005	mbx153 [31B7]					
C4151	C_1005	mbx153 [31B6]					
C4220	C_1608	mbx153 [32D4]					
C4221	C_1608	mbx153 [32D4]					
C4222	C_0603	mbx153 [32E5]					
C4223	C_1608	mbx153 [32E5]					
C4224	C_1005	mbx153 [32E5]					
C4225	C_1005	mbx153 [32E6]					
C4250	C_1608	mbx153 [32C2]					
C4251	C_1005	mbx153 [32C3]					
C4252	C_1005	mbx153 [32C3]					
C4260	C_1005	mbx153 [32B7]					
C4261	C_1005	mbx153 [32C7]					
C4262	C_1005	mbx153 [32C7]					
C4263	C_0603	mbx153 [32C7]					
C4264	C_1005	mbx153 [32C6]					
C4265	C_1005	mbx153 [32C5]					
C4266	C_0603	mbx153 [32C6]					
C4267	C_1608	mbx153 [32C6]					
C4268	C_1005	mbx153 [32B6]					
C4269	CE_3528	mbx153 [32B5]					
C4270	C_0603	mbx153 [32B5]					
C4271	CE_3528	mbx153 [32C5]					
C4272	CE_3528	mbx153 [32C5]					
C4301	CE_7343	mbx153 [33D7]					
C4302	C_1608	mbx153 [33D8]					
C4303	C_0603	mbx153 [33D8]					
C4304	C_1608	mbx153 [33E6]					
C4305	C_3626	mbx153 [33E6]					
C4306	C_1005	mbx153 [33D6]					
C4307	C_0603	mbx153 [33C7]					
C4308	C_1608	mbx153 [33D5]					
C4309	C_0603	mbx153 [33C6]					
C4310	C_1005	mbx153 [33C6]					
C4311	C_1608	mbx153 [33D5]					
C4312	C_1608	mbx153 [33D5]					
C4321	CE_6032	mbx153 [33D1]					
C4322	C_1608	mbx153 [33D1]					
C4323	C_0603	mbx153 [33D1]					
C4324	C_1608	mbx153 [33E3]					
C4325	C_3626	mbx153 [33E3]					
C4326	C_1005	mbx153 [33D3]					
C4327	C_0603	mbx153 [33C2]					
C4328	C_1608	mbx153 [33D3]					
C4330	C_0603	mbx153 [33C3]					
C4352	C_1005	mbx153 [33A7]					
C4353	C_1005	mbx153 [33A7]					
C4391	C_1608	mbx153 [33D4]					
C4392	C_1005	mbx153 [33D4]					
C4401	C_1005	mbx153 [34A7]					
C4432	C_1005	mbx153 [34F7]					
C4451	C_1005	mbx153 [34E5]					
C4461	C_1005	mbx153 [34D6]					
C4501	C_1005	mbx153 [35F3]					
C4521	C_1005	mbx153 [35D3]					
C4531	C_1005	mbx153 [35B3]					
C4611	C_1005	mbx153 [36D3]					
C4621	C_1608	mbx153 [36C2]					
C4624	C_1608	mbx153 [36C6]					
C4625	C_1005	mbx153 [36C5]					
C4633	C_1608	mbx153 [36D4]					
C4634	C_1608	mbx153 [36D4]					
C4650	C_1005	mbx153 [36C3]					
C4662	C_1005	mbx153 [36C4]					
C4681	C_1005	mbx153 [36B4]					
C4702	C_1005	mbx153 [37C6]					
C4703	C_1005	mbx153 [37C6]					
C4704	C_1005	mbx153 [37C7]					
C4705	C_1005	mbx153 [37C6]					
C4706	C_1005	mbx153 [37C5]					
C4710	C_1608	mbx153 [37D6]					
C4712	C_1608	mbx153 [37D5]					
C4715	C_1005	mbx153 [37C5]					
C4716	C_1608	mbx153 [37D6]					
C4717	C_1005	mbx153 [37E6]					
C4731	C_3225	mbx153 [37C3]					
C4732	C_1005	mbx153 [37D4]					
C4733	C_1005	mbx153 [37D5]					
C4734	C_1608	mbx153 [37D5]					
C4770	C_1608	mbx153 [37B1]					
C4771	C_0603	mbx153 [37B3]					
C4781	C_0603	mbx153 [37C7]					
C4790	C_3626	mbx153 [37D4]					
C4791	C_0603	mbx153 [37C7]					
C4792	C_1608	mbx153 [37D3]					
C4801	C_1608	mbx153 [38E6]					
C4802	C_1608	mbx153 [38E5]					
C4804	C_1608	mbx153 [38C7]					
C4807	C_1005	mbx153 [38B6]					
C4808	C_1608	mbx153 [38E5]					
C4893	C_1005	mbx153 [38D5]					
C4902	C_1005	mbx153 [39D7]					
C4903	C_1005	mbx153 [39D6]					
C4910	C_1608	mbx153 [39E3]					
C4951	C_1005	mbx153 [39C4]					
C4955	C_1608	mbx153 [39B3]					
C4956	C_1005	mbx153 [39B3]					
C4976	C_1005	mbx153 [39B5]					
C4977	C_1005	mbx153 [39B5]					
C5001	C_1005	mbx153 [40C5]					
C5002	C_1005	mbx153 [40C4]					
CN60	CN2P_SMD+2	mbx153 [6B4]					
CN70	CN1P_SMD	mbx153 [6B3]					
CN1100	DDR2_SO_DIMM_200P_SM	mbx153 [14C2]					
CN1701	CN80P_SMD	mbx153 [20C2]					
CN1900	CN20P_SMD	mbx153 [22F7]					
CN2100	CN30P_SMD+7	mbx153 [29B2]					
CN2200	CN70P_SMD	mbx153 [24D3]					
CN2300	CN13P_SMD	mbx153 [25E3]					
CN2330	CN50P_SMD+2	mbx153 [25C3]					
CN2400	CN16P_SMD	mbx153 [26E1]					
CN2490	CN24P_SMD+4	mbx153 [26B4]					
CN2500	MINI_PCI_E_CN_SMD+5	mbx153 [27D5]					
CN2590	CN24P_SMD	mbx153 [27B5]					
CN2600	CN54P_SMD+2	mbx153 [28D2]					
CN2900	CN60P_SMD	mbx153 [29E3]					
CN4700	CN6P_TH	mbx153 [37B1]					
CN4858	CN6P_SMD+2	mbx153 [38E7]					
CN4971	CN2P_SMD+2	mbx153 [39B7]					
CN5001	CN30P_SMD+2	mbx153 [40D3]					
CN5002	CN20P_SMD+2	mbx153 [40D6]					
CN5503	CN28P_SMD	mbx153 [40B5]					

*NOTE : [] [] [] Location Schematic Diagram Sheet Number
DNI=Do Not Install

			REVISIONS				
			ZONE	LTR	DESCRIPTION	DATE	APPR.
D3952	SHOTTKY_SMD	mbx153 [30D2]					
D3970	SHOTTKY_SMD	mbx153 [30F6]					
D3991	D_SMD	mbx153 [30A7]					
D4101	SHOTTKY_SC79AK	mbx153 [31E5]					
D4102	SHOTTKY_SC79AK	mbx153 [31E4]					
D4104	D_SMD	mbx153 [31E5]					
D4141	D2_SSSM3AAK	mbx153 [31C5]					
D4142	SHOTTKY_SMD	mbx153 [31B5]					
D4150	D_SMD	mbx153 [31B7]					
D4300	SHOTTKY_SMD	mbx153 [33D6]					
D4301	D_SMD	mbx153 [33B6]					
D4303	SHOTTKY_SMD	mbx153 [33D2]					
D4311	D_SMD	mbx153 [33A6]					
D4320	D2_SSSM3AAK	mbx153 [33F4]					
D4321	D_SMD	mbx153 [33D5]					
D4351	D_SMD	mbx153 [33B8]					
D4352	ZD_SMD	mbx153 [33A7]					
D4411	SHOTTKY_SMD	mbx153 [34D1]					
D4412	SHOTTKY_SMD	mbx153 [34C1]					
D4413	SHOTTKY_SMD	mbx153 [34C1]					
D4414	SHOTTKY_SC79AK	mbx153 [34B1]					
D4415	SHOTTKY_SC79AK	mbx153 [34B1]					
D4421	ZD_SMD	mbx153 [34E7]					
D4521	SHOTTKY_SMD	mbx153 [35C3]					
D4531	SHOTTKY_SMD	mbx153 [35B3]					
D4551	SHOTTKY_SMD	mbx153 [35E3]					
D4607	D_SMD	mbx153 [36C2]					
D4611	D_SMD	mbx153 [36E5]					
D4621	D_SMD	mbx153 [36C7]					
D4622	D_SMD	mbx153 [36C7]					
D4623	D2_SSSM3AAK	mbx153 [36B7]					
D4624	D2_SSSM3AAK	mbx153 [36C7]					
D4640	SHOTTKY_SMD	mbx153 [36B3]					
D4641	SHOTTKY_SMD	mbx153 [36E5]					
D4642	ZD_SC79AK	mbx153 [36D6]					
D4645	ZD_SC79AK	mbx153 [36D5]					
D4700	SHOTTKY_SMD	mbx153 [37D6]					
D4722	D_SMD	mbx153 [37C2]					
D4731	SHOTTKY_SC79AK	mbx153 [37D5]					
D4770	ZD_SMD	mbx153 [37B2]					
D4771	ZD4_SC88A	mbx153 [37B2]					
D4782	D2_SSSM3AAK	mbx153 [37D8]					
D4790	SHOTTKY_SMD	mbx153 [37F2]					
D4791	ZD_SMD	mbx153 [37E2]					
D4801	ZD_SMD	mbx153 [38E6]					
D4802	SHOTTKY_SMD	mbx153 [38E5]					
D4803	ZD_SMD	mbx153 [38E4]					
D4811	D2_SSSM3AAK	mbx153 [38B7]					
D4822	ZD_SMD	mbx153 [38B7]					
D4844	D2_SSSM3AAK	mbx153 [38D2]					
D4901	D2_SSSM3AAK	mbx153 [39E6]					
D4902	D2_SSSM3AAK	mbx153 [39E5]					
D4903	D_SMD	mbx153 [39E4]					
D4904	D2_SSSM3AAK	mbx153 [39E4]					
D4905	D2_SSSM3AAK	mbx153 [39E3]					
D4906	ZD_SMD	mbx153 [39D7]					
D4914	ZD_SMD	mbx153 [39E3]					
D4950	SHOTTKY_SMD	mbx153 [39B3]					
D4971	D2_SSSM3AAK	mbx153 [39B6]					
D4972	D2_SSSM3AAK	mbx153 [39A6]					
D4973	SHOTTKY_SMD	mbx153 [39B5]					
F2171	FUSE_1608	mbx153 [23D3]					
F4801	FUSE_SMD	mbx153 [38E5]					
FB200	FB_1005	mbx153 [8E6]					
FB210	FB_1005	mbx153 [8E5]					
FB420	FB_1608	mbx153 [11E5]					
FB421	FB_1608	mbx153 [11E6]					
FB440	FB_1005	mbx153 [11D7]					
FB450	FB_1005	mbx153 [11C7]					
FB451	FB_1005	mbx153 [11C7]					
FB452	FB_1005	mbx153 [11D7]					
FB453	FB_1005	mbx153 [11D7]					
FB1300	FB_1005	mbx153 [19E6]					
FB1610	FB_1608	mbx153 [18F7]					
FB1620	FB_1608	mbx153 [18D7]					
FB2310	FB_1608	mbx153 [25E5]					
FB4751	FB_3216	mbx153 [37B1]					
FB4801	FB_3216	mbx153 [38E7]					
FL2100	LF4_2010	mbx153 [29B3]					
FL2101	LF4_2010	mbx153 [29B3]					
FL2310	LF2_SMD-D	mbx153 [25D5]					
FL2320	LF2_SMD-A	mbx153 [25E5]					
FL2321	LF2_SMD-A	mbx153 [25E5]					
FL2610	RB4_2010	mbx153 [28E4]					
IC1	YONAH_BGA479	mbx153 [6D3 6D7]					
IC1	YONAH_BGA479	mbx153 [7D7 7C4]					
IC50	LM86_TSSOP8	mbx153 [6E5]					
IC200	PID9LPR321_QFN65	mbx153 [8D6]					
IC300	GMCH_998_CSP998	mbx153 [9E4 9D7]					
IC300	GMCH_998_CSP998	mbx153 [10D6]					
IC300	GMCH_998_CSP998	mbx153 [11D3]					
IC300	GMCH_998_CSP998	mbx153 [12D7 12D4 12D2]					
IC300	GMCH_998_CSP998	mbx153 [13D4]					
IC1180	TMP10X_SC74	mbx153 [14D5]					
IC1200	DDR2_SDRAM1GX16_CSP9	mbx153 [15B7]					
IC1201	DDR2_SDRAM1GX16_CSP9	mbx153 [15B6]					
IC1202	DDR2_SDRAM1GX16_CSP9	mbx153 [15E4]					
IC1203	DDR2_SDRAM1GX16_CSP9	mbx153 [15E2]					
IC1204	DDR2_SDRAM1GX16_CSP9	mbx153 [15B7]					
IC1205	DDR2_SDRAM1GX16_CSP9	mbx153 [15B6]					
IC1206	DDR2_SDRAM1GX16_CSP9	mbx153 [15B4]					
IC1207	DDR2_SDRAM1GX16_CSP9	mbx153 [15B2]					
IC1394	PCI8412_CSP216	mbx153 [19D6]					
IC1394	PCI8412_CSP216	mbx153 [20C6]					
IC1394	PCI8412_CSP216	mbx153 [21C6]					
IC1400	ICH7_M_CSP652	mbx153 [16E2 16D6]					
IC1400	ICH7_M_CSP652	mbx153 [17D3 17D7]					
IC1400	ICH7_M_CSP652	mbx153 [18C2 18D5]					
IC1531	93C46_TSSOP8C	mbx153 [17D5]					
IC1570	7402_SC88A	mbx153 [17B3]					
IC1571	7414_SC88A	mbx153 [17B1]					
IC1580	M25P80_SON9	mbx153 [17B5]					
IC1581	NM24C02M8_TSSOP8	mbx153 [17A5]					
IC1701	NM24C02M8_TSSOP8	mbx153 [20C8]					
IC1752	TPS2220_SSOP24A	mbx153 [20B3]					
IC1821	TPS2056_SOP8	mbx153 [21D3]					
IC1900	H8S2111_FQFP144	mbx153 [22D5 22A5]					
IC1990	LIS302_QFN14	mbx153 [22B7]					
IC2120	7408_SC88A	mbx153 [23D7]					
IC2121	7414_SC88A	mbx153 [23D6]					
IC2122	7400_SSOP8	mbx153 [23D6 23D6]					
IC2123	7408_SSOP8	mbx153 [23E6 23D5]					
IC2124	7414_SC88A	mbx153 [23P7]					
IC2125	7432_SC88A	mbx153 [23E7]					
IC2171	MAX1698_TSSOP10	mbx153 [23C3]					
IC2210	7408_SSOP8	mbx153 [24B7 24C6]					
IC2251	7400_SC88A	mbx153 [24D7]					
IC2310	BD651X_SOP8	mbx153 [25B7]					
IC2500	7408_SC88A	mbx153 [27D7]					
IC2610	7408_SC88A	mbx153 [28D7]					
IC2620	7408_SC88A	mbx153 [28D7]					
IC2640	7402_SC88A	mbx153 [28A7]					
IC2950	7486_SC88A	mbx153 [29B7]					
IC3900	MAX8736_QFN41	mbx153 [30D6]					
IC3970	7414_SSOP8	mbx153 [30F6 30F5 30F7]					
IC4101	MAX1540_QFN33	mbx153 [31D5]					
IC4220	TPS51100_TSSOP11	mbx153 [32E5]					
IC4250	TAR55XX_UFV	mbx153 [32C3]					
IC4261	MAX1515_QFN25	mbx153 [32C6]					
IC4301	MAX8744_5_QFN33	mbx153 [33D4]					
IC4302	R3112_SC82	mbx153 [33A7]					
IC4500	7408_SC88A	mbx153 [35D7]					
IC4501	7414_SSOP8	mbx153 [35E7 35C6 35D6]					
IC4511	7414_SSOP8	mbx153 [35E2 35E3 35C3]					
IC4521	7414_SSOP8	mbx153 [35B3 35C2 35B2]					
IC4601	MAX4211_QFN17	mbx153 [36C4]					
IC4681	7414_SC88A	mbx153 [36B4]					
IC4700	MAX1908_QFN29	mbx153 [37D6]					
IC4901	R3112_SC82	mbx153 [39D6]					
IC4952	7414_SSOP8	mbx153 [39B3 39B2 39B4]					
JR1	CONDUCTOR_0603	mbx153 [6E4]					
JR330	CONDUCTOR_1005	mbx153 [9E1]					
JR2900	CONDUCTOR_1005	mbx153 [29E8]					
JR2901	CONDUCTOR_1005	mbx153 [29D8]					
JR3900	CONDUCTOR_0603	mbx153 [30D6]					
JR3901	CONDUCTOR_0603	mbx153 [30E6]					
JR3902	CONDUCTOR_0603	mbx153 [30E6]					
JR3940	CONDUCTOR_0603	mbx153 [30C5]					
JR4221	CONDUCTOR_0603	mbx153 [32E4]					
JR4260	CONDUCTOR_0603	mbx153 [32C7]					
JR4261	CONDUCTOR_0603	mbx153 [32B7]					
L60	LP_50H28	mbx153 [6B4]					
L2171	LP_75H45	mbx153 [23D3]					
L3950	LP_91H45	mbx153 [30D2]					
L4101							

*NOTE : [] [] [] [] Location Schematic Diagram Sheet Number DNI=Do Not Install

Table with columns 1-8 and a REVISIONS table. It lists various electronic components like M_FET_NCH_E_3P_VMT3G, M_FET_PCH_E_3P_VMT3G, and M_FET_NCH_E_5P_SON5 with their respective part numbers and descriptions.

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SONY CORPORATION logo and a table with fields for QTY (1), REV., PART NO., and SHEET (52).

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*NOTE: Location
Schematic Diagram Sheet Number
DNI=Do Not Install

			REVISIONS				
			ZONE	LTR	DESCRIPTION	DATE	APPR.
R1450	R_0603	mbx153 [16A5]					
R1451	R_0603	mbx153 [16A5]					
R1452	R_0603	mbx153 [16A5]					
R1453	R_0603	mbx153 [16A5]					
R1461	R_0603	mbx153 [16C3]					
R1462	R_0603	mbx153 [16C3]					
R1463	R_0603	mbx153 [16B3]					
R1500	R_1608	mbx153 [17C5]					
R1501	CONDUCTOR_1005	mbx153 [17C6]					
R1504	R_0603	mbx153 [17D5]					
R1505	R_0603	mbx153 [17D5]					
R1506	R_0603	mbx153 [17D5]					
R1507	R_0603	mbx153 [17D5]					
R1512	R_0603	mbx153 [17C6]					
R1520	R_1005	mbx153 [17E4]					
R1530	R_0603	mbx153 [17D4]					
R1531	R_0603	mbx153 [17D4]					
R1532	R_0603	mbx153 [17D4]					
R1533	R_0603	mbx153 [17D4]					
R1551	R_0603	mbx153 [17C4]					
R1553	R_0603	mbx153 [17D4]					
R1554	R_0603	mbx153 [17C4]					
R1560	R_0603	mbx153 [17E1]					
R1561	R_0603	mbx153 [17E1]					
R1562	R_0603	mbx153 [17E1]					
R1563	R_0603	mbx153 [17E1]					
R1564	R_0603	mbx153 [17E1]					
R1565	R_0603	mbx153 [17D1]					
R1570	R_0603	mbx153 [17B2]					
R1590	R_0603	mbx153 [17A7]					
R1701	R_0603	mbx153 [20C5]					
R1702	R_0603	mbx153 [20C7]					
R1703	R_0603	mbx153 [20C7]					
R1704	R_0603	mbx153 [20C7]					
R1705	R_0603	mbx153 [20C8]					
R1706	R_0603	mbx153 [20C8]					
R1707	R_0603	mbx153 [20B7]					
R1731	R_1005	mbx153 [20E5]					
R1732	R_0603	mbx153 [20D5]					
R1733	R_0603	mbx153 [20D5]					
R1821	R_0603	mbx153 [21D3]					
R1822	R_0603	mbx153 [21D4]					
R1850	R_0603	mbx153 [21D6]					
R1851	R_0603	mbx153 [21D5]					
R1852	R_0603	mbx153 [21D5]					
R1853	R_0603	mbx153 [21D6]					
R1854	R_1005	mbx153 [21C5]					
R1855	R_1005	mbx153 [21C5]					
R1900	R_1005	mbx153 [22C3]					
R1901	CONDUCTOR_1005	mbx153 [22C3]					
R1910	R_0603	mbx153 [22C7]					
R1911	R_0603	mbx153 [22E6]					
R1917	R_0603	mbx153 [22D7]					
R1920	R_0603	mbx153 [22E3]					
R1921	R_0603	mbx153 [22E3]					
R1922	R_0603	mbx153 [22E2]					
R1923	R_0603	mbx153 [22E2]					
R1930	R_0603	mbx153 [22B2]					
R1931	R_0603	mbx153 [22B2]					
R1990	R_0603	mbx153 [22C8]					
R2111	R_0603	mbx153 [23E3]					
R2112	R_1005	mbx153 [23F2]					
R2113	R_1005	mbx153 [23E1]					
R2120	R_1005	mbx153 [23D7]					
R2121	R_1005	mbx153 [23C7]					
R2122	R_0603	mbx153 [23D7]					
R2123	R_1005	mbx153 [23C7]					
R2125	R_0603	mbx153 [23E5]					
R2126	R_0603	mbx153 [23C5]					
R2150	R_0603	mbx153 [23A7]					
R2151	R_1005	mbx153 [23A7]					
R2153	R_1005	mbx153 [23B7]					
R2154	R_1005	mbx153 [23B7]					
R2155	R_1005	mbx153 [23B6]					
R2156	R_1005	mbx153 [23B6]					
R2157	R_1005	mbx153 [23B5]					
R2158	R_1005	mbx153 [23B5]					
R2159	R_1005	mbx153 [23B4]					
R2160	R_1005	mbx153 [23B4]					
R2172	R_0603	mbx153 [23C4]					
R2179	R_1608	mbx153 [23D2]					
R2200	R_0603	mbx153 [24D2]					
R2251	R_1005	mbx153 [24E6]					
R2262	R_0603	mbx153 [24D5]					
R2330	R_1005	mbx153 [25C4]					
R2411	R_1005	mbx153 [26D5]					
R2412	R_1005	mbx153 [26D5]					
R2413	R_1005	mbx153 [26C5]					
R2414	R_1005	mbx153 [26C5]					
R2421	R_1005	mbx153 [26B5]					
R2422	R_1005	mbx153 [26B5]					
R2423	R_1005	mbx153 [26B5]					
R2500	R_0603	mbx153 [27D7]					
R2610	R_0603	mbx153 [28D7]					
R2620	R_0603	mbx153 [28D7]					
R2630	R_0603	mbx153 [28C6]					
R2631	R_0603	mbx153 [28C6]					
R2640	R_0603	mbx153 [28C7]					
R2641	R_0603	mbx153 [28B7]					
R2900	R_1005	mbx153 [29E6]					
R2910	R_1005	mbx153 [29C6]					
R2911	R_0603	mbx153 [29C7]					
R2912	R_0603	mbx153 [29C8]					
R2920	R_1005	mbx153 [29E6]					
R2921	R_1005	mbx153 [29D6]					
R2960	R_0603	mbx153 [29D4]					
R3900	R_0603	mbx153 [30E5]					
R3901	R_1005	mbx153 [30D7]					
R3902	R_1005	mbx153 [30D7]					
R3903	R_1005	mbx153 [30D7]					
R3906	R_1005	mbx153 [30D7]					
R3907	R_1005	mbx153 [30C7]					
R3908	R_1005	mbx153 [30C7]					
R3909	R_1005	mbx153 [30B5]					
R3910	R_1005	mbx153 [30C7]					
R3911	R_1005	mbx153 [30C7]					
R3912	R_1005	mbx153 [30C6]					
R3913	R_1005	mbx153 [30C7]					
R3914	R_1005	mbx153 [30C7]					
R3915	R_1005	mbx153 [30C7]					
R3918	R_1005	mbx153 [30B6]					
R3919	R_0603	mbx153 [30B5]					
R3920	R_0603	mbx153 [30B3]					
R3921	R_0603	mbx153 [30C4]					
R3922	R_0603	mbx153 [30C4]					
R3923	R_1005	mbx153 [30C7]					
R3924	R_1005	mbx153 [30D7]					
R3931	CONDUCTOR_0603	mbx153 [30B7]					
R3932	R_0603	mbx153 [30A7]					
R3933	R_1005	mbx153 [30C7]					
R3934	R_1005	mbx153 [30C7]					
R3940	R_1005	mbx153 [30C5]					
R3941	R_1005	mbx153 [30C5]					
R3950	R4P_SMD	mbx153 [30D2]					
R3951	R_1005	mbx153 [30D5]					
R3952	R_1005	mbx153 [30E3]					
R3953	R_0603	mbx153 [30C1]					
R3954	R_0603	mbx153 [30E7]					
R3970	R_1005	mbx153 [30F6]					
R3990	R_0603	mbx153 [30B6]					
R4101	R_1005	mbx153 [31D6]					
R4102	R_1005	mbx153 [31D6]					
R4103	R_1005	mbx153 [31C6]					
R4104	R_1005	mbx153 [31D6]					
R4105	R_1005	mbx153 [31D6]					
R4106	R_1005	mbx153 [31D6]					
R4108	R_1005	mbx153 [31C6]					
R4109	R_1005	mbx153 [31D5]					
R4111	R_1005	mbx153 [31C5]					
R4112	R_1005	mbx153 [31E5]					
R4113	R_1005	mbx153 [31E4]					
R4114	R_1005	mbx153 [31E4]					
R4121	R_1005	mbx153 [31D3]					
R4122	R_1005	mbx153 [31D3]					
R4123	R_1005	mbx153 [31C3]					
R4124	R_1005	mbx153 [31D3]					
R4125	R_1005	mbx153 [31D4]					
R4126	R_0603	mbx153 [31D4]					
R4127	R_0603	mbx153 [31D4]					
R4129	R_0603	mbx153 [31D4]					
R4130	R_0603	mbx153 [31C5]					
R4133	R_0603	mbx153 [31C5]					
R4134	R_0603	mbx153 [31C5]					
R4135	R_0603	mbx153 [31C4]					
R4150	R_1005	mbx153 [31B7]					
R4151	R_0603	mbx153 [31A7]					
R4152	R_0603	mbx153 [31A7]					
R4153	R_1005	mbx153 [31B6]					
R4181	R_0603	mbx153 [31D7]					
R4182	R_1005	mbx153 [31D8]					
R4183	R_0603	mbx153 [31C2]					
R4184	R_1005	mbx153 [31D1]					
R4185	R_0603	mbx153 [31D4]					
R4230	R_0603	mbx153 [32E4]					
R4251	R_1005	mbx153 [32C2]					
R4261	R_0603	mbx153 [32C7]					
R4262	R_1005	mbx153 [32B7]					
R4263	R_1005	mbx153 [32B6]					
R4264	R_0603	mbx153 [32B4]					
R4265	R_1005	mbx153 [32B4]					
R4266	R_1005	mbx153 [32C5]					
R4267	R_1005	mbx153 [32B5]					
R4268	R_1005	mbx153 [32B5]					
R4301	R4P_SMD	mbx153 [33D7]					

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QTY	1	REV.		PART NO.	
DESIGNER					SHEET 53/53

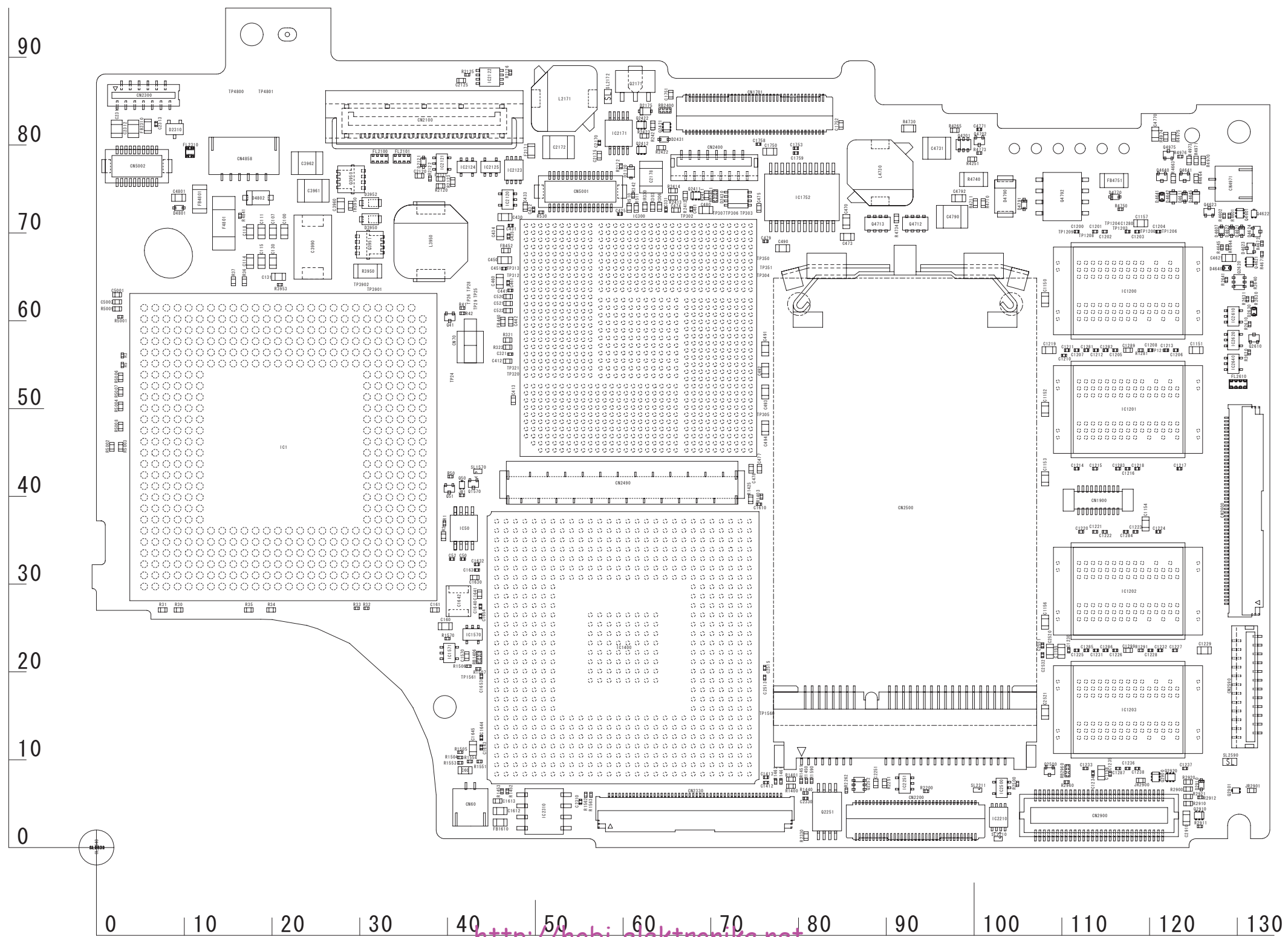
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MBX-153 Board

Side A



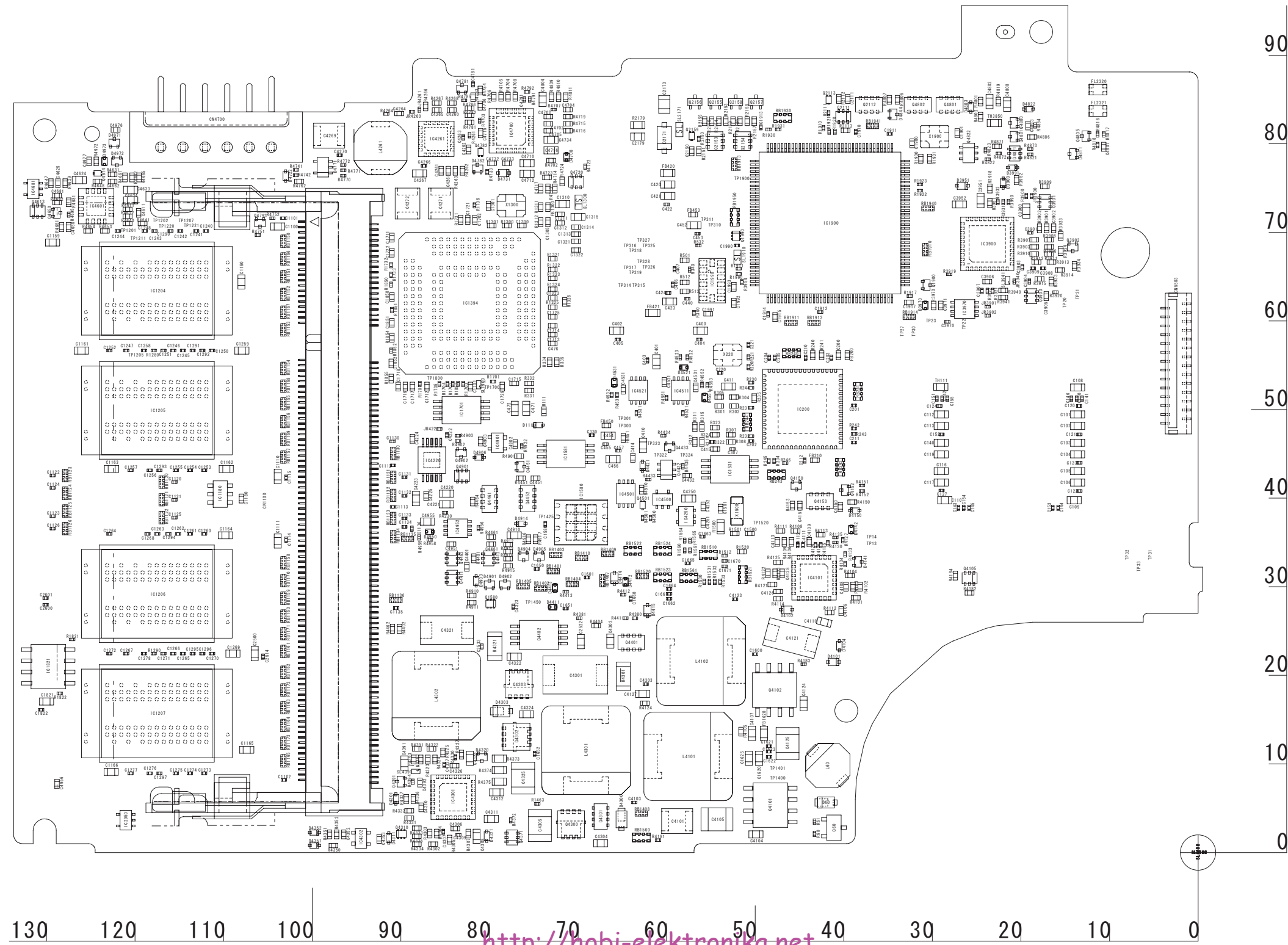
<http://hobi-elektronika.net>

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TX38CP/TX3HP/TX3XP/TX3XRP/TX52B/TX72B/TX72PZ/TX850FP/
TX850P/TX92PS/TX92S (J/AM/EU/AO)

MBX-153 Board

Side B



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TX38CP/TX38HP/TX38XP/TX39RP/TX52B/TX72B/TX72PZ/TX850FP/
TX850P/TX92PS/TX92S (J/AM/EU/AO)

List of TX Series (As of July, 2006)

Service Manual Parts No.	Model Name			
	J	AM	EU	AO
B-876-428-xx	VGN-TX50B/B VGN-TX70PZ VGN-TX90PS VGN-TX90PS* VGN-TX90S*	VGN-TX610P/B VGN-TX630P/B VGN-TX650FP VGN-TX650P/B VGN-TX651P/B VGN-TX670P/B VGN-TX670P/W VGN-TX690P/L	VGN-TX1HP/W VGN-TX1XP/B GN-TX1XP/L VGN-TX1XRP/B	VGN-TX15C/W VGN-TX16C/B VGN-TX16C/W VGN-TX16GP/W VGN-TX16LP/W VGN-TX16SP/W VGN-TX16TP/W VGN-TX17C/B VGN-TX17C/L VGN-TX17GP/B VGN-TX17GP/W VGN-TX17LP/B VGN-TX17TP/B
B-876-452-xx	VGN-TX51B/B VGN-TX91PS* VGN-TX91S*	VGN-TX750FP VGN-TX750P/B VGN-TX751P/B VGN-TX770P/B VGN-TX770P/T VGN-TX770P/W VGN-TX790P/L	VGN-TX2HP/W VGN-TX2XP/B VGN-TX2XP/L VGN-TX2XRP/B	VGN-TX25C/W VGN-TX26C/B VGN-TX26C/T VGN-TX26C/W VGN-TX26GP/W VGN-TX26LP/W VGN-TX26SP/W VGN-TX26TP/W VGN-TX27CP/B VGN-TX27CP/L VGN-TX27GP/B VGN-TX27GP/T VGN-TX27GP/W VGN-TX27LP/B VGN-TX27TP/B VGN-TX28CP/L
B-876-473-xx	VGN-TX52B/B VGN-TX72B/B VGN-TX72PZ VGN-TX92PS* VGN-TX92S*	VGN-TX850FP VGN-TX850P/B	VGN-TX3HP/W VGN-TX3XP/B VGN-TX3XP/L VGN-TX3XRP/B	VGN-TX36C/B VGN-TX36C/T VGN-TX36C/W VGN-TX36GP/W VGN-TX36SP/W VGN-TX37CP/B VGN-TX37CP/L VGN-TX37GP/B VGN-TX37GP/T VGN-TX37GP/W VGN-TX37LP/B VGN-TX37SP/B VGN-TX37TP/B VGN-TX38CP/L

* : CTO model

: Additional Models

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Revision History

Suffix	Ver.	Date	Contents	QM No.
-01	Ver. 1	2006.06.19	First Edition	
-02	Ver. 2	2006.07.14	△ Front Page (Model Lineup), Page 2-13, Back Cover	-
<Remarks>				

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 TX3HP/TX3XP/TX3XRP/TX52B/TX72B/TX72PZ/TX850FP/TX850P/TX92PS/TX92S
 (J/AM/EU/AO)