

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.

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  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 IDENTIFIÉS PAR UNE MARQUE 

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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



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。
- 万が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。



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1MΩ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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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。

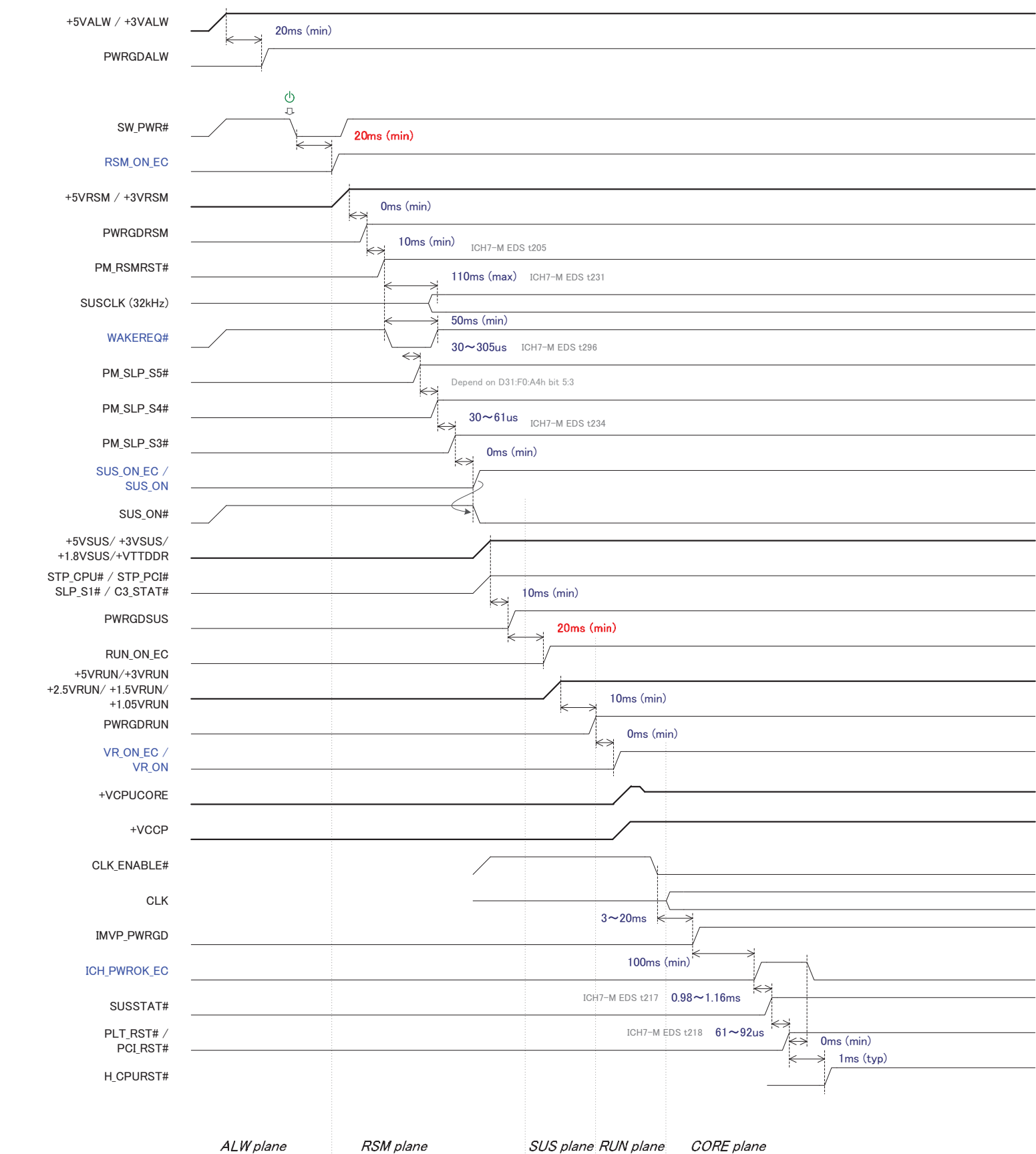
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CHAPTER 1.
POWER UP SEQUENCE/BLOCK DIAGRAM

1-1. Power Up Sequence

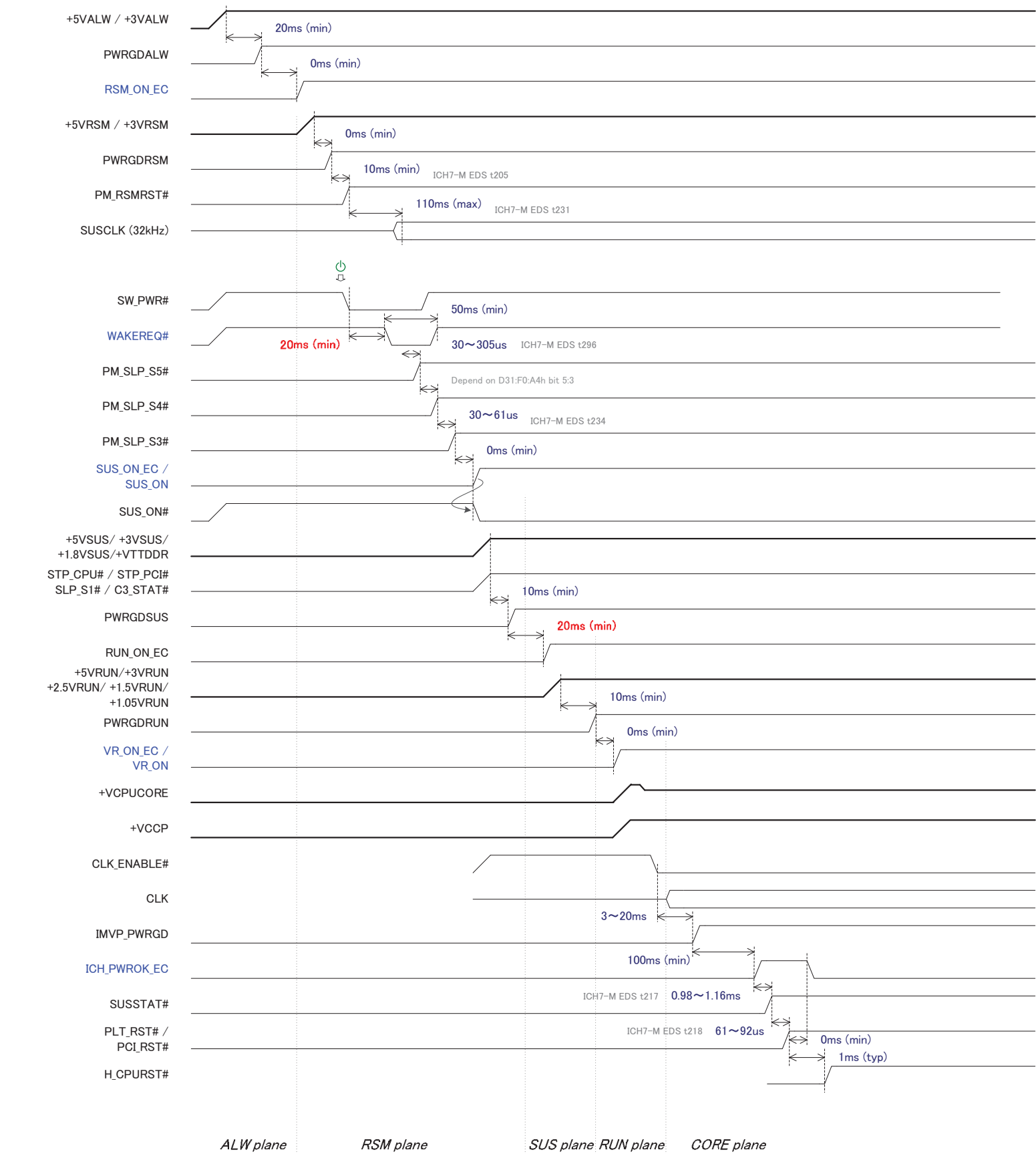
G3 to S0 Timings <AC_STS=LO>



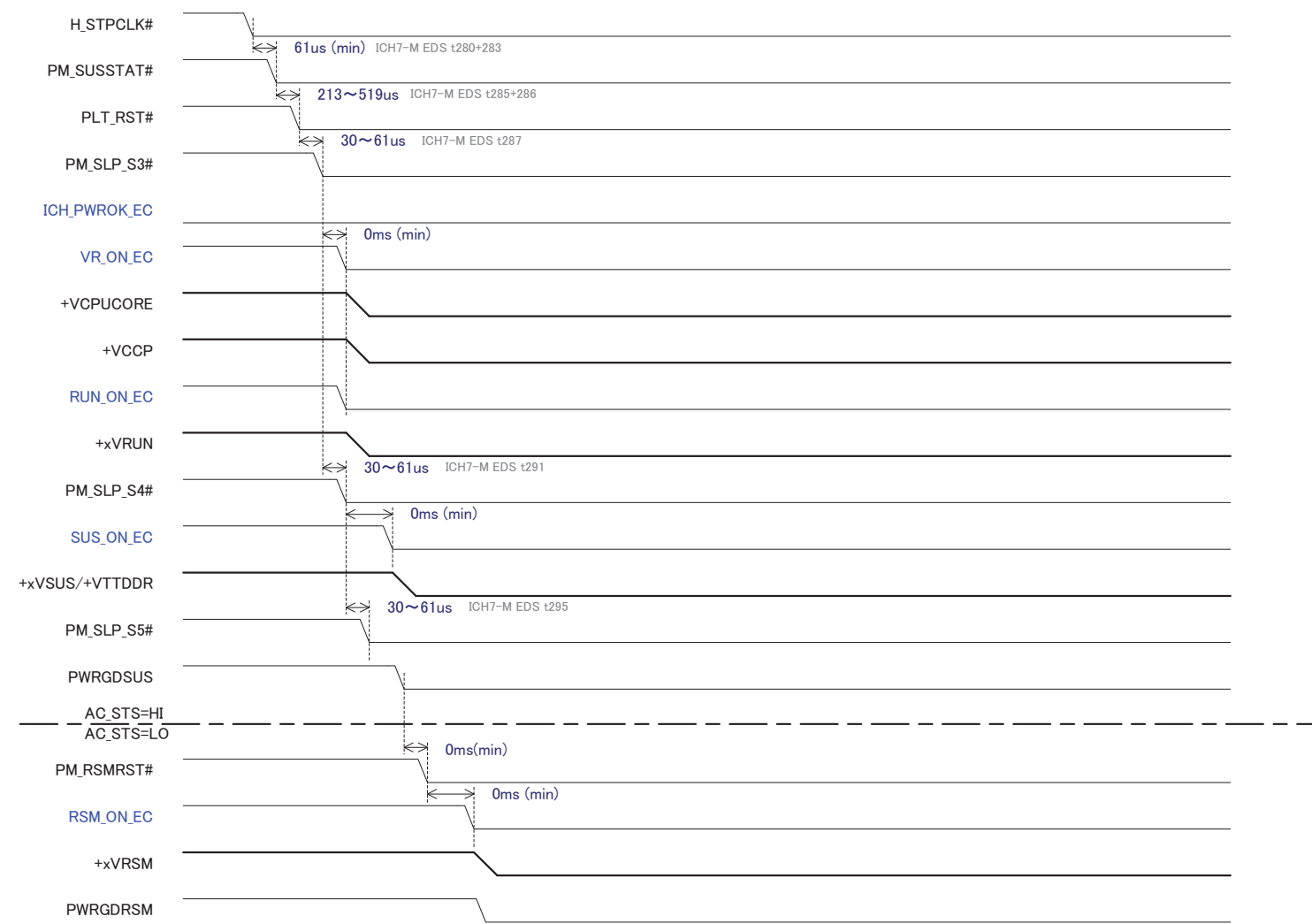
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TX38CP/TX3HP/TX3XP/TX3XRP/TX52B/TX72B/TX72PZ/TX850FP/
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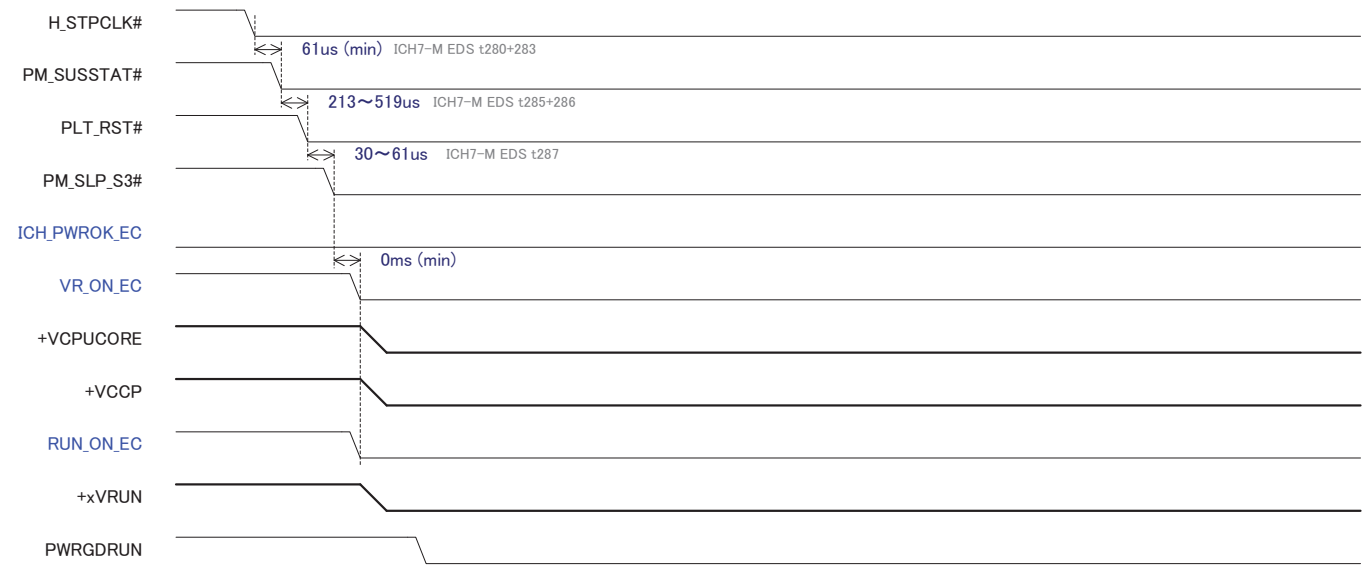
G3 to S0 Timings <AC_STS=HI>



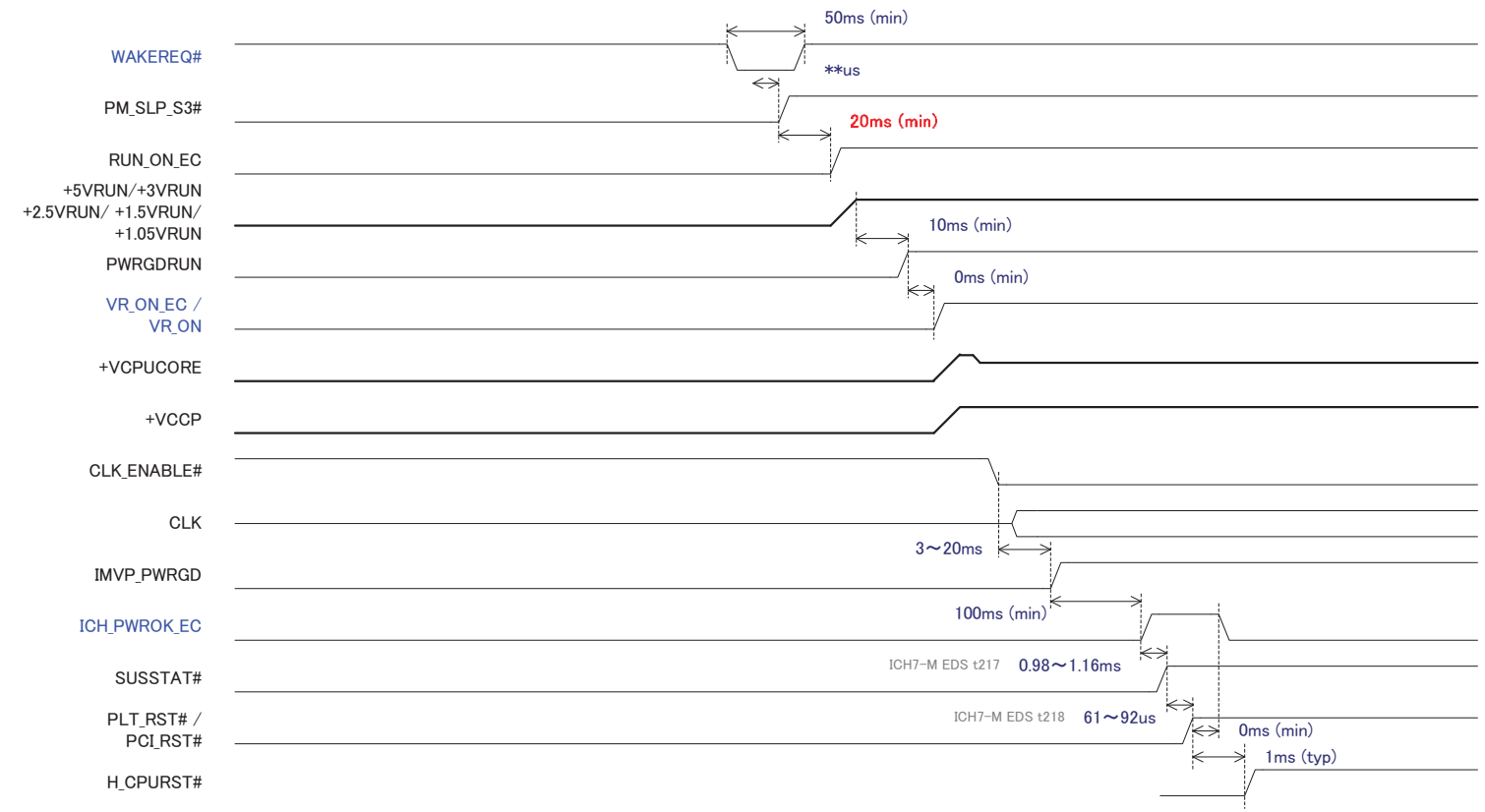
S0 to S4, S5 Timings



S0 to S3 Timings



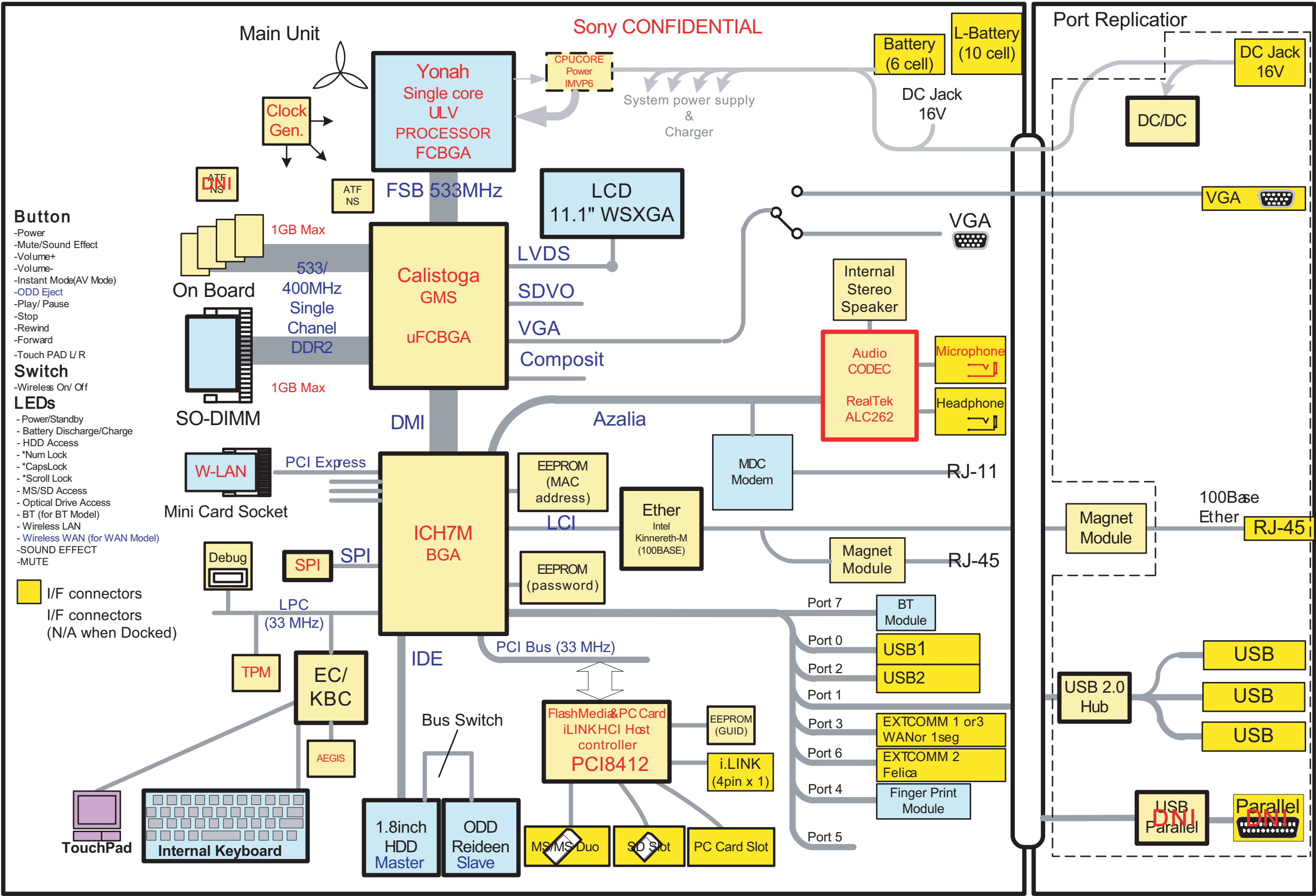
S3 to S0 Timings



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1-2. Block Diagram



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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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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)	-

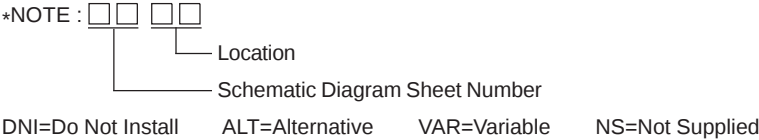
*NOTE :

Location

Schematic Diagram Sheet Number

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

Ref.No.	A/B	X-coordinate	Y-coordinate	Schamatics	Value	Rating	Tol.	Part No.	Description	Notes



Ref.No.	A/B	X-cordinate	Y-cordinate	Schamatics	Value	Rating	Tol.	Part No.	Description	Notes

Ref.No.	A/B	X-cordinate Value	Y-cordinate 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	56.6500	15D7	1000pF	16V	10%	112862711	CAP, CERAMIC 1000PF B (0603)	-
C1282	A	115.0000	56.6500	15D5	1000pF	16V	10%	112862711	CAP, CERAMIC 1000PF B (0603)	-
C1283	A	116.4000	43.1500	15D5	1000pF	16V	10%	112862711	CAP, CERAMIC 1000PF B (0603)	-
C1284	A	117.3000	35.9500	15D3	1000pF	16V	10%	112862711	CAP, CERAMIC 1000PF B (0603)	-
C1285	A	112.8000	22.4500	15D3	1000pF	16V	10%	112862711	CAP, CERAMIC 1000PF B (0603)	-
C1286	A	115.0000	22.4500	15D1	1000pF	16V	10%	112862711	CAP, CERAMIC 1000PF B (0603)	-
C1287	A	116.4000	9.0000	15D1	1000pF	16V	10%	112862711	CAP, CERAMIC 1000PF B (0603)	-
C1289	A	117.5500	56.6500	15D7	2pF	50V	0.25p	116484211	CAP,CHIP CERAMIC 2.0PF CK 1005	-
C1290	B	116.0000	70.1500	15A7	1000pF	16V	10%	112862711	CAP, CERAMIC 1000PF B (0603)	-
C1291	B	113.5000	56.6500	15A7	1000pF	16V	10%	112862711	CAP, CERAMIC 1000PF B (0603)	-
C1292	B	112.4000	56.6500	15A5	1000pF	16V	10%	112862711	CAP, CERAMIC 1000PF B (0603)	-
C1293	B	117.2500	43.1500	15A5	1000pF	16V	10%	112862711	CAP, CERAMIC 1000PF B (0603)	-
C1294	B	116.2500	35.9500	15A3	1000pF	16V	10%	112862711	CAP, CERAMIC 1000PF B (0603)	-
C1295	B	113.5000	22.4500	15A3	1000pF	16V	10%	112862711	CAP, CERAMIC 1000PF B (0603)	-
C1296	B	112.4000	22.4500	15A1	1000pF	16V	10%	112862711	CAP, CERAMIC 1000PF B (0603)	-
C1297	B	117.2500	8.9500	15A1	1000pF	16V	10%	112862711	CAP, CERAMIC 1000PF B (0603)	-
C1299	A	117.5500	22.4500	15D3	2pF	50V	0.25p	116484211	CAP,CHIP CERAMIC 2.0PF CK 1005	-
C1300	B	76.3500	70.7500	19C6	12pF	50V	5%	116485211	CAP, CHIP CERAMIC 12PF CH 1005	-
C1301	B	80.1000	73.0000	19C6	12pF	50V	5%	116485211	CAP, CHIP CERAMIC 12PF CH 1005	-
C1305	B	73.4000	71.1500	19D5	0.1uF	10V	10%	112577711	CAP, CHIP CERAMIC 0.1MF B 1005	-
C1310	B	71.7500	73.2000	19E6	10uF	6.3V	20%	111253411	CAP, CHIP CERAMIC 10MF B(1608)	DNI
C1311	B	72.0500	72.0500	19E6	0.1uF	10V	10%	112577711	CAP, CHIP CERAMIC 0.1MF B 1005	-
C1312	B	72.0500	71.0500	19E6	1000pF	50V	10%	116493711	CAP, CHIPCERAMIC 1000PF B 1005	-

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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 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, CHIPCERAMIC 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, CHIPCERAMIC 1000PF B 1005	-
C1716	B	89.5000	52.6000	20F7	1000pF	50V	10%	116493711	CAP, CHIPCERAMIC 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	Y-coordinate	Schamatics	Value	Rating	Tol.	Part No.	Description	Notes

Sony Confidential

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

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*NOTE : ☐☐☐☐

Location

Schematic Diagram Sheet Number

DNI=Do Not Install

ALT=Alternative

VAR=Variable

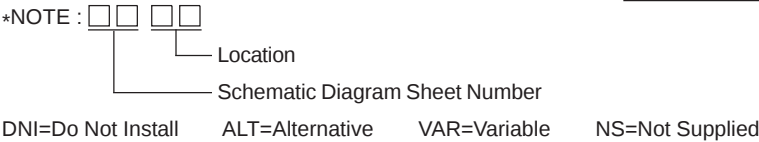
NS=Not Supplied

Ref.No.	A/B	X-cordinate	Y-cordinate	Schamatics	Value	Rating	Tol.	Part No.	Description	Notes

Ref.No.	A/B	X-cordinate Value	Y-cordinate 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, CHIPCERAMIC 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, CHIPCERAMIC 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, CERAMIC 0.1MF C (1005)	DNI
C4716	B	73.0500	79.2500	37D6	0.1uF	25V	10%	110059711	CAP, CHIP CERAMIC 0.1MF B 1608	-
C4717	B	74.2000	74.9500	37E6	0.1uF	10V	10%	112577711	CAP, CHIP CERAMIC 0.1MF B 1005	-
C4731	A	95.7500	79.6500	37C3	22uF	16V	20%	110005521	CAP, CHIP CERAMIC 22MF B 3225	-
C4732	B	79.7000	77.8000	37D4	1.0uF	6.3V	20%	110050691	CAP, CERAMIC 1MF C (1005)	-
C4733	B	78.0000	77.8000	37D5	0.1uF	16V	20%	110050591	CAP, CERAMIC 0.1MF C (1005)	-
C4734	B	73.0500	80.4500	37D5	4.7uF	6.3V	10%	111274611	CAP, CERAMIC 4.7MF B (1608)	-
C4770	A	120.6500	81.2500	37B1	0.1uF	25V	10%	110059711	CAP, CHIP CERAMIC 0.1MF B 1608	-
C4771	A	100.6000	81.8000	37B3	470pF	16V	10%	112862511	CAP, CERAMIC 470PF B (0603)	-
C4781	B	81.8500	86.7000	37C7	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C4790	A	97.5000	71.8500	37D4	10uF	25V	10%	110054412	CAP, SPECIAL CERAMIC 10MF 3626	-
C4791	B	76.0500	85.0000	37C7	0.1uF	6.3V	20%	110050491	CAP, CERAMIC 0.1MF C (0603)	-
C4792	A	98.2500	73.9500	37D3	0.1uF	25V	10%	110059711	CAP, CHIP CERAMIC 0.1MF B 1608	-
C4801	A	9.3500	74.0000	38E6	0.01uF	25V	10%	116297011	CAP, CHIP CERAMIC 10000PF B	-
C4802	B	23.5500	84.7500	38E5	0.1uF	25V	10%	110059711	CAP, CHIP CERAMIC 0.1MF B 1608	-
C4804	B	74.0000	85.0000	38C7	4.7uF	6.3V	10%	111274611	CAP, CERAMIC 4.7MF B (1608)	-
C4807	B	10.6500	79.6500	38B6	1.0uF	6.3V	20%	110050691	CAP, CERAMIC 1MF C (1005)	-
C4808	B	21.5500	84.4500	38E5	0.1uF	25V	10%	110059711	CAP, CHIP CERAMIC 0.1MF B 1608	-
C4893	B	19.2000	82.0500	38D5	0.01uF	16V	10%	116494311	CAP,CHIP CERAMIC 10000PF B1005	-
C4902	B	77.1000	46.1000	39D7	0.1uF	10V	10%	112577711	CAP, CHIP CERAMIC 0.1MF B 1005	-
C4903	B	81.0000	46.4000	39D6	0.01uF	16V	10%	116494311	CAP,CHIP CERAMIC 10000PF B1005	DNI
C4910	B	77.2000	35.8000	39E3	1.0uF	10V	10%	116590811	CAP, CERAMIC 1000000PF B 1608	-
C4951	B	84.3000	34.8000	39C4	0.1uF	10V	10%	112577711	CAP, CHIP CERAMIC 0.1MF B 1005	-

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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)



Ref.No.	A/B	X-cordinate Value	Y-cordinate 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_MAZD0620MLS0	-
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_MAZD0620MLS0	-
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_MAZD0620MLS0	-

Ref.No.	A/B	X-cordinate	Y-cordinate	Schamatics	Value	Rating	Tol.	Part No.	Description	Notes

*NOTE : ☐☐☐☐

Location

Schematic Diagram Sheet Number

DNI=Do Not Install

ALT=Alternative

VAR=Variable

NS=Not Supplied

Ref.No.	A/B	X-cordinate	Y-cordinate	Schamatics	Value	Rating	Tol.	Part No.	Description	Notes

Ref.No.	A/B	X-cordinate Value	Y-cordinate Value	Schamatics Diagram Address	Value	Rating	Tol.	Part No.	Description	Notes
IC2251	A	92.1000	7.3000	24D7	-	-	-	875964943	SN74AHC1G00DCKR	-
IC2310	A	51.0000	4.1000	25E7	-	-	-	670637901	BD6516F	-
IC2500	A	103.1500	6.8000	27D7	-	-	-	875964946	SN74AHC1G08DCKR	-
IC2610	A	129.5500	60.5000	28D7	-	-	-	875964933	SN74AHCT1G08DCKR	-
IC2620	A	129.5500	57.8000	28D7	-	-	-	875964933	SN74AHCT1G08DCKR	-
IC2640	A	129.5500	55.1000	28A7	-	-	-	875964944	SN74AHC1G02DCKR	-
IC2950	B	121.0500	3.6500	29B7	-	-	-	875964936	SN74AHCT1G86DCKR	-
IC3900	B	23.8000	68.7000	30D6	-	-	-	670993901	MAX8736AGTL+C3X	-
IC3970	B	26.3500	61.3500	30F5,30F6,30F7	-	-	-	875965654	TC7WH14FK(TE85R)	-
IC4101	B	43.3500	31.0000	31D5	-	-	-	670931201	MAX1540AETJ+TG069	-
IC4220	B	86.5000	44.3000	32E5	-	-	-	670737301	TPS51100DGQR	-
IC4250	B	57.8000	37.9500	32C3	-	-	-	660036401	TAR5S25U	-
IC4261	B	86.0000	80.5500	32C6	-	-	-	670822001	MAX1515ETG+TG069	-
IC4301	B	84.1000	6.2500	33D4	-	-	-	670948201	MAX8744ETJ+TG069	-
IC4302	B	94.5000	1.6000	33A7	-	-	-	670835401	R3112Q421A-TR-FA	-
IC4500	B	60.4500	39.8500	35D7	-	-	-	875964946	SN74AHC1G08DCKR	-
IC4501	B	64.6000	40.5000	35C6,35D6,35E7	-	-	-	875965654	TC7WH14FK(TE85R)	-
IC4511	B	58.4000	52.1500	35E3,35C3,35E2	-	-	-	875965654	TC7WH14FK(TE85R)	-
IC4521	B	63.2000	52.1500	35C2,35B2,35B3	-	-	-	875965654	TC7WH14FK(TE85R)	-
IC4601	B	124.4000	72.9500	36C4	-	-	-	670994201	MAX4211FETE+C3C	-
IC4681	B	131.5000	74.9000	36B4	-	-	-	875964947	SN74AHC1G14DCKR	-
IC4700	B	77.5500	81.4500	37D6	-	-	-	670490801	MAX1908ETI+TG069	-
IC4901	B	79.1000	46.2500	39D6	-	-	-	670830801	R3112Q251A-TR-FA	-
IC4952	B	83.6000	36.6000	39B3,39B2,39B4	-	-	-	875965654	TC7WH14FK(TE85R)	-
JR1	A	41.6500	40.1000	6E4	0	1A	-	169453511	CONDCTOR, CHIP (0603)	DNI
JR330	A	62.5000	72.9500	9E1	0	1A	-	121899011	CONDUCTOR, CHIP (1005)	-
JR2900	A	119.0000	7.6500	29E8	0	1A	-	121899011	CONDUCTOR, CHIP (1005)	-
JR2901	A	131.6500	6.5000	29D8	0	1A	-	121899011	CONDUCTOR, CHIP (1005)	DNI
JR3900	B	18.8000	74.1000	30D6	0	1A	-	169453511	CONDCTOR, CHIP (0603)	DNI
JR3901	B	23.7500	61.6000	30E6	0	1A	-	169453511	CONDCTOR, CHIP (0603)	-
JR3902	B	23.7500	60.6000	30E6	0	1A	-	169453511	CONDCTOR, CHIP (0603)	DNI
JR3940	B	20.7500	64.4500	30C5	0	1A	-	169453511	CONDCTOR, CHIP (0603)	DNI
JR4221	B	85.6500	47.8000	32E4	0	1A	-	169453511	CONDCTOR, CHIP (0603)	DNI
JR4260	B	88.7500	83.6000	32C7	0	1A	-	169453511	CONDCTOR, CHIP (0603)	-
JR4261	B	87.9000	83.8500	32B7	0	1A	-	169453511	CONDCTOR, CHIP (0603)	DNI
L60	B	41.8000	9.8000	6B4	10uH	0.59A	20%	142891221	COIL, CHOKE 10UH	-
L2171	A	53.3000	85.3000	23D3	22.0uH	1.9A	20%	140094211	COIL, CHOKE 22UH	-
L3950	A	38.1000	69.0000	30D2	1.6uH	-	-	145727911	COIL, CHOKE 1.6UH	-
L4101	B	57.5500	10.8500	31D6	10uH	4A	20%	141994021	COIL, CHOKE 10UH	-
L4102	B	56.1000	21.6000	31D3	10uH	4A	20%	141994021	COIL, CHOKE 10UH	-
L4261	B	92.3000	79.5000	32C5	3.0uH	3.0A	20%	145711311	COIL, CHOKE 3UH	-
L4301	B	69.1000	11.5500	33D7	6.4uH	4.8A	20%	145684321	COIL,CHOKE 6.4UH	-
L4302	B	86.0000	17.7000	33D2	10uH	4A	20%	141994021	COIL, CHOKE 10UH	-
L4730	A	89.3000	76.8500	37C4	12uH	2.8A	20%	145684211	COIL, CHOKE 12UH	-
Q41	A	40.2500	60.4000	6A6	-	-	-	655023701	ROM_TRANSISTOR 2SC5658T2LQ/R	-
Q50	A	41.6500	41.3000	6F4	-	-	-	655140201	TSB_RN2104FS(TPL3)	-
Q51	A	40.2000	40.8500	6E4	-	-	-	655078901	TSB_SSM3K15FV(TPL3)	-
Q60	B	41.1000	2.8000	6B4	-	-	-	655071801	ROM_RSR025N03TL	-
Q1570	A	42.9500	41.4000	17B2	-	-	-	655079101	TSB_SSM3J15FV(TPL3)	-
Q1580	B	79.8500	28.1000	17B7,17B7	-	-	-	655079601	TSB_RN1904FS(TPLR3)	-
Q1900	B	30.6500	64.0500	22C2	-	-	-	655078901	TSB_SSM3K15FV(TPL3)	-
Q1990	B	52.1500	69.6000	22B7,22B7	-	-	-	655078601	TSB_RN4984FS(TPLR3)	-
Q2111	B	40.0500	83.0500	23E3,23E1	-	-	-	655079001	TSB_SSM6N15FE(TE85R)	-
Q2112	B	37.1500	84.4000	23F2	-	-	-	655000301	SCG_NTHS5404T1	-
Q2112	B	37.1500	84.4000	23F2	-	-	-	655138501	SCN_SI5404BDC-T1-E3	Alt Q2112
Q2113	B	41.7000	84.9500	23E3	-	-	-	655079501	TSB_RN1104FS(TPL3)	-
Q2153	B	54.5000	80.3000	23B6,23B7	-	-	-	655137401	TSB_SSM6N25TU	-
Q2154	B	51.4000	80.3000	23B4,23B5	-	-	-	655137401	TSB_SSM6N25TU	-
Q2155	B	54.5000	84.7000	23B7	-	-	-	872901517	NEC_2SC4783-T1L5/L6	-
Q2156	B	56.8000	84.7000	23B6	-	-	-	872901517	NEC_2SC4783-T1L5/L6	-

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VGN-TX36C/TX36GP/TX36SP/TX37CP/TX37GP/TX37LP/TX37SP/
TX37TP/TX38CP/TX38HP/TX3XP/TX3XRP/TX52B/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_FDW2501N-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_FDW2501N-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	Y-coordinate	Schamatics	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	44.2000	8B5	10k	1/20W	5%	124070711	RES, CHIP 10K (0603)	-
R246	B	46.6000	43.9500	8B5	10k	1/20W	5%	124070711	RES, CHIP 10K (0603)	-
R300	B	56.9000	60.9000	9C3	2.2k	1/20W	5%	124069911	RES, CHIP 2.2K (0603)	-
R301	B	54.0500	50.4000	9B7	33	1/16W	0.5%	120864711	RES, METAL FILM CHIP 33 (1005)	-
R302	B	52.4000	50.4000	9B7	22	1/16W	0.5%	120864311	RES, METAL FILM CHIP 22 (1005)	-
R303	A	63.3750	72.9500	9E2	1.0k	1/16W	0.5%	120868311	RES,METAL FILM CHIP 1.0K(1005)	-
R304	B	52.4000	51.4000	9A7	15	1/16W	0.5%	122087411	RES, CHIP 15 (1005)	-
R305	B	54.0500	51.4000	9A7	10	1/16W	0.5%	120863511	RES, METAL FILM CHIP 10 (1005)	-
R306	A	64.1750	72.9500	9E2	1.0k	1/16W	0.5%	120868311	RES,METAL FILM CHIP 1.0K(1005)	-
R307	B	52.7500	47.1500	9D5	100	1/16W	0.5%	121894111	RES, CHIP 100	-
R308	B	52.7500	46.3500	9D5	200	1/16W	0.5%	122017411	RES, CHIP 200	-
R311	B	56.8000	48.0500	9B7	33	1/16W	0.5%	120864711	RES,METAL FILM CHIP 33(1005)	-
R312	B	56.8000	46.3500	9B7	22	1/16W	0.5%	120864311	RES,METAL FILM CHIP 22(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
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)	-
R2125	A	42.2500	88.0000	23E5	100k	1/20W	5%	124071811	RES, CHIP 100K (0603)	-
R2126	A	47.1500	88.2500	23C5	100k	1/20W	5%	124071811	RES, CHIP 100K (0603)	-
R2150	B	56.3500	80.5500	23A7	1.0M	1/20W	5%	124072911	RES, CHIP 1M (0603)	-
R2151	B	56.3500	79.1500	23A7	12k	1/16W	5%	121896611	RES, CHIP 12K	-
R2153	B	53.3000	82.5500	23B7	1.0k	1/16W	0.5%	120868311	RES,METAL FILM CHIP 1.0K(1005)	-
R2154	B	54.1000	82.5500	23B7	15	1/16W	0.5%	122087411	RES, CHIP 15 (1005)	-
R2155	B	55.7000	82.5500	23B6	1.0k	1/16W	0.5%	120868311	RES,METAL FILM CHIP 1.0K(1005)	-
R2156	B	54.9000	82.5500	23B6	16	1/16W	0.5%	122087511	RES, CHIP 16 (1005)	-
R2157	B	50.1000	82.5500	23B5	1.0k	1/16W	0.5%	120868311	RES,METAL FILM CHIP 1.0K(1005)	-
R2158	B	50.9000	82.5500	23B5	16	1/16W	0.5%	122087511	RES, CHIP 16 (1005)	-
R2159	B	52.5000	82.5500	23B4	1.0k	1/16W	0.5%	120868311	RES,METAL FILM CHIP 1.0K(1005)	-
R2160	B	51.7000	82.5500	23B4	16	1/16W	0.5%	122087511	RES, CHIP 16 (1005)	-
R2172	A	59.7500	77.6000	23C4	470k	1/20W	5%	124072611	RES, CHIP 470K (0603)	-
R2179	B	63.2500	82.1000	23D2	10	1/10W	0.5%	121196911	-	DNI
R2200	A	94.5500	6.4000	24D2	4.7k	1/20W	5%	124070311	RES, CHIP 4.7K (0603)	-

*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,CHIP 150K	-
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, METAL FILM CHIP 12K(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,METAL FILM CHIP 1.5K(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, METAL PLATE 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,METAL FILM CHIP 2.2K(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,METAL FILM CHIP 2.2K(1005)	-
R4102	B	38.1500	30.0000	31D6	22k	1/16W	0.5%	120871511	RES, METAL FILM CHIP 22K(1005)	-
R4103	B	38.9500	30.0000	31C6	22k	1/16W	0.5%	120871511	RES, METAL FILM CHIP 22K(1005)	-

Ref.No.	A/B	X-coordinate	Y-coordinate	Schamatics	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, METAL FILM CHIP 10 (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,METAL FILM CHIP 1.0K(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, METAL FILM CHIP 22K(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, METAL FILM CHIP 12K(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, METAL PLATE 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, METAL FILM CHIP 22K(1005)	-
R4304	B	85.9500	2.1500	33C7	15k	1/16W	0.5%	120871111	RES, METAL FILM CHIP 15K(1005)	-
R4305	B	84.5000	1.4500	33D7	2.2	1/16W	5%	124416111	RES, CHIP 2.2 (1005)	-
R4307	B	82.4000	2.1500	33D5	2.2	1/16W	5%	124416111	RES, CHIP 2.2 (1005)	-
R4321	B	79.4000	23.3000	33D2	0.006	1/2W	1%	124608711	RES, METAL PLATE 0.006 (3216)	-
R4322	B	86.5500	11.7000	33C2	10k	1/16W	0.5%	120891111	RES, CHIP 10K (1005)	-
R4323	B	86.9500	10.5000	33C2	1.5k	1/16W	0.5%	120868711	RES,METAL FILM CHIP 1.5K(1005)	-
R4324	B	86.1500	10.5000	33C2	18k	1/16W	0.5%	120871311	RES, METAL FILM CHIP 18K(1005)	-
R4325	B	85.2500	11.3000	33D2	2.2	1/16W	5%	124416111	RES, CHIP 2.2 (1005)	-
R4327	B	83.1500	11.0500	33D4	2.2	1/16W	5%	124416111	RES, CHIP 2.2 (1005)	-
R4331	B	89.0500	3.9000	33C6	15k	1/16W	0.5%	120871111	RES, METAL FILM CHIP 15K(1005)	-
R4332	B	89.0500	4.7000	33C6	10k	1/16W	0.5%	120891111	RES, CHIP 10K (1005)	-
R4333	B	88.2000	2.7500	33C3	15k	1/16W	0.5%	120871111	RES, METAL FILM CHIP 15K(1005)	-
R4334	B	88.2000	0.9500	33C3	10k	1/16W	0.5%	120891111	RES, CHIP 10K (1005)	DNI
R4335	B	88.2000	1.8500	33C3	10k	1/16W	0.5%	120891111	RES, CHIP 10K (1005)	-
R4336	B	88.6000	6.0500	33C4	10k	1/16W	0.5%	120891111	RES, CHIP 10K (1005)	-
R4337	B	89.4000	6.0500	33C4	3.3k	1/16W	0.5%	120869511	RES,METAL FILM CHIP 3.3K(1005)	-
R4350	B	97.6000	0.8000	33B7	2.7k	1/16W	0.5%	121895811	RES, CHIP 2.7K	-
R4351	B	98.0500	2.0500	33B7	8.2k	1/16W	0.5%	120890911	RES, CHIP 8.2K (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
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	22k	1/16W	0.5%	120871511	RES, METAL FILM CHIP 22K(1005)	-
R4392	B	87.7500	10.5000	33D4	1.0k	1/16W	0.5%	120868311	RES, METAL FILM CHIP 1.0K(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, METAL FILM CHIP 470(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, METAL FILM CHIP 4.7K(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%	120885511	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, METAL FILM CHIP 4.7K(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, METAL FILM CHIP 4.7K(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, METAL FILM CHIP 6.8K(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, METAL FILM CHIP 470(1005)	-
R4705	B	78.7000	85.3000	37D7	6.8k	1/16W	0.5%	120870311	RES, METAL FILM CHIP 6.8K(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, METAL FILM CHIP 10(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, METAL FILM CHIP 1.5K(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, METAL FILM CHIP 22K(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, METAL FILM CHIP 2.2K(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, METAL FILM CHIP 10(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, METAL FILM CHIP 3.9K(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, METAL FILM CHIP 15K(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, METAL FILM CHIP 4.7K(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, METAL FILM CHIP 22K(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, METAL FILM CHIP 22K(1005)	-
R4807	B	34.8500	84.9500	38E2	8.2k	1/16W	5%	121896411	RES, CHIP 8.2K	-
R4809	B	73.0000	85.2500	38C7	68k	1/16W	0.5%	120893111	RES, CHIP 68K (1005)	-
R4810	B	72.2000	85.2500	38C7	12k	1/16W	0.5%	120870911	RES, METAL FILM CHIP 12K(1005)	-
R4811	B	71.4000	85.2500	38C7	2.2k	1/16W	0.5%	120869111	RES, METAL FILM CHIP 2.2K(1005)	-
R4816	B	11.3500	81.0500	38B7	10k	1/20W	5%	124070711	RES, CHIP 10K (0603)	-
R4817	B	10.6500	81.0500	38B6	10k	1/20W	5%	124070711	RES, CHIP 10K (0603)	-
R4818	B	11.3500	79.8500	38A6	100k	1/20W	5%	124071811	RES, CHIP 100K (0603)	-
R4819	B	22.5500	84.7500	38E5	4.7	1/16W	5%	122080311	RES, CHIP 4.7	-
R4821	B	18.9500	78.8000	38D3	100k	1/20W	5%	124071811	RES, CHIP 100K (0603)	-
R4822	B	23.7500	78.2500	38D3	470k	1/20W	5%	124072611	RES, CHIP 470K (0603)	-
R4823	B	24.0000	79.2500	38D3	220k	1/20W	5%	124072211	RES, CHIP 220K (0603)	-
R4841	A	16.3500	71.9500	38E5	2.2k	1/20W	5%	124069911	RES, CHIP 2.2K (0603)	-
R4854	B	18.4000	82.0500	38D5	470k	1/20W	5%	124072611	RES, CHIP 470K (0603)	-
R4871	B	22.7000	79.7000	38B4	22k	1/16W	0.5%	120871511	RES, METAL FILM CHIP 22K(1005)	-
R4872	B	22.5000	78.9000	38B4	4.7k	1/20W	5%	124070311	RES, CHIP 4.7K (0603)	-
R4873	B	18.9500	79.4000	38B4	33k	1/20W	5%	124071311	RES, CHIP 33K (0603)	-
R4886	B	18.7500	80.7500	38C4	100k	1/16W	0.5%	120893511	RES, CHIP 100K (1005)	-
R4901	B	76.6500	44.7500	39E7	1.0k	1/16W	0.5%	120868311	RES, METAL FILM CHIP 1.0K(1005)	-
R4902	B	83.5500	46.4500	39D6	10k	1/20W	5%	124070711	RES, CHIP 10K (0603)	-

*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)	-
TH111	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	-	-	-	180201411	THERMISTOR,POSITIVE	-
X220	B	53.1000	56.1500	8E7	14.318180	-	-	179595821	VIBRATOR,CRYSTAL	-
X1300	B	77.5500	73.0000	19C6	24.576MHz	-	-	178169221	VIBRATOR,CRYSTAL	-
X1500	B	52.0500	38.5500	17C5	32.768KHz	-	20ppm	181384311	VIBRATOR,CRYSTAL(32.768KHZ)	-
X1900	B	29.7500	80.8000	22C3	10.0MHz	-	-	181366211	VIBRATOR,CRYSTAL(10MHZ)	-

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SONY PROPRIETARY INFORMATIONSONY CONFIDENTIAL

ZONELTRREVISIONSDESCRIPTIONDATEAPPR.

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

SCHEMATICS

MAIN SYSTEM BOARD

MBX-153

REV. 1.203

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BLOCK	PAGE	REF. NO.	DESCRIPTIONS
TITLE	1	-	INDEX (THIS PAGE)
○ 1 BLOCK	23	-	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

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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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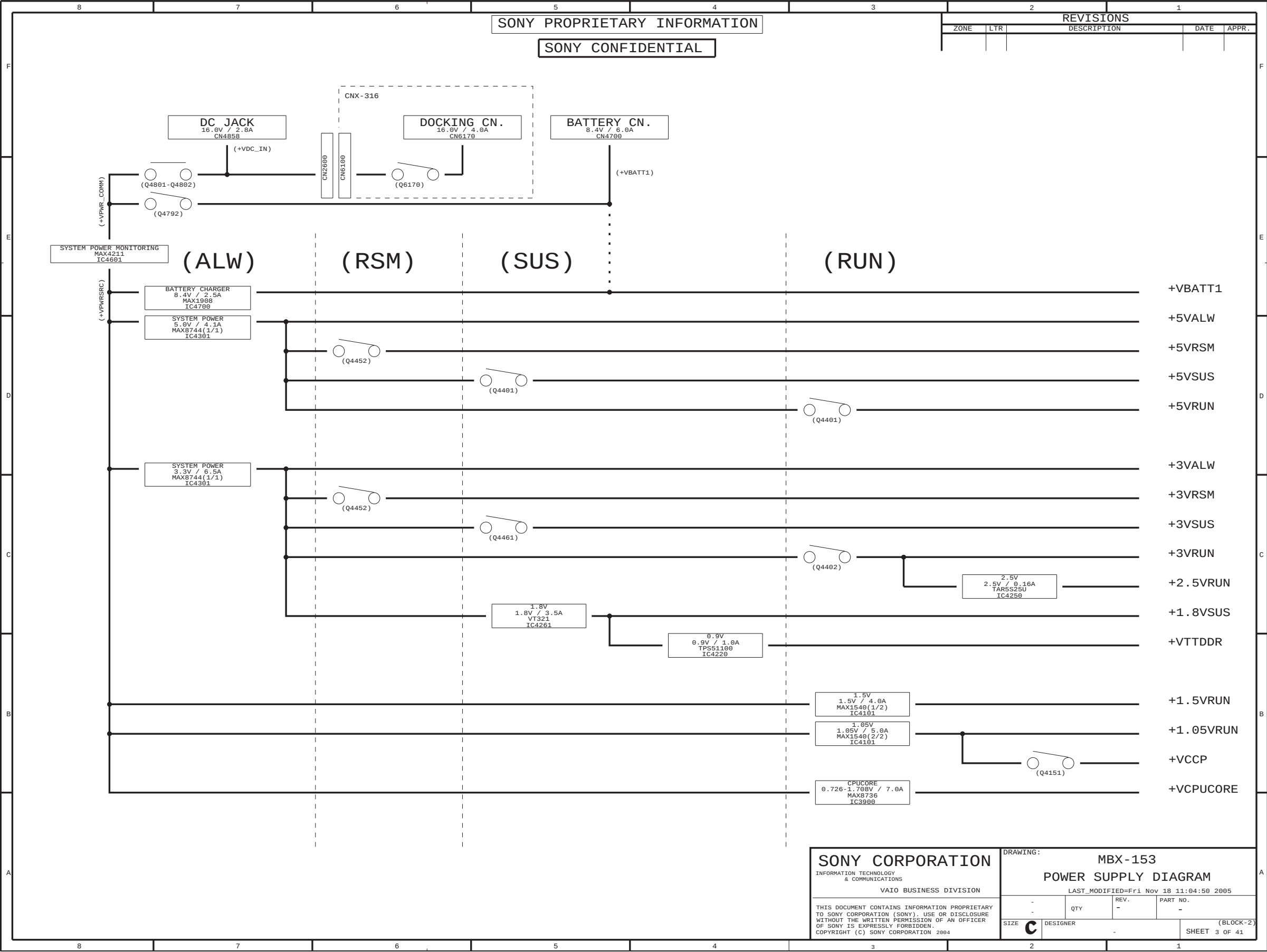
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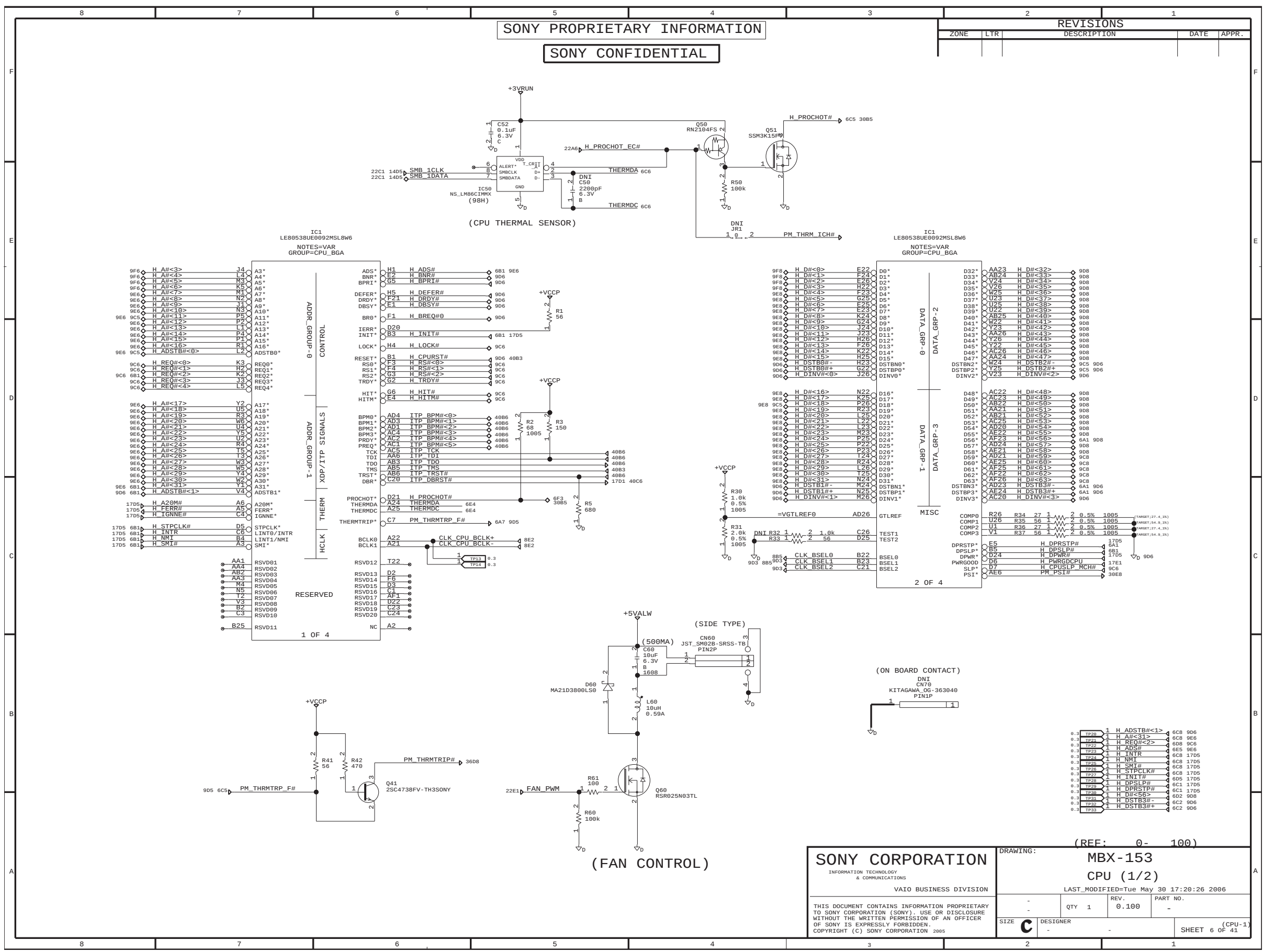
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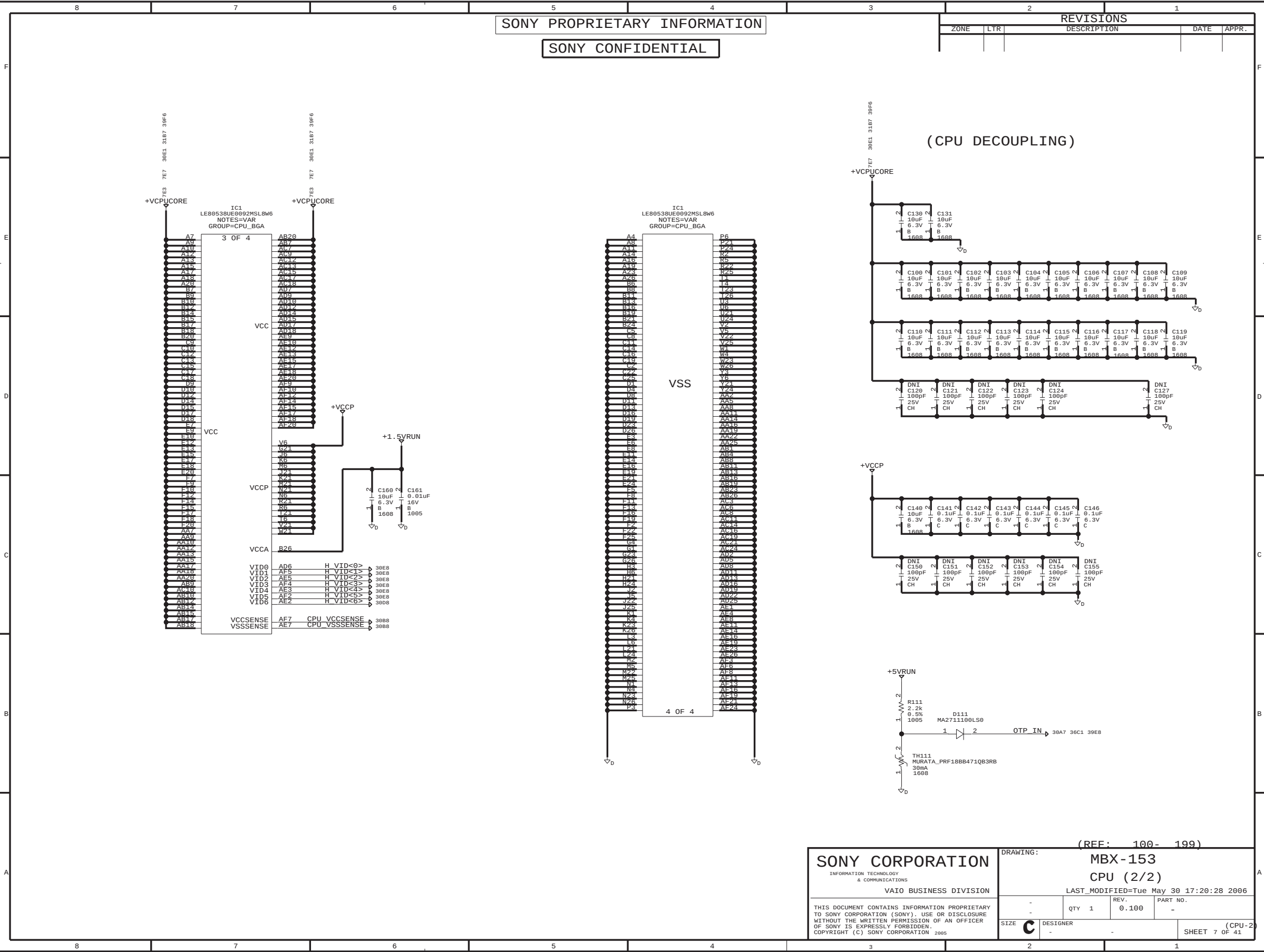
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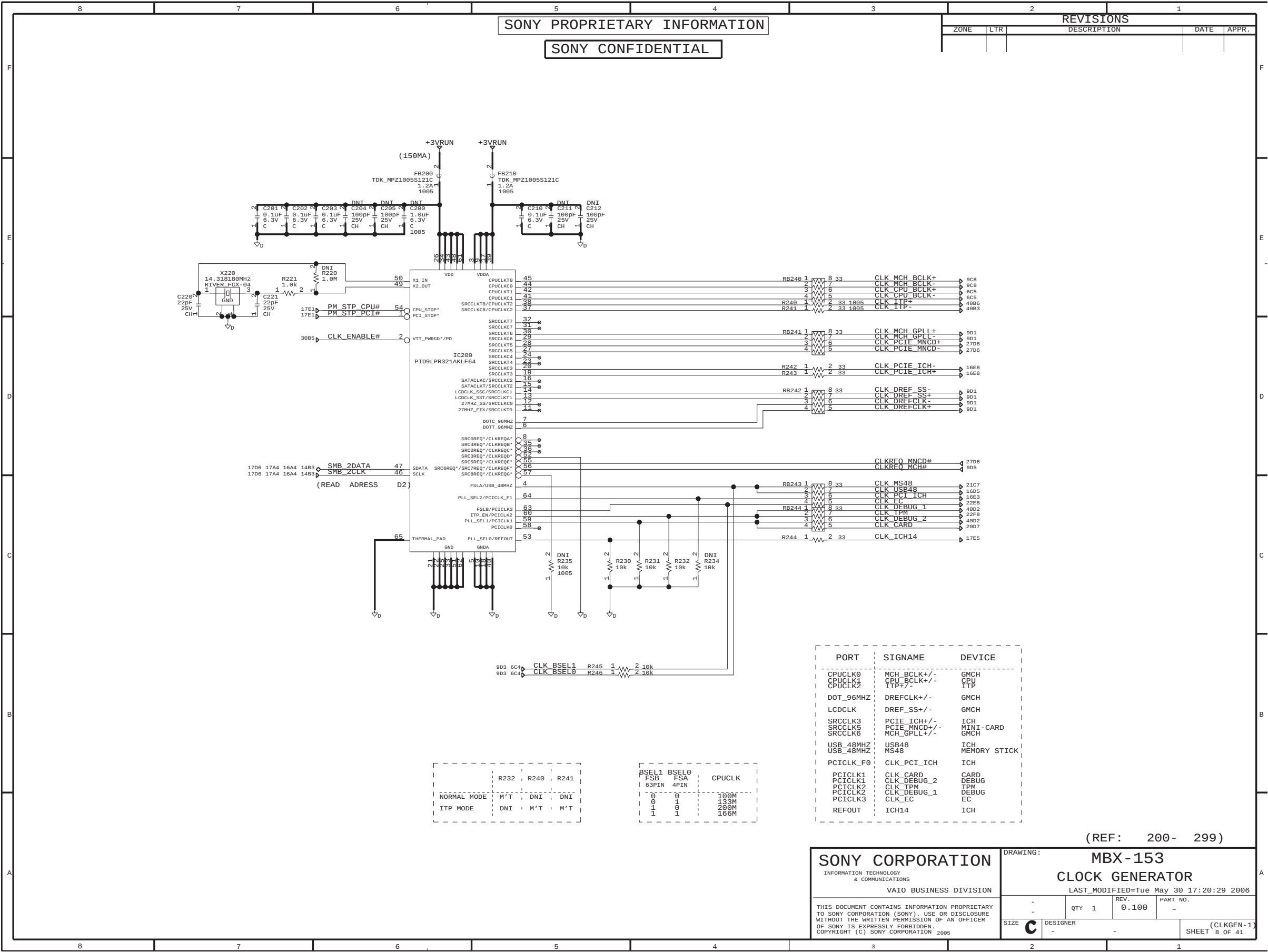
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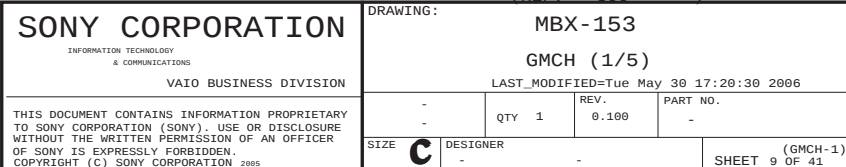
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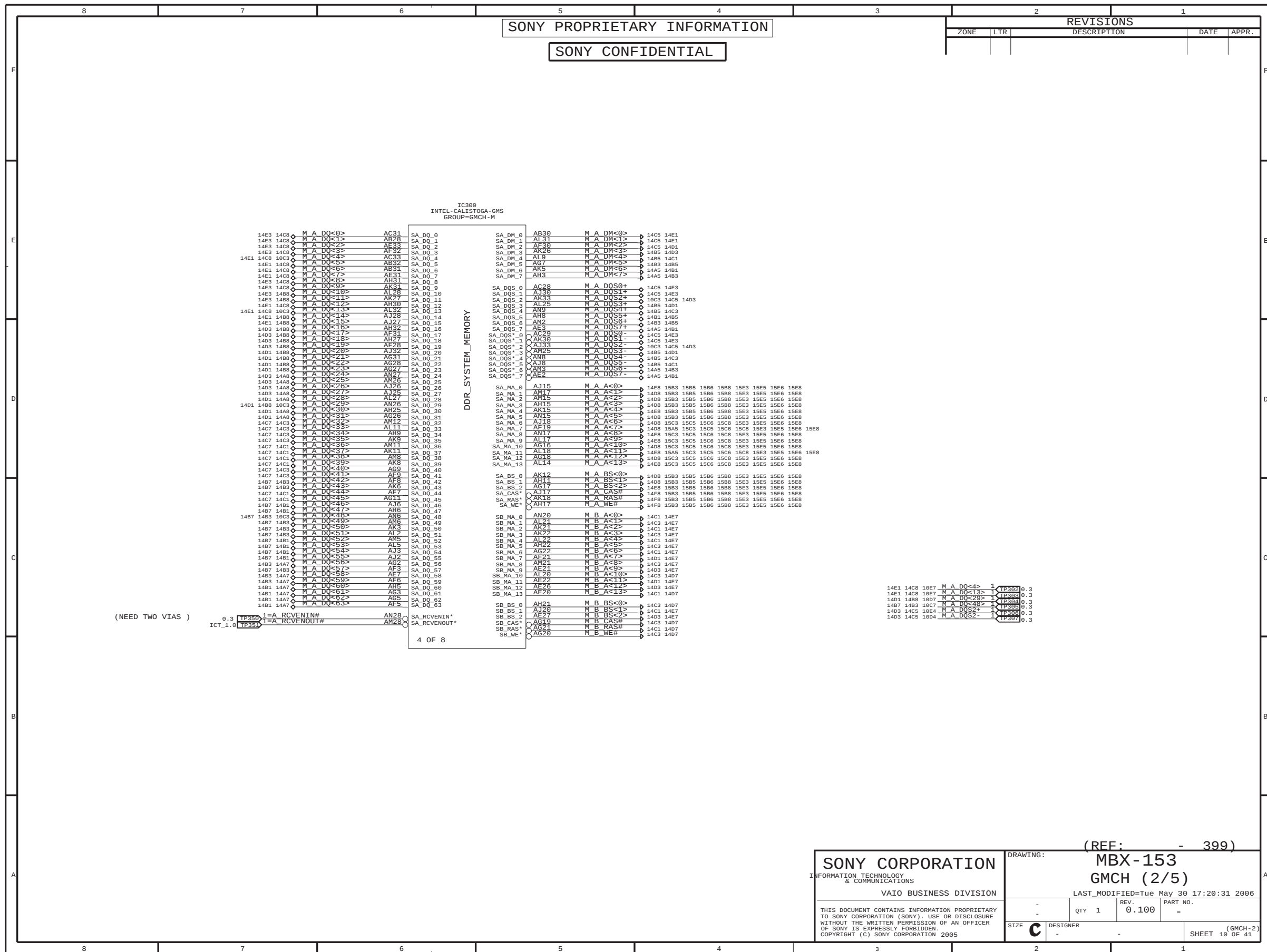
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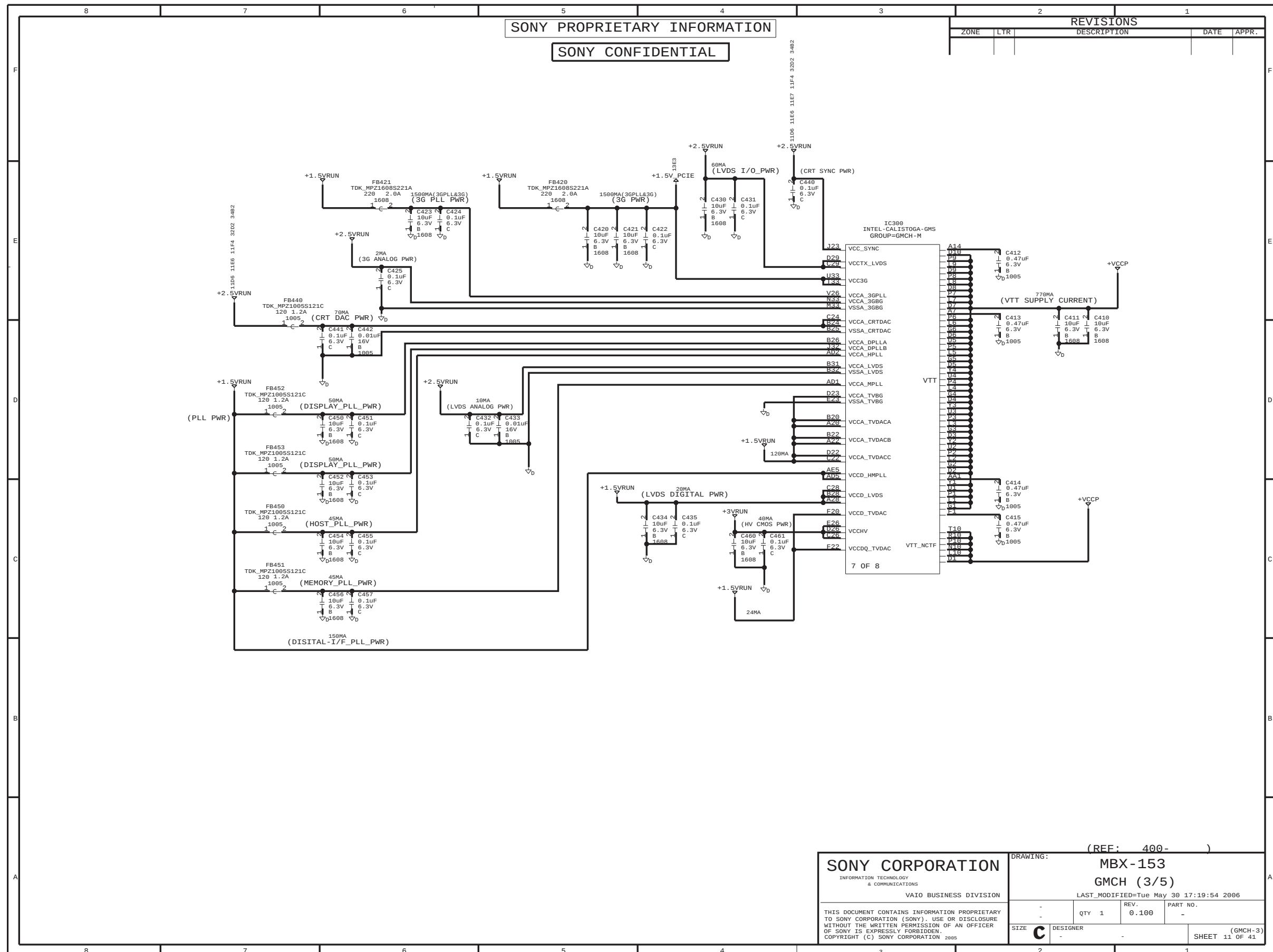


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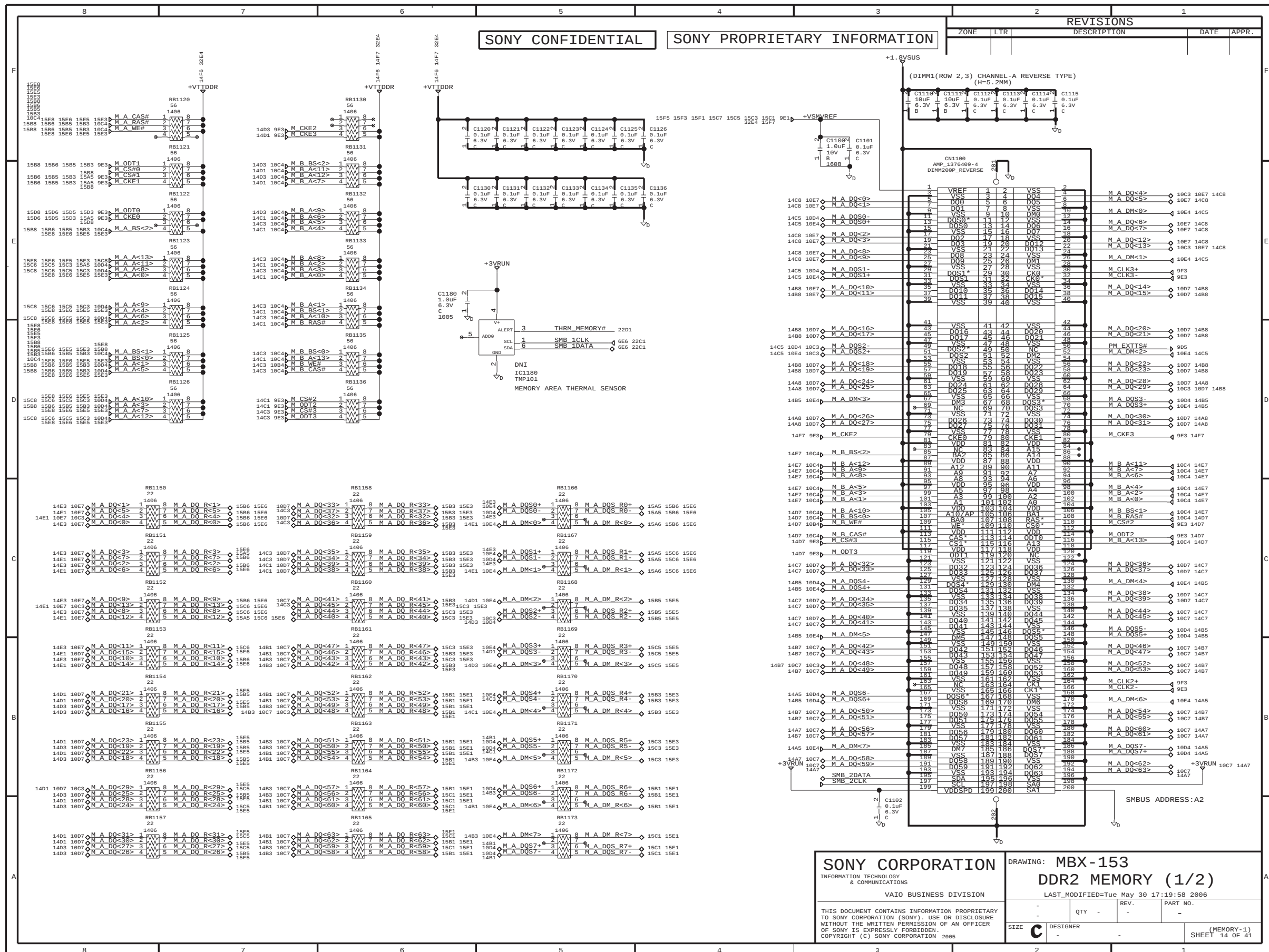
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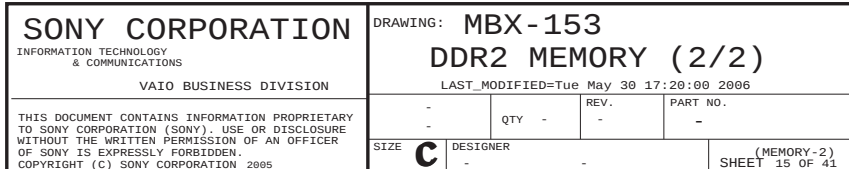


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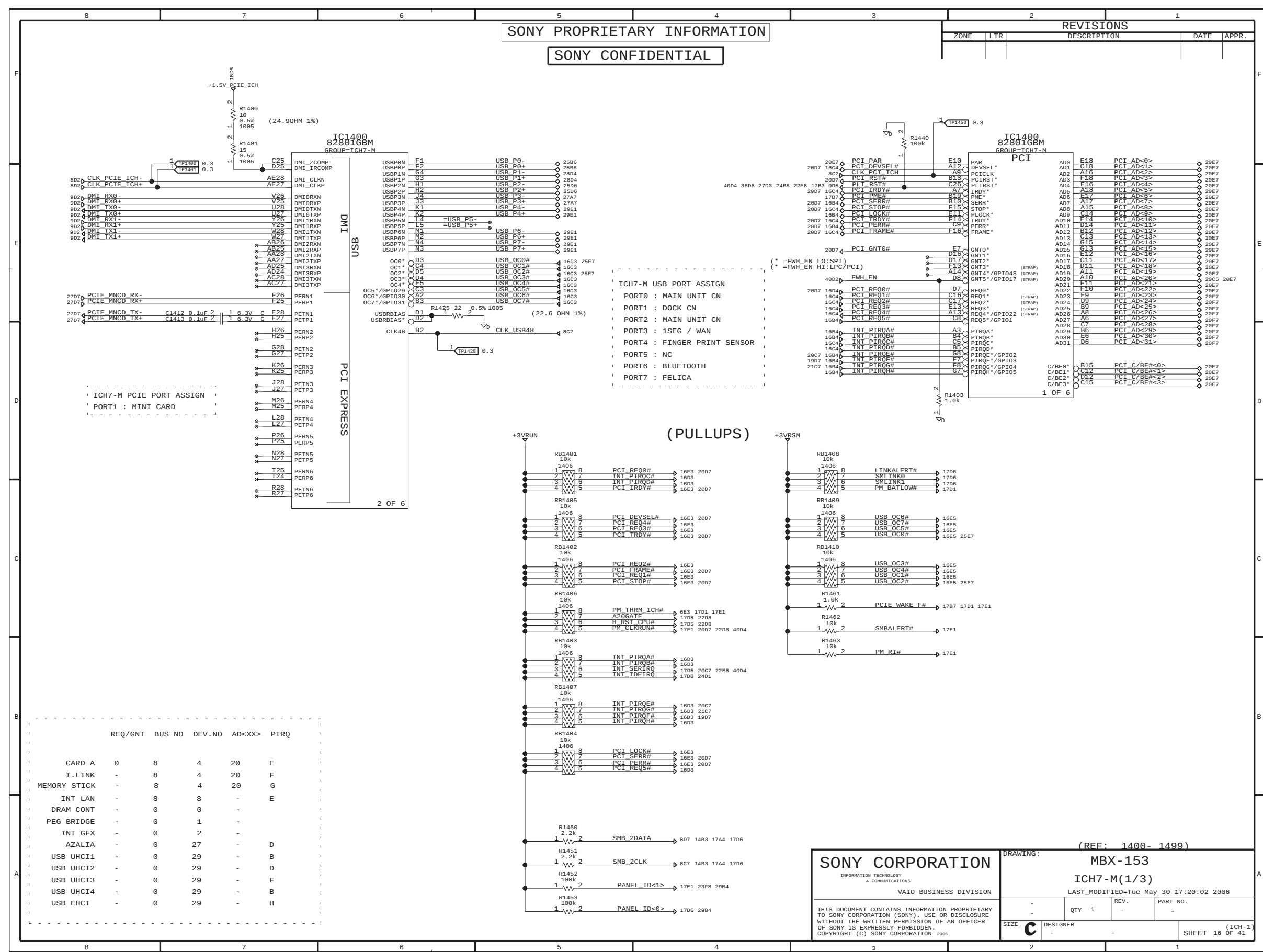
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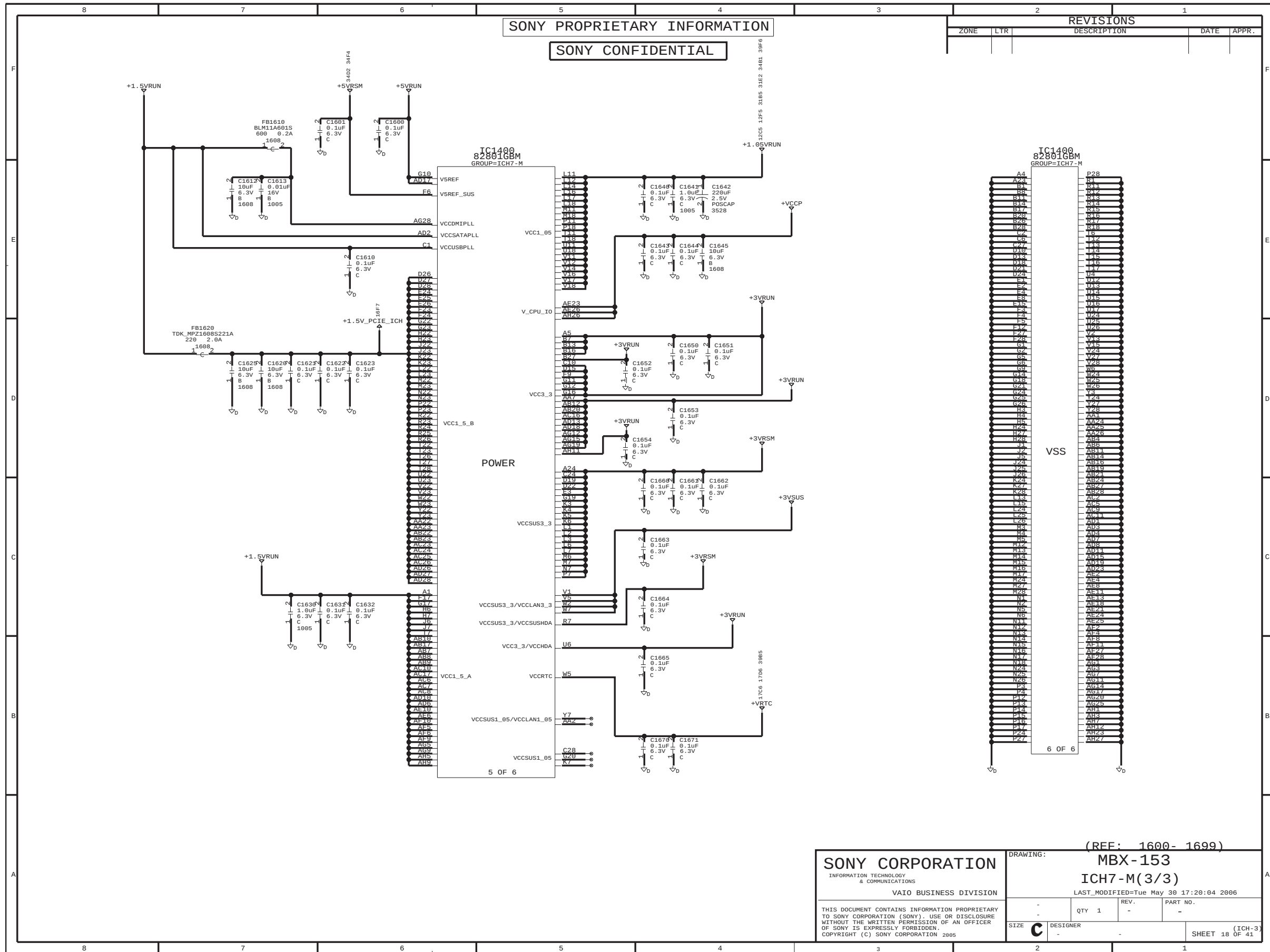
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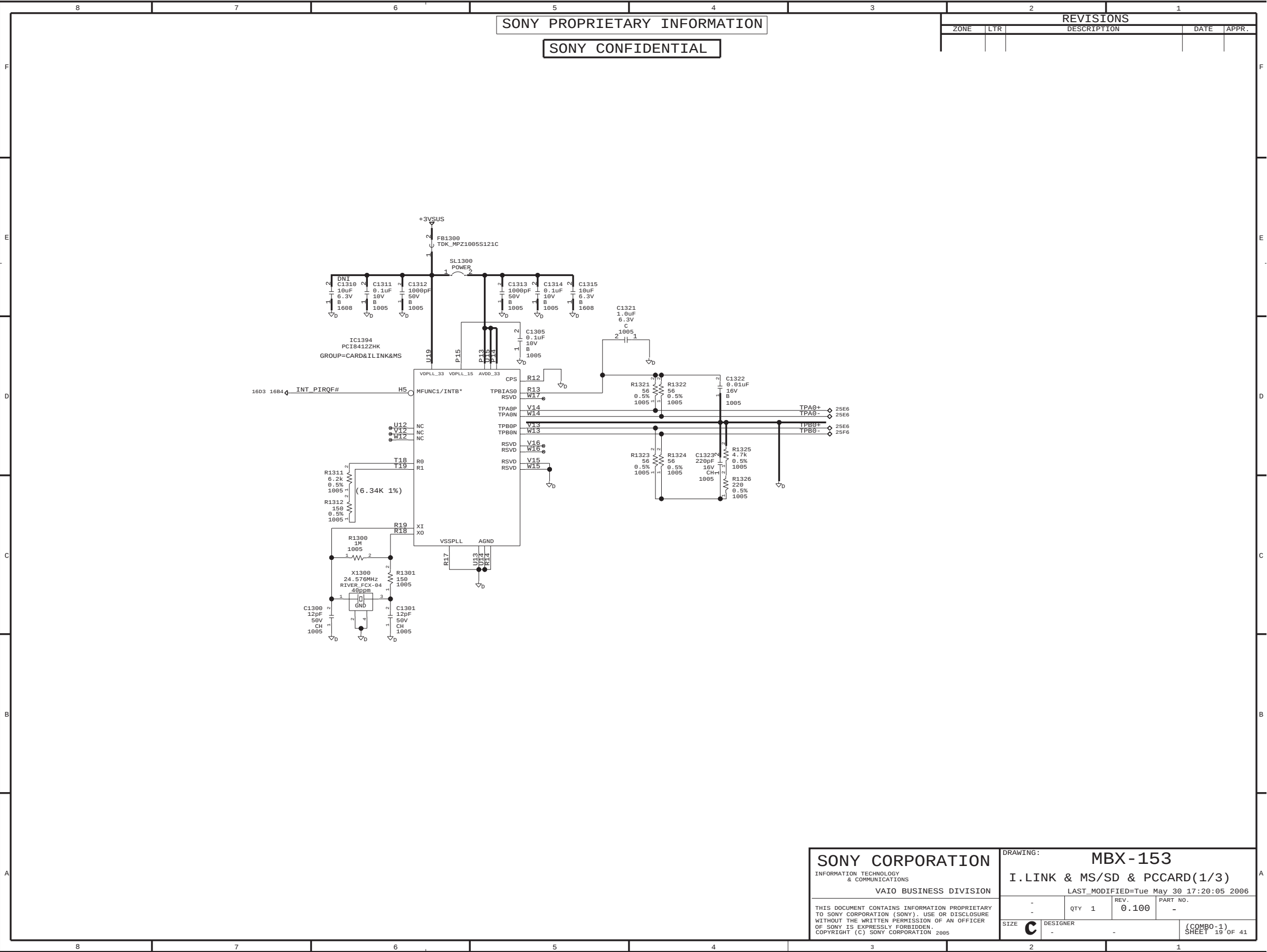
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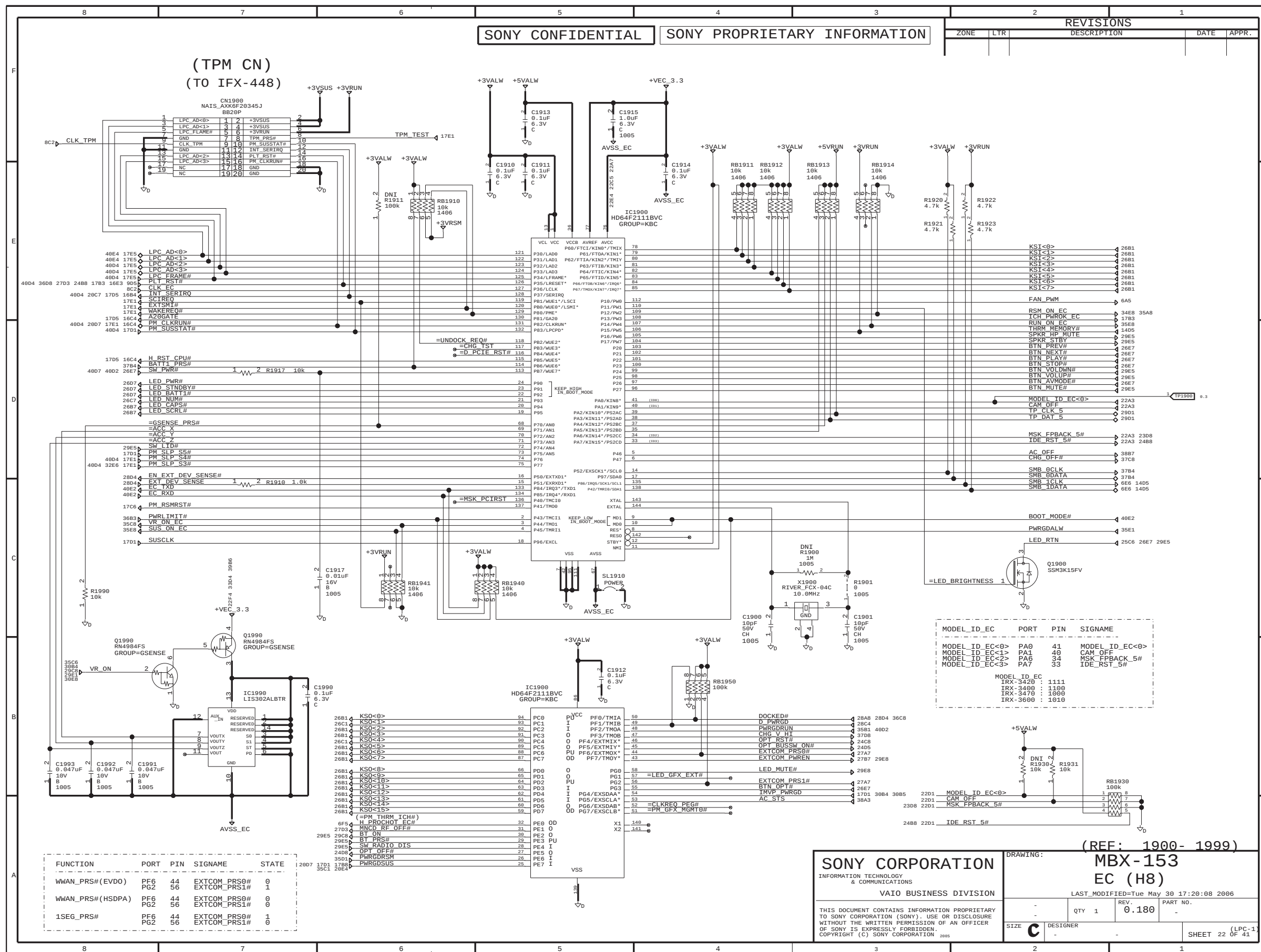
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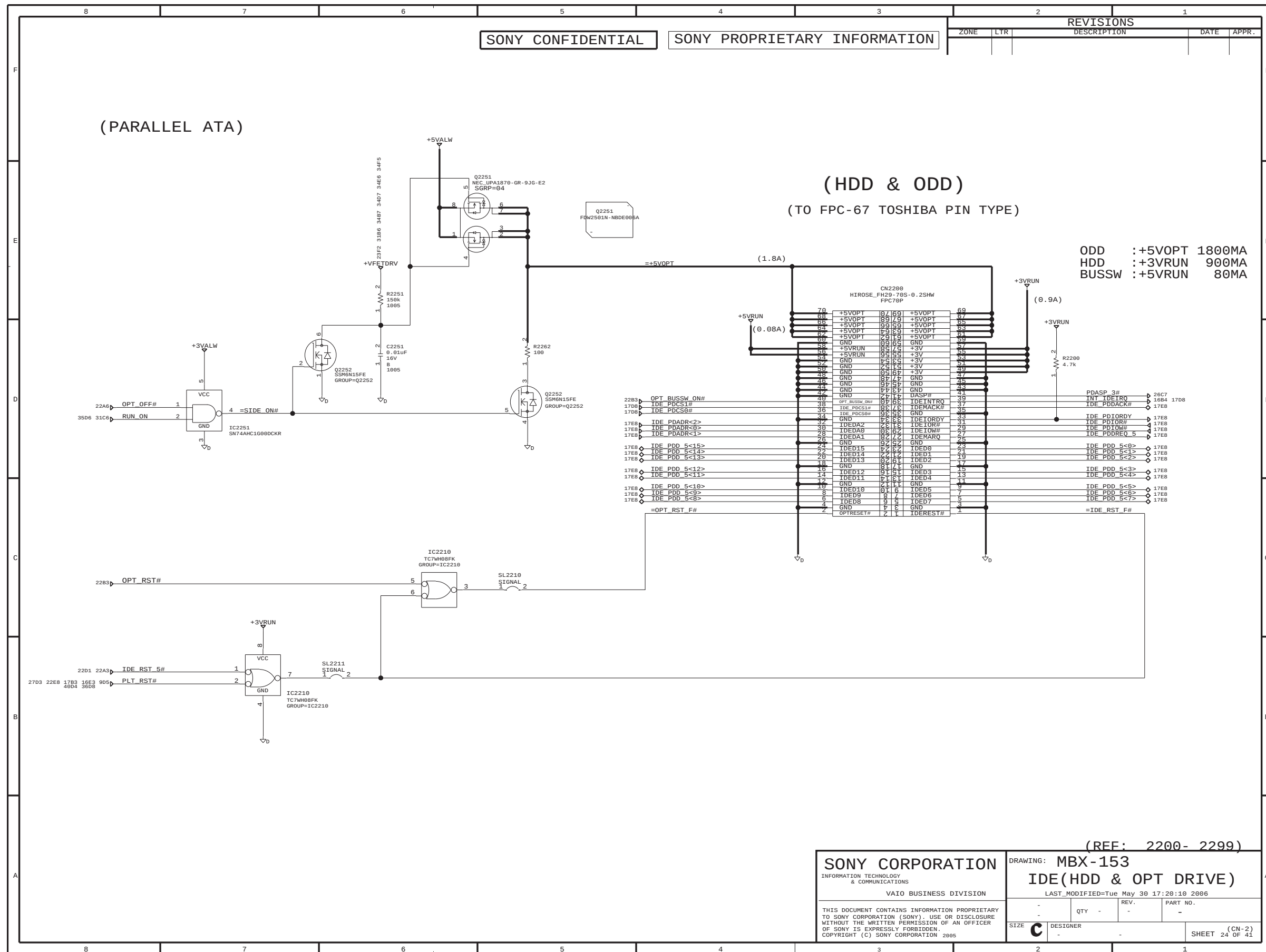


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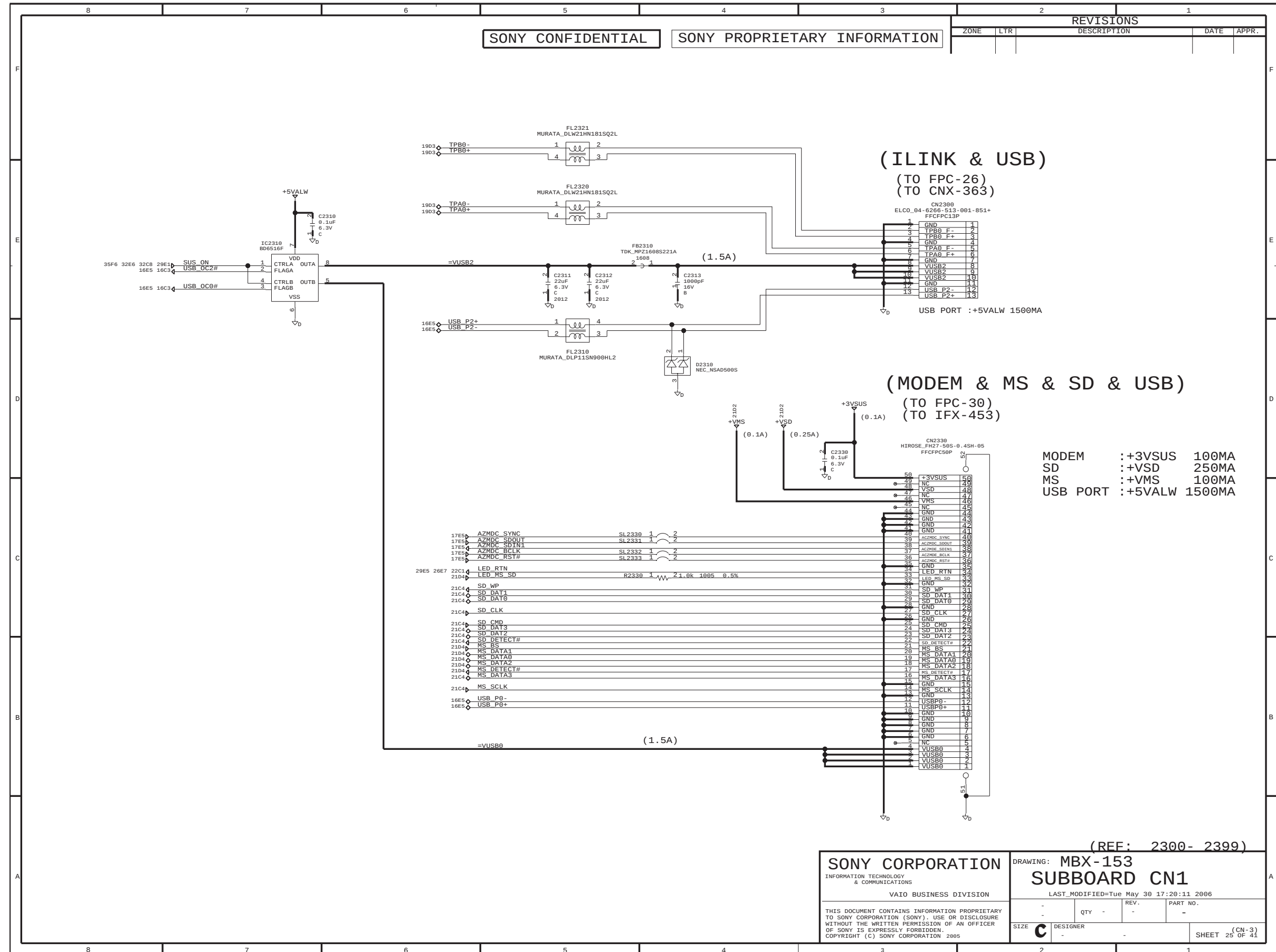
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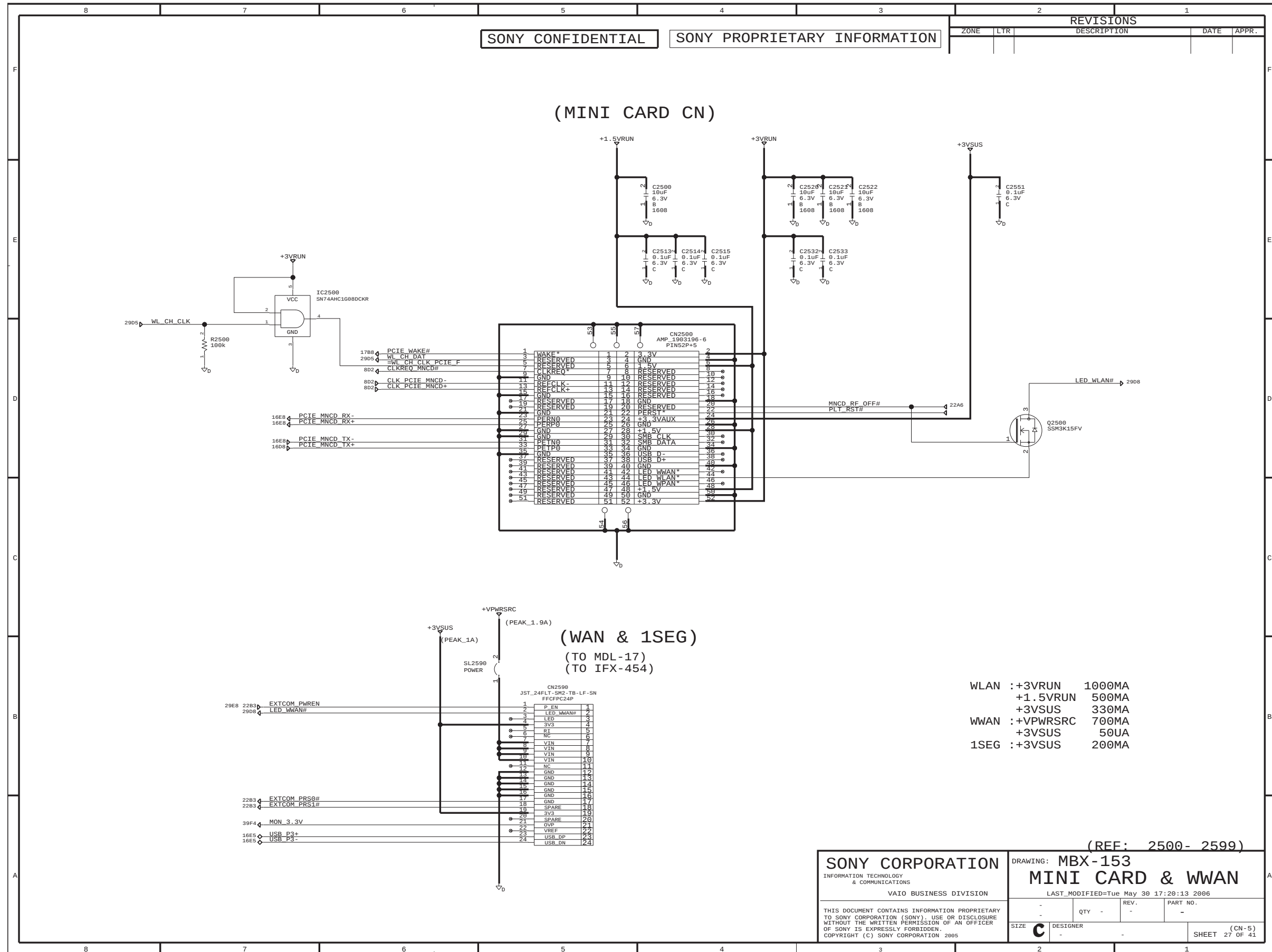


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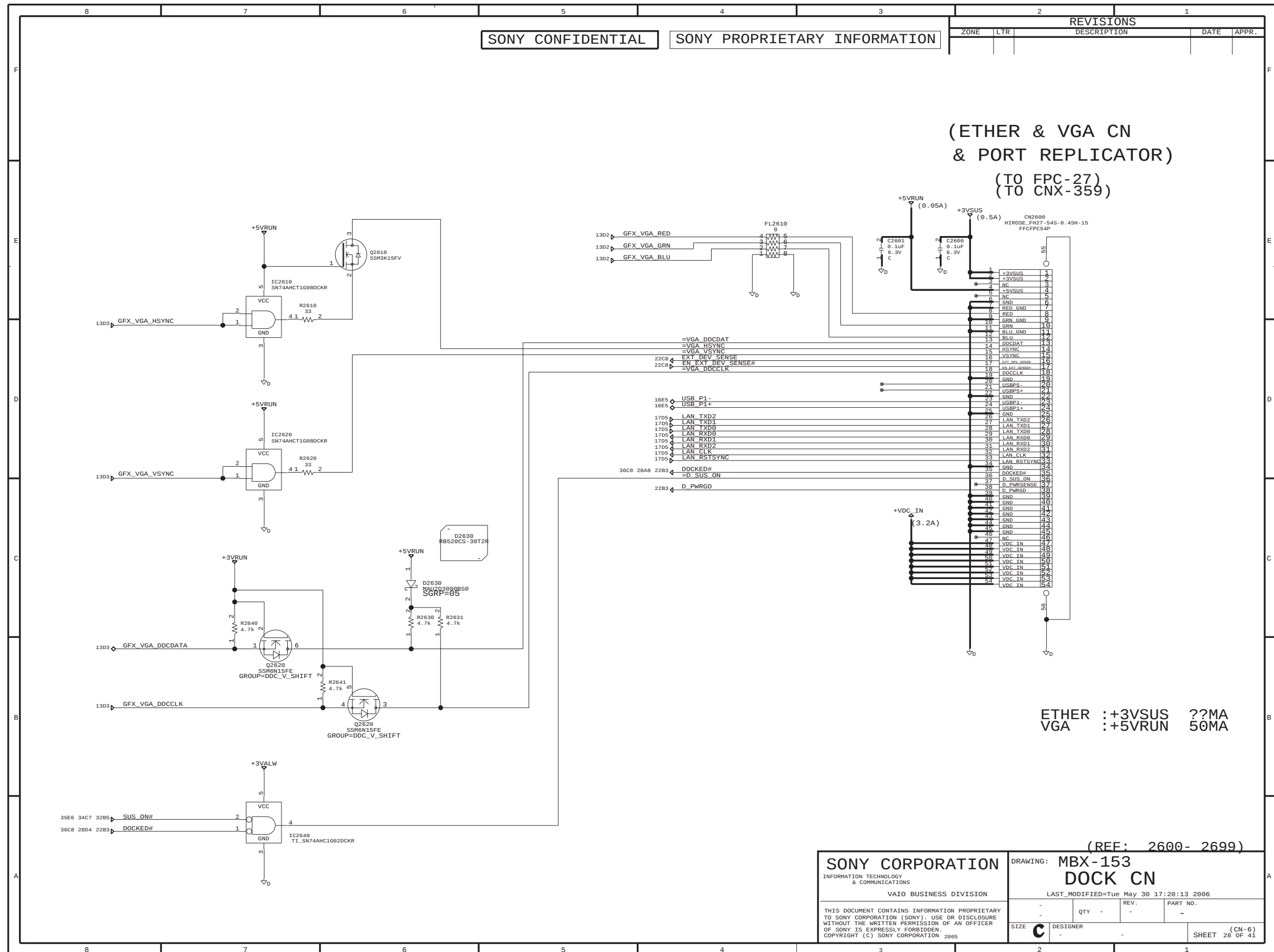
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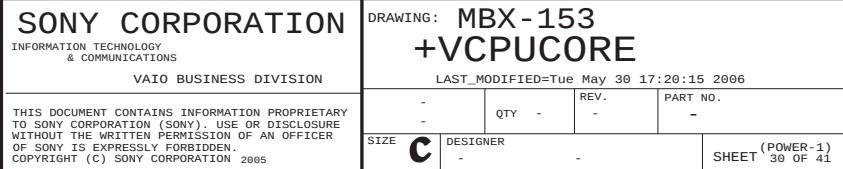
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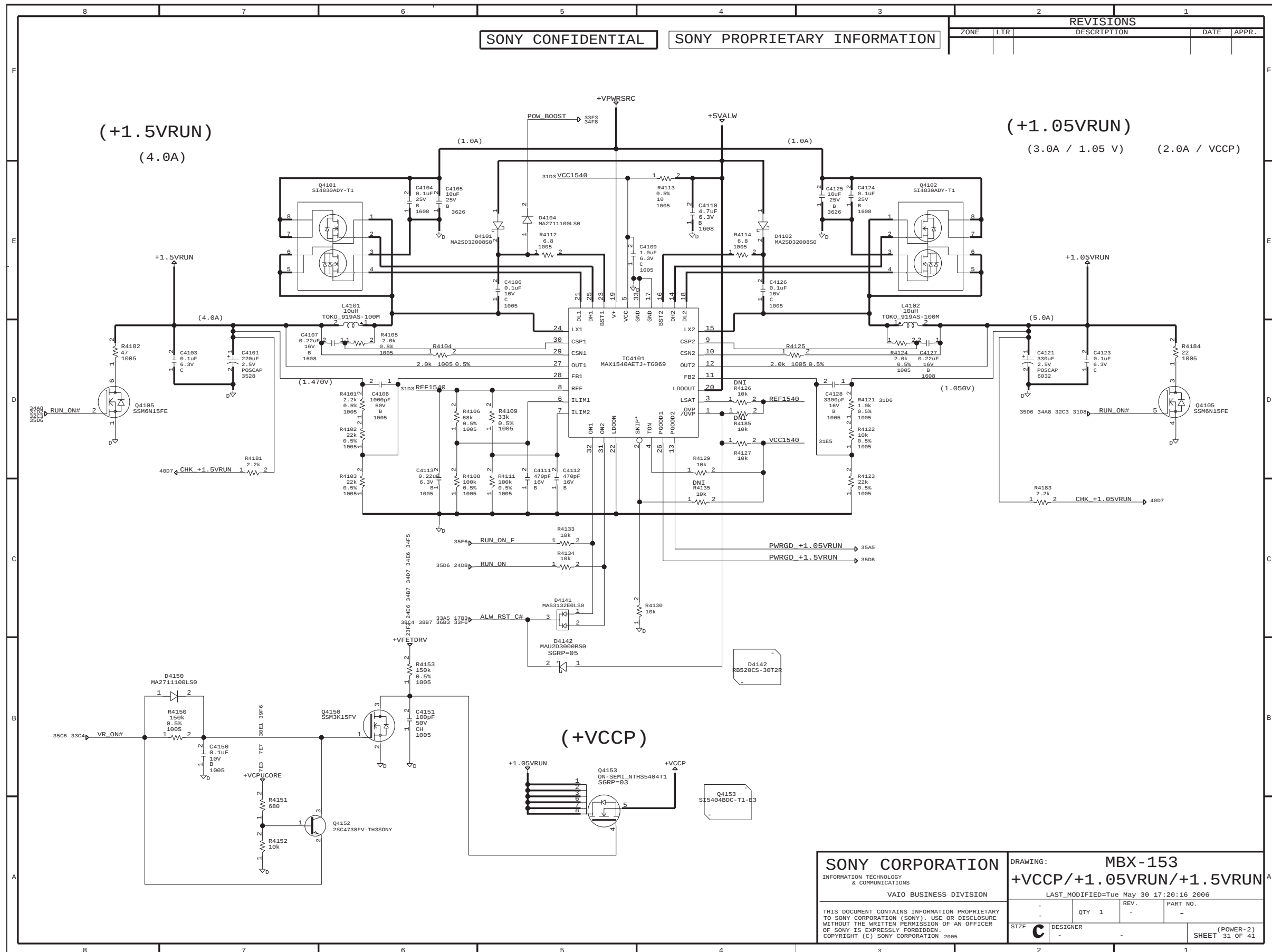
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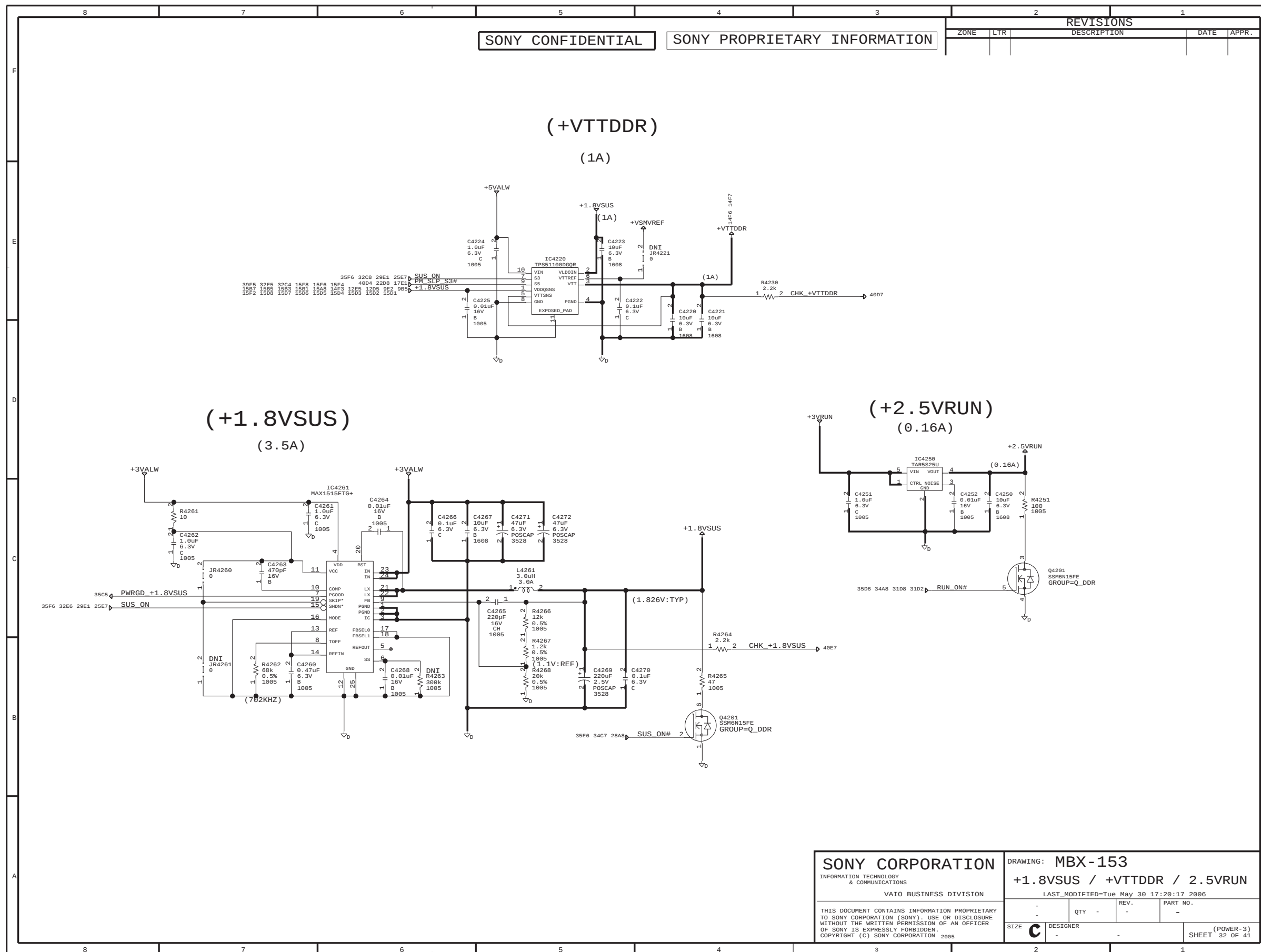
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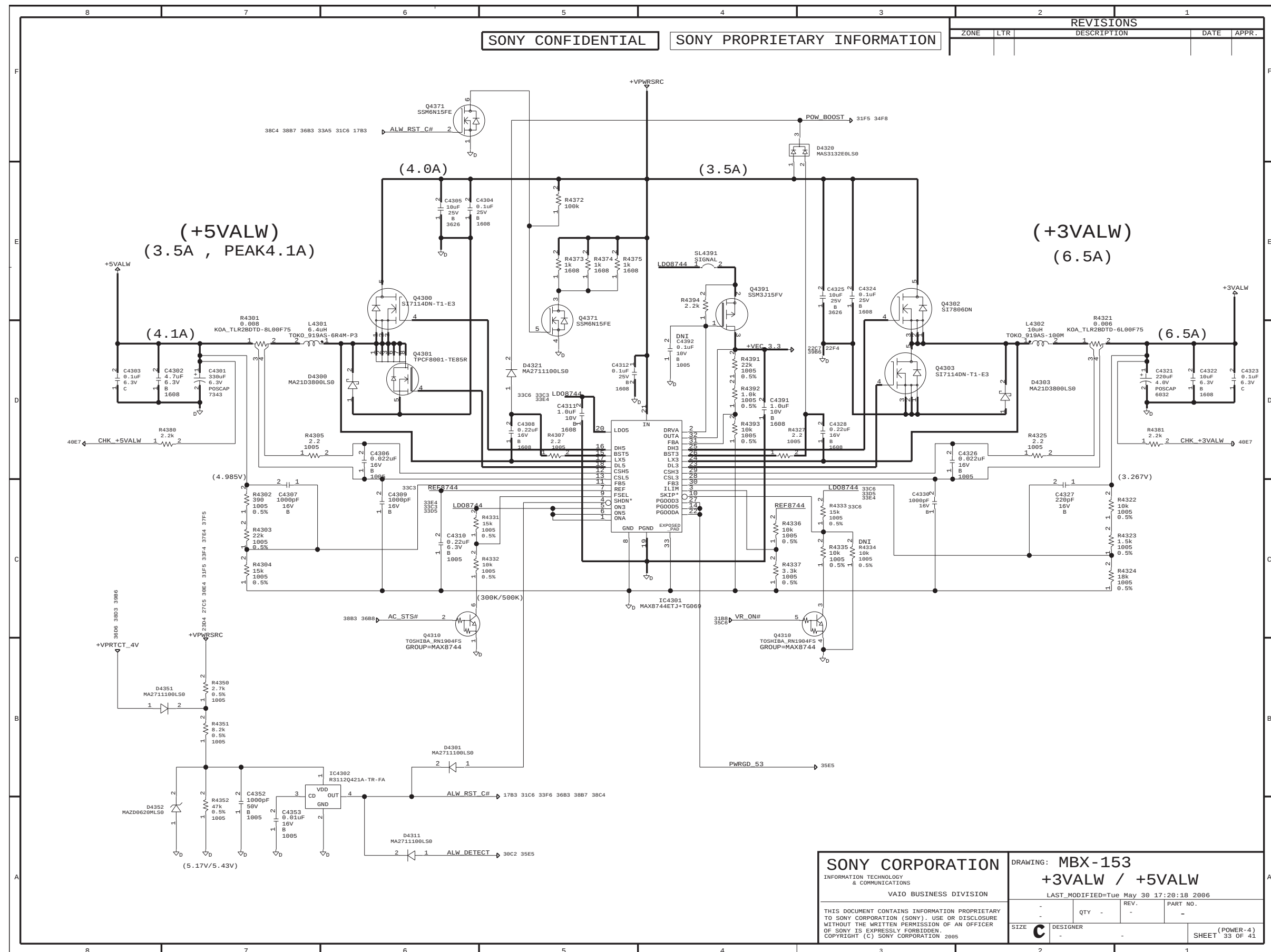
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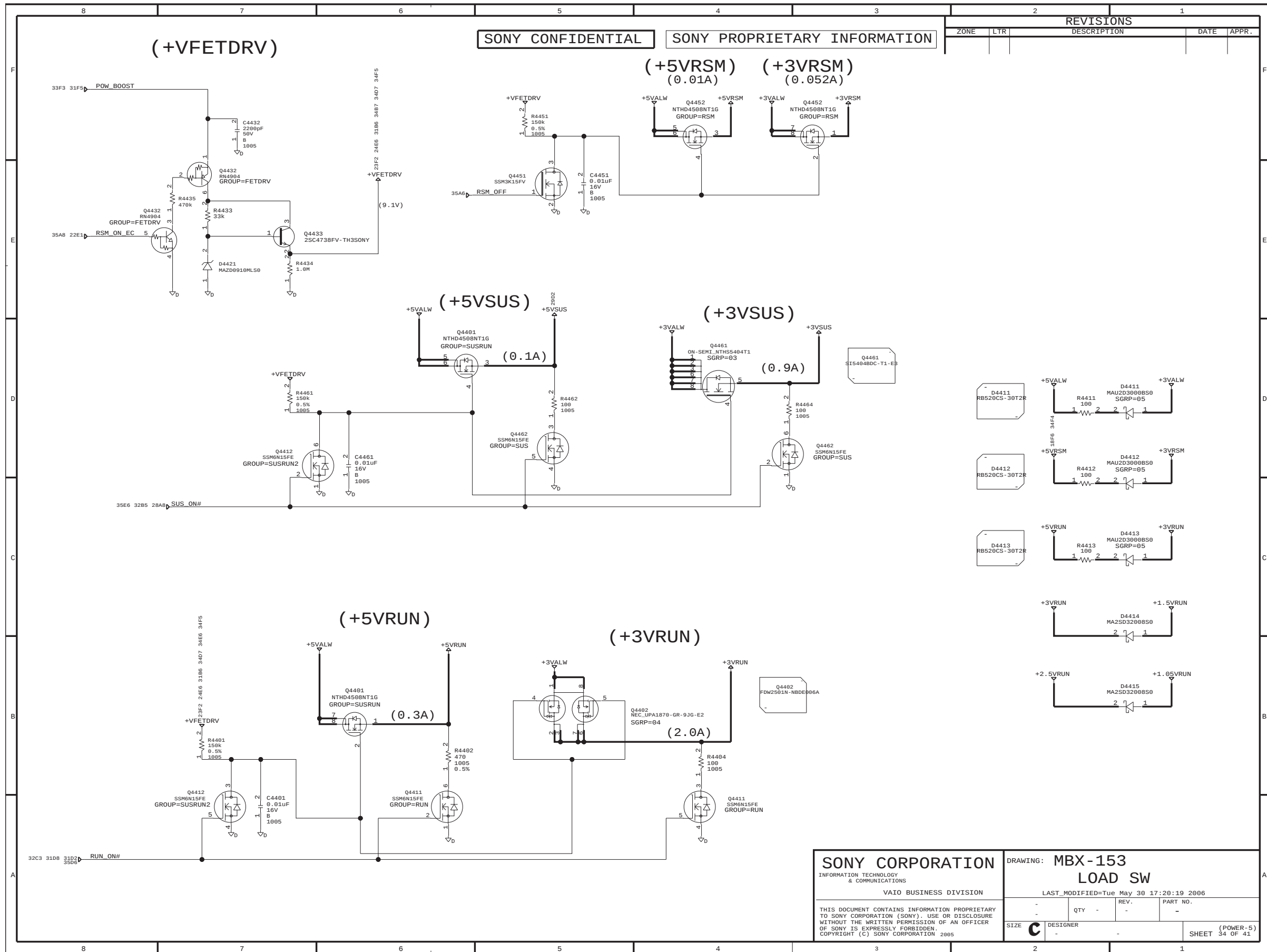
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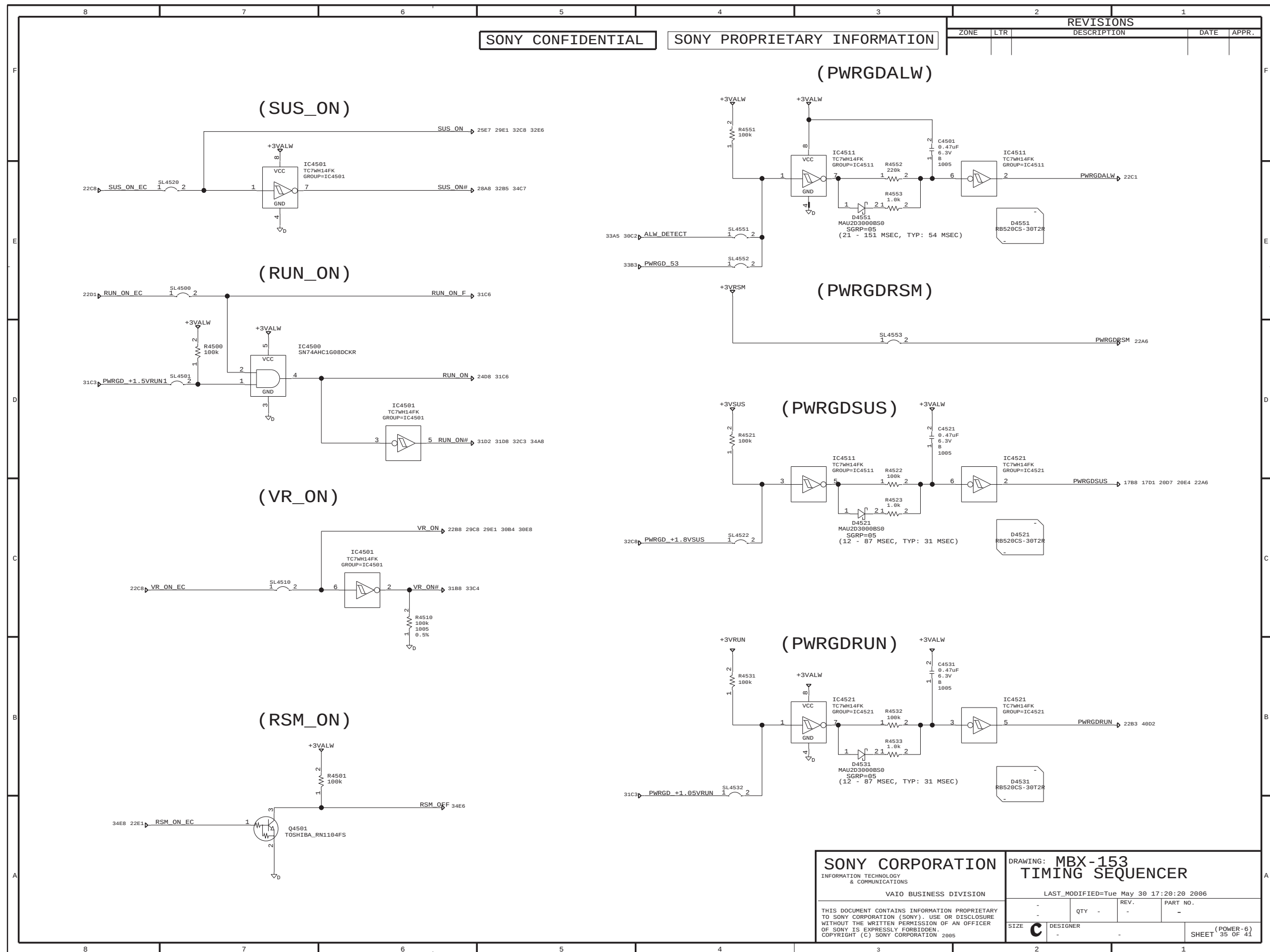
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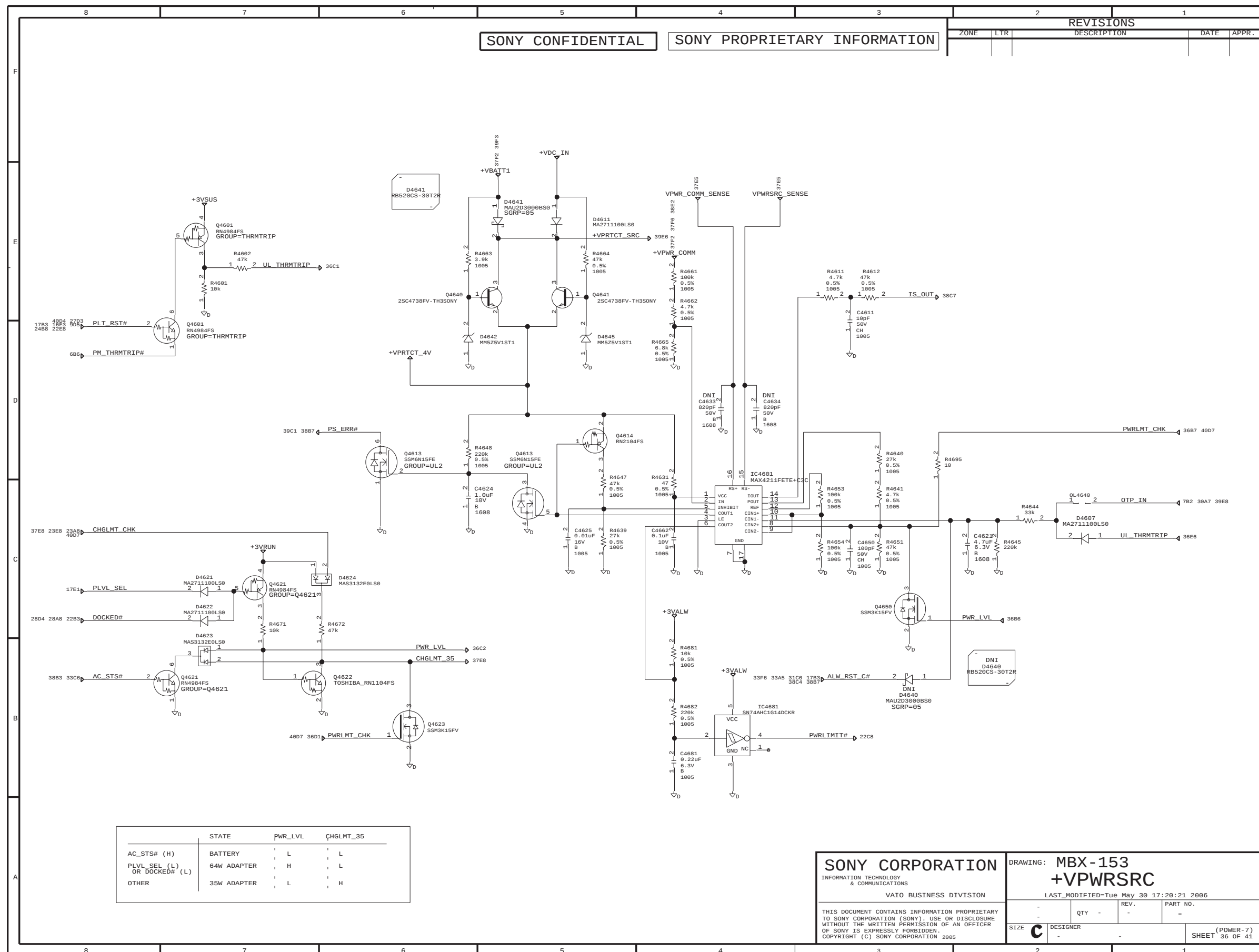
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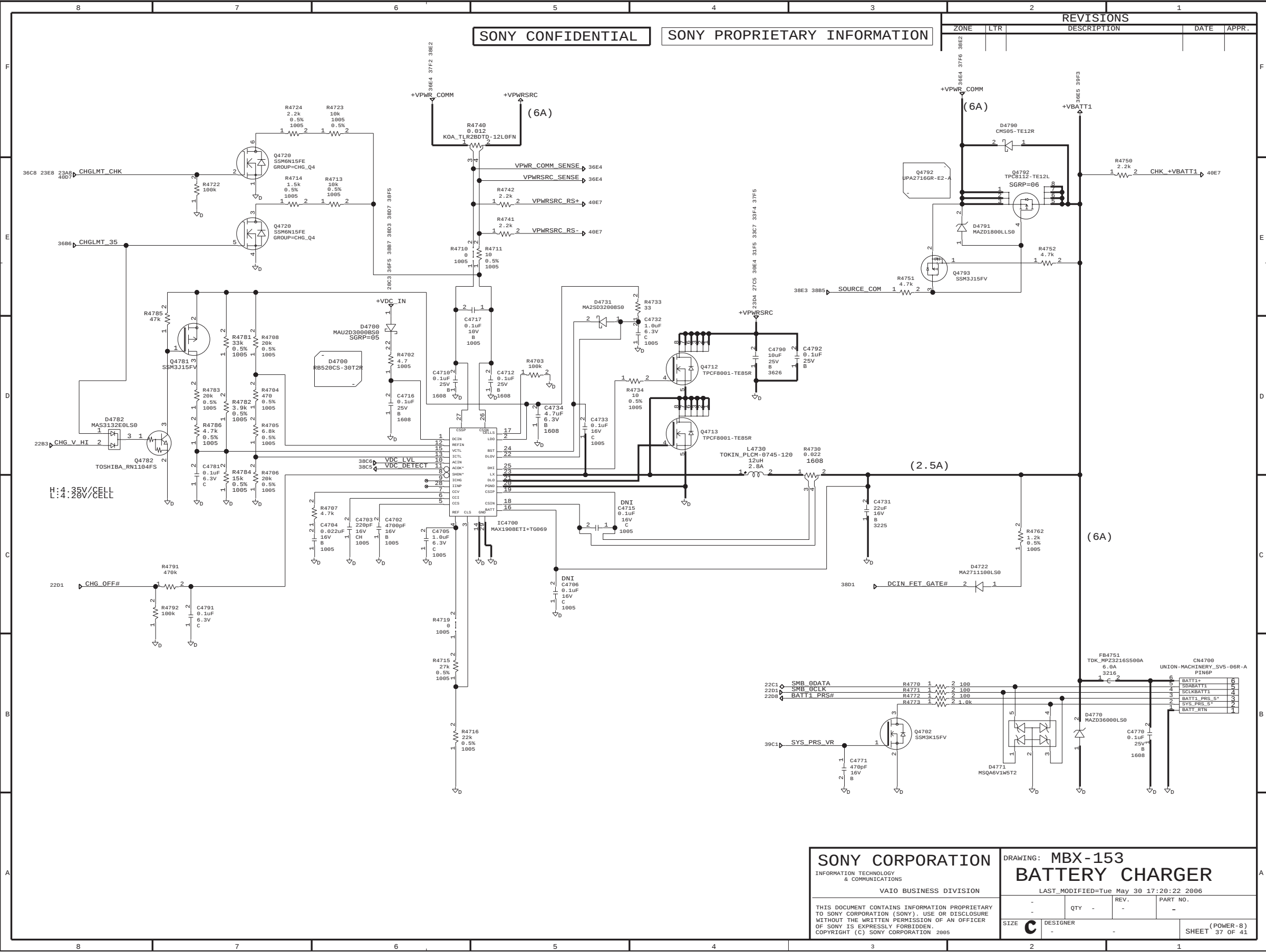
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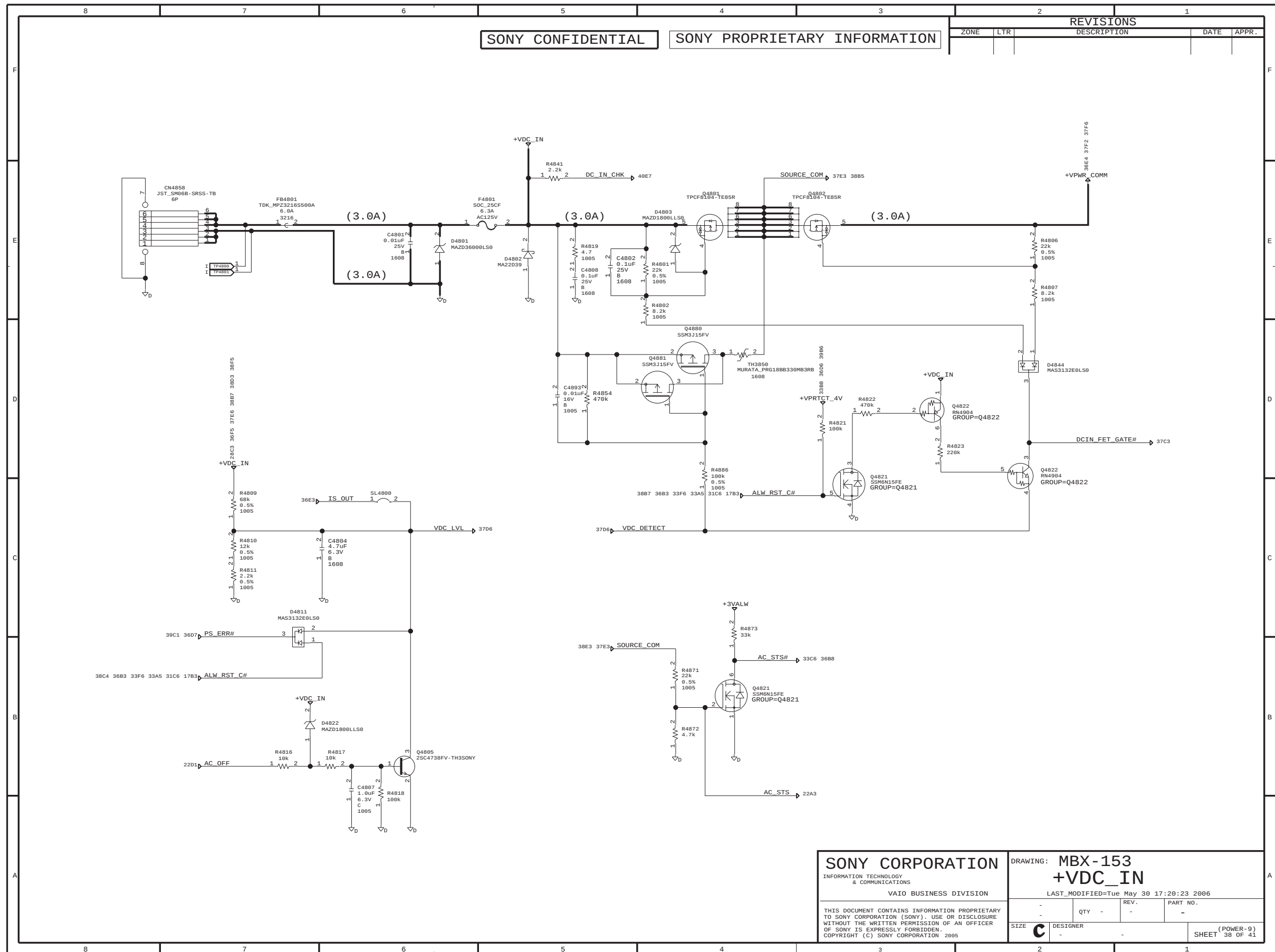
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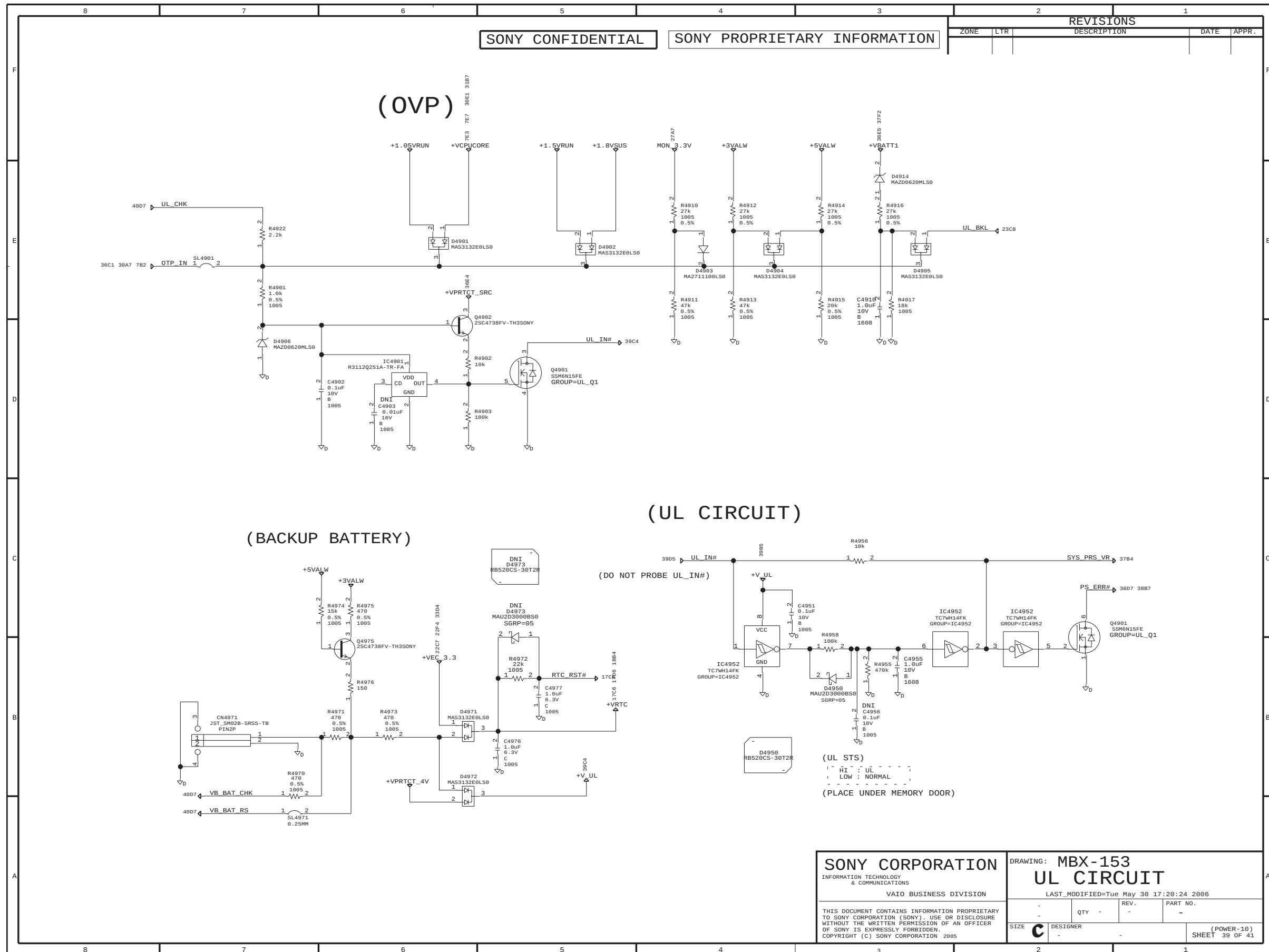
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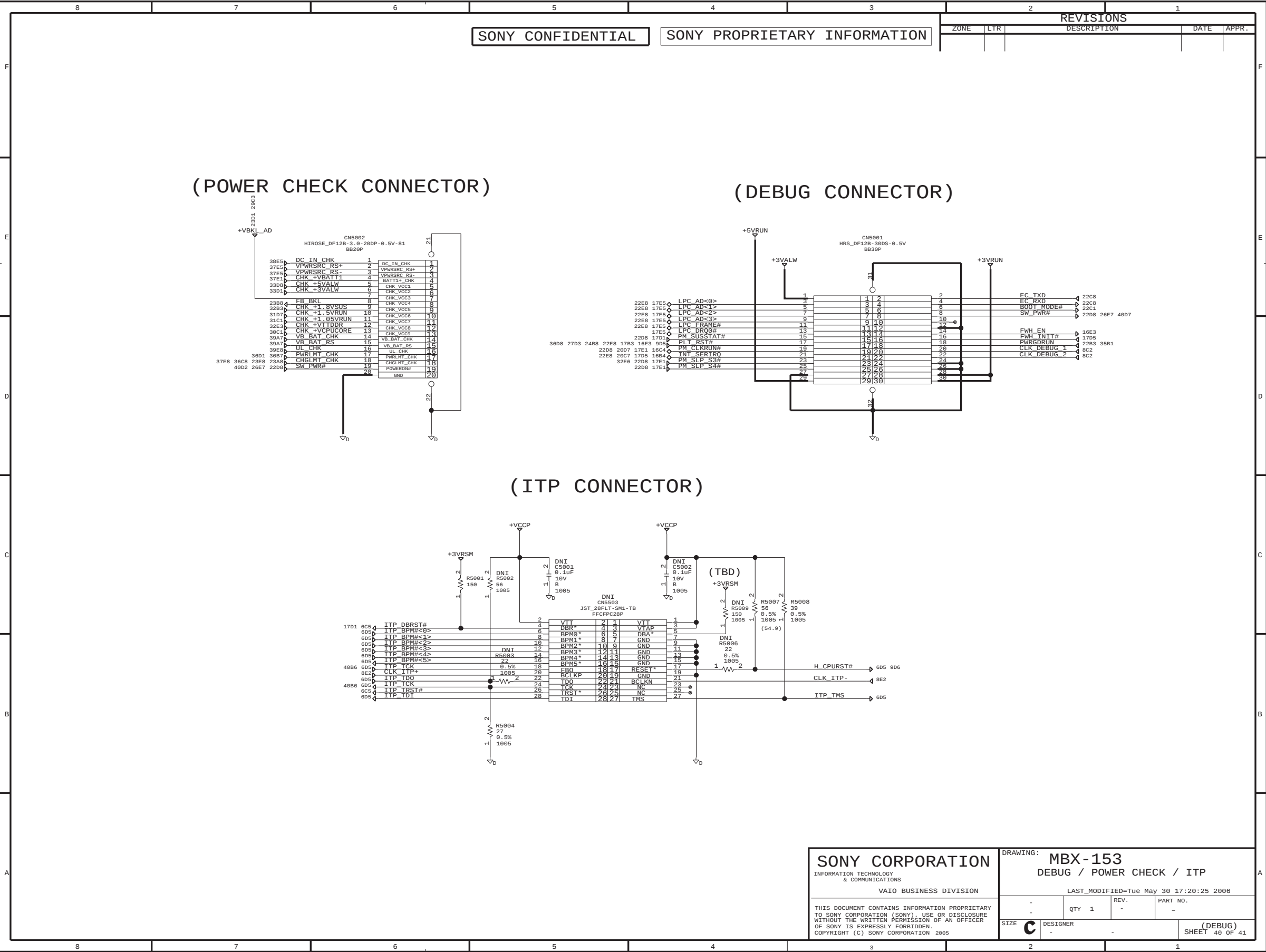
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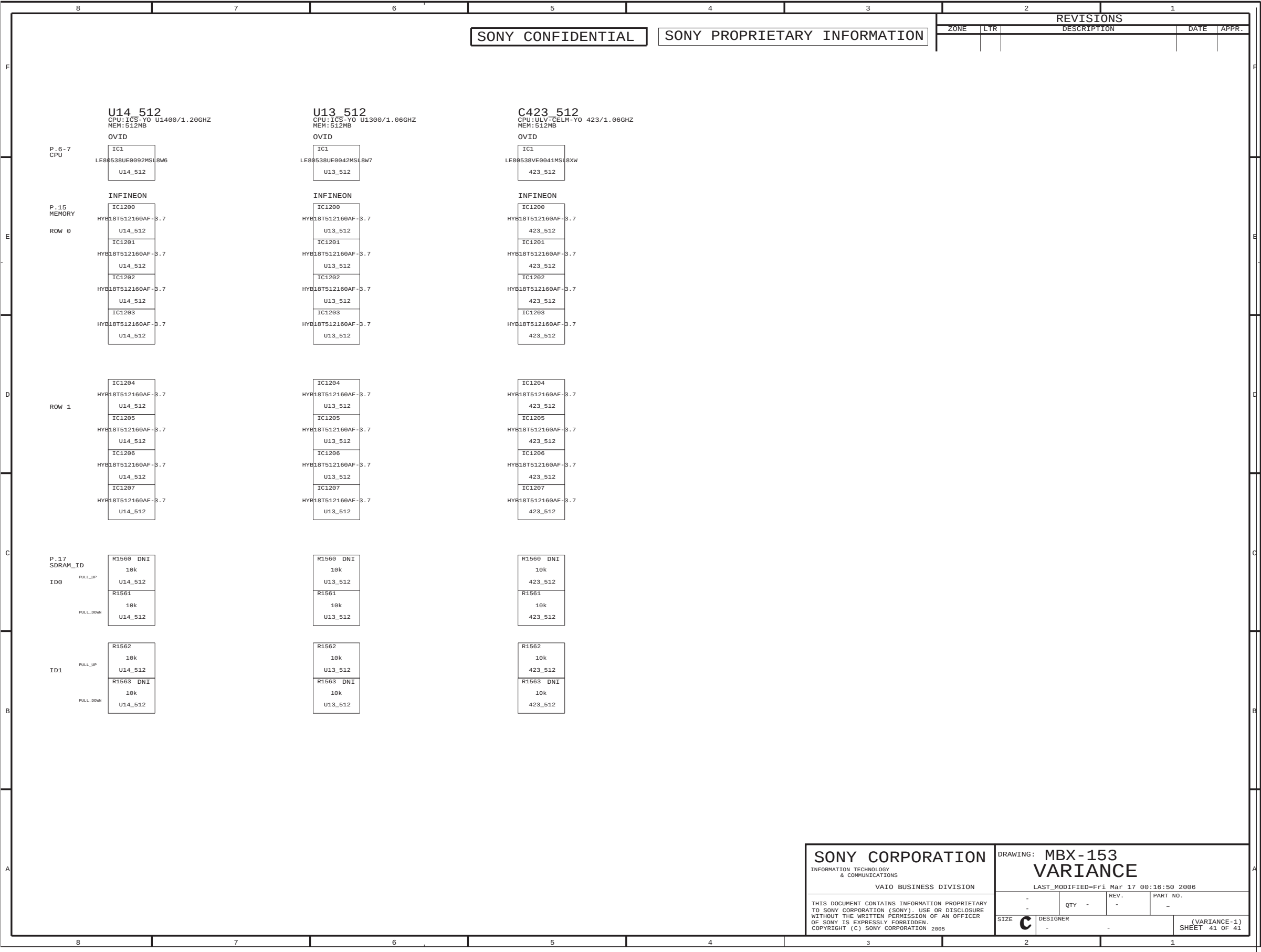
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DNI=Do Not Install



8			7			6			5			4			3			2			1												
Title: Basenet Report Design: mbx153 Date: May 30 17:24:08 2006																		=ACC_Z =A_RCVENIN# =A_RCVENOUT# =BEEP =BKL_ON =CARD_SCL =CARD_SDA =CFG5 =CHG_TST =CLKREQ_PEG# =D_PCIE_RST# =D_SUS_ON =EE_CS =EE_DIN =EE_DOUT =EE_SHCLK =FPBACK =GSENSE_PR# =IDE_RST_F# =INTRUDER# =LED_BATT1 =LED_BRIGHTNESS =LED_BT =LED_CAPS =LED_GFX_EXT# =LED_HDD =LED_MUTE# =LED_NUM =LED_PWR =LED_SCRL =LED_STNDBY =LED_WLAN =LED_WWAN =MSK_PCIRST =MS_PWON =OPT_RST_F# =PM_GFX_MGMT0# =RTCX1 =RTCX2 =SDRAM_ID<0> =SDRAM_ID<1> =SD_PWON =SENSEM_CORE =SENSEP_CORE =SIDE_ON# =SYS_ID<12> =SYS_ID<14> =SYS_ID<15> =UNDOCK_REQ# =USB_PS+ =USB_PS- =VGA_DDCCLK =VGA_DDCDAT =VGA_HSYNC =VGA_VSYNC =VGTREF0 =VUSB0 =VUSB2 =WL_CH_CLK_PCIE_F A20GATE AC_OFF AC_STS AC_STS# ALW_DETECT ALW_RST_C# AVSS_EC AZAUD_BCLK AZAUD_RST# AZAUD_SDI# AZAUD_SDOUT AZAUD_SYNC AZMDC_BCLK AZMDC_RST# AZMDC_SDI# AZMDC_SDOUT AZMDC_SYNC A_A<0> A_A<1> A_A<2> A_A<3> A_A<4> A_A<5> A_A<6> A_A<7> A_A<8> A_A<9> A_A<10> A_A<11> A_A<12> A_A<13> A_A<14>						=ACC_Z - @pwb_lib.MBX153 22D8 =A_RCVENIN# - @pwb_lib.MBX153 10C7 =A_RCVENOUT# - @pwb_lib.MBX153 10C7 =BEEP - @pwb_lib.MBX153 29D5 =BKL_ON - @pwb_lib.MBX153 23D7 =CARD_SCL - @pwb_lib.MBX153 20C7 =CARD_SDA - @pwb_lib.MBX153 20C7 =CFG5 - @pwb_lib.MBX153 9D3 =CHG_TST - @pwb_lib.MBX153 22D6 =CLKREQ_PEG# - @pwb_lib.MBX153 22A4 =D_PCIE_RST# - @pwb_lib.MBX153 22D6 =D_SUS_ON - @pwb_lib.MBX153 28D4 =EE_CS - @pwb_lib.MBX153 17E5 =EE_DIN - @pwb_lib.MBX153 17E5 =EE_DOUT - @pwb_lib.MBX153 17E5 =EE_SHCLK - @pwb_lib.MBX153 17E5 =FPBACK - @pwb_lib.MBX153 23D4 =GSENSE_PR# - @pwb_lib.MBX153 22D8 =IDE_RST_F# - @pwb_lib.MBX153 24C2 =INTRUDER# - @pwb_lib.MBX153 17C6 =LED_BATT1 - @pwb_lib.MBX153 26C5 =LED_BRIGHTNESS - @pwb_lib.MBX153 22C3 =LED_BT - @pwb_lib.MBX153 29E5 =LED_CAPS - @pwb_lib.MBX153 26B5 =LED_GFX_EXT# - @pwb_lib.MBX153 22B4 =LED_HDD - @pwb_lib.MBX153 26C5 =LED_MUTE# - @pwb_lib.MBX153 29E5 =LED_NUM - @pwb_lib.MBX153 26B5 =LED_PWR - @pwb_lib.MBX153 26D5 =LED_SCRL - @pwb_lib.MBX153 26B5 =LED_STNDBY - @pwb_lib.MBX153 26D5 =LED_WLAN - @pwb_lib.MBX153 29E5 =LED_WWAN - @pwb_lib.MBX153 29E5 =MSK_PCIRST - @pwb_lib.MBX153 22C6 =MS_PWON - @pwb_lib.MBX153 21D4 =OPT_RST_F# - @pwb_lib.MBX153 24C4 =PM_GFX_MGMT0# - @pwb_lib.MBX153 22A4 =RTCX1 - @pwb_lib.MBX153 17C6 =RTCX2 - @pwb_lib.MBX153 17C6 =SDRAM_ID<0> - @pwb_lib.MBX153 17E2 =SDRAM_ID<1> - @pwb_lib.MBX153 17E2 =SD_PWON - @pwb_lib.MBX153 21D4 =SENSEM_CORE - @pwb_lib.MBX153 30C2 =SENSEP_CORE - @pwb_lib.MBX153 30C2 =SIDE_ON# - @pwb_lib.MBX153 24D7 =SYS_ID<12> - @pwb_lib.MBX153 17E2 =SYS_ID<14> - @pwb_lib.MBX153 17D6 =SYS_ID<15> - @pwb_lib.MBX153 17D6 =UNDOCK_REQ# - @pwb_lib.MBX153 22D6 =USB_PS+ - @pwb_lib.MBX153 16E6 =USB_PS- - @pwb_lib.MBX153 16E6 =VGA_DDCCLK - @pwb_lib.MBX153 28D4 =VGA_DDCDAT - @pwb_lib.MBX153 28D4 =VGA_HSYNC - @pwb_lib.MBX153 28D4 =VGA_VSYNC - @pwb_lib.MBX153 28D4 =VGTREF0 - @pwb_lib.MBX153 6C4 =VUSB0 - @pwb_lib.MBX153 25B6 =VUSB2 - @pwb_lib.MBX153 25E6 =WL_CH_CLK_PCIE_F - @pwb_lib.MBX153 27D6 A20GATE - @pwb_lib.MBX153 16C4 17D5 22D8 AC_OFF - @pwb_lib.MBX153 22D1 38B7 AC_STS - @pwb_lib.MBX153 22A3 38A3 AC_STS# - @pwb_lib.MBX153 33C6 36B8 38B3 ALW_DETECT - @pwb_lib.MBX153 30C2 33A5 35E5 ALW_RST_C# - @pwb_lib.MBX153 17B3 31C6 33A5 33F6 36B3 AVSS_EC - @pwb_lib.MBX153 22A7 22C5 22E4 22F5 AZAUD_BCLK - @pwb_lib.MBX153 17E5 29E1 AZAUD_RST# - @pwb_lib.MBX153 17E5 29E1 AZAUD_SDI# - @pwb_lib.MBX153 17E5 29E1 AZAUD_SDOUT - @pwb_lib.MBX153 17E5 29E1 AZAUD_SYNC - @pwb_lib.MBX153 17E5 29E1 AZMDC_BCLK - @pwb_lib.MBX153 17E5 25C6 AZMDC_RST# - @pwb_lib.MBX153 17E5 25C6 AZMDC_SDI# - @pwb_lib.MBX153 17E5 25C6 AZMDC_SDOUT - @pwb_lib.MBX153 17E5 25C6 AZMDC_SYNC - @pwb_lib.MBX153 17E5 25C6 A_A<0> - @pwb_lib.MBX153 20B1 20E5 A_A<1> - @pwb_lib.MBX153 20B1 20E5 A_A<2> - @pwb_lib.MBX153 20B1 20E5 A_A<3> - @pwb_lib.MBX153 20C3 20E5 A_A<4> - @pwb_lib.MBX153 20C3 20E5 A_A<5> - @pwb_lib.MBX153 20C3 20E5 A_A<6> - @pwb_lib.MBX153 20C3 20E5 A_A<7> - @pwb_lib.MBX153 20C1 20E5 A_A<8> - @pwb_lib.MBX153 20C3 20E5 A_A<9> - @pwb_lib.MBX153 20C3 20E5 A_A<10> - @pwb_lib.MBX153 20C1 20E5 A_A<11> - @pwb_lib.MBX153 20C3 20E5 A_A<12> - @pwb_lib.MBX153 20C1 20E5 A_A<13> - @pwb_lib.MBX153 20C1 20E5 A_A<14> - @pwb_lib.MBX153 20C1 20E5									
Base nets and synonyms for pwb_lib.MBX153(@pwb_lib.mbx153(sch_1))																		REVISIONS						ZONE		LTR		DESCRIPTION		DATE		APPR.	
Base Signal Synonyms Location([Zone][dir])																																	
+1.05VRUN +1.05VRUN - @pwb_lib.MBX153 12C5 12F5 18F4 31B5 31E2 34B1 39F6																																	
+1.5VRUN +1.5VRUN - @pwb_lib.MBX153 7D6 11C4 11C5 11D4 11D7 11E5 11E7 12D3 12F3 13D5 18C7 18F8 27F5 31E7 34C1 39F5																																	
+1.5V_PCIE +1.5V_PCIE - @pwb_lib.MBX153 11E4 13E3																																	
+1.5V_PCIE_ICH +1.5V_PCIE_ICH - @pwb_lib.MBX153 16F7 18D6																																	
+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																																	
+2.5VRUN +2.5VRUN - @pwb_lib.MBX153 11D6 11E6 11E7 11F4 11F4 32D2 34B2																																	
+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 35D7 35F3 35F4 35F7 36B4 36C4 38C4 39C6 39F4 40E4 16D4 17B4 17F5 18C4 18D4 22E6 34D1 34F3 35E4 40C4 40C6																																	
+3VRUN +3VRUN - @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																																	
+3VSUS +3VSUS - @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																																	
+5VALW +5VALW - @pwb_lib.MBX153 6C4 20F3 22B2 22F5 24F6 25E7 29F3 31F4 32E5 33E8 34B7 34D2 34E6 34F4 39C7 39F3																																	
+5VRS# +5VRS# - @pwb_lib.MBX153 18F6 34D2 34F4																																	
+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																																	
+5VSUS +5VSUS - @pwb_lib.MBX153 29D2 34E5																																	
+VA_VCC +VA_VCC - @pwb_lib.MBX153 20E2 20F5																																	
+VBATT1 +VBATT1 - @pwb_lib.MBX153 36E5 37F2 39F3																																	
+VBKL_AD +VBKL_AD - @pwb_lib.MBX153 23D1 29C3 40E7																																	
+VCCP +VCCP - @pwb_lib.MBX153 6B7 6D4 6D5 6E5 7D3 7D6 9B6 9B6 9B7 9B7 9D5 11C2 11E1 17C4 18E4 30B5 31B4 40C4 40C5																																	
+VCPUCORE +VCPUCORE - @pwb_lib.MBX153 7E3 7E7 7E7 30E1 31B7 39F6																																	
+VDC_IN +VDC_IN - @pwb_lib.MBX153 28C3 36F5 37E6 38B7 38D3 38D7 38F5																																	
+VEC_3.3 +VEC_3.3 - @pwb_lib.MBX153 22C7 22F4 33D4 39B6																																	
+VFETDRV +VFETDRV - @pwb_lib.MBX153 23F2 24E6 31B6 34B7 34D7 34E6 34F5																																	
+VLCD +VLCD - @pwb_lib.MBX153 23F1 29C3																																	
+VMS +VMS - @pwb_lib.MBX153 21D2 25D4																																	
+VPRTCT_4V +VPRTCT_4V - @pwb_lib.MBX153 33B8 36D6 38D3 39B6																																	
+VPRTCT_SRC +VPRTCT_SRC - @pwb_lib.MBX153 36E4 39E6																																	
+VPWRSRC +VPWRSRC - @pwb_lib.MBX153 23D4 27C5 30E4 31F5 33C7 33F4 37E4 37F5																																	
+VPWR_COMM +VPWR_COMM - @pwb_lib.MBX153 36E4 37F2 37F6 38E2																																	
+VRTC +VRTC - @pwb_lib.MBX153 17C6 17D6 18B4 39B5																																	
+VSD +VSD - @pwb_lib.MBX153 21D2 25D4																																	
+VSMVREF +VSMVREF - @pwb_lib.MBX153 9E1 14F4 15C1 15C3 15C5 15C7 15F1 15F3 15F5 15F7 32E4																																	
+VTTDDR +VTTDDR - @pwb_lib.MBX153 14F6 14F6 14F7 32E4																																	
+V_UL +V_UL - @pwb_lib.MBX153 39B5 39C4																																	
=+5VOPT +VVOPT - @pwb_lib.MBX153 24E4																																	
=+VA_VPP +VA_VPP - @pwb_lib.MBX153 20F1																																	
=ACC_X +ACC_X - @pwb_lib.MBX153 22D8																																	
=ACC_Y +ACC_Y - @pwb_lib.MBX153 22D8																																	

SONY CORPORATION

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QTY 1

REV.

PART NO.

SIZE C

DESIGNER

SHEET 42⁴²

8		7	6	5	4	3	2	1	
		REVISIONS							
		ZONE	LTR	DESCRIPTION		DATE	APPR.		
F	A_A<15>	A_A<15> - @pwb_lib.MBX153	20C1	20E5	CLK_MCH_GPLL+	CLK_MCH_GPLL+ - @pwb_lib.MBX153	8D2	9D1	
	A_A<16>	A_A<16> - @pwb_lib.MBX153	20C3	20E4	CLK_MCH_GPLL-	CLK_MCH_GPLL- - @pwb_lib.MBX153	8D2	9D1	
	A_A<17>	A_A<17> - @pwb_lib.MBX153	20C1	20E5	CLK_MS48	CLK_MS48 - @pwb_lib.MBX153	8C2	21C7	
	A_A<18>	A_A<18> - @pwb_lib.MBX153	20C3	20F5	CLK_PCIE_ICH+	CLK_PCIE_ICH+ - @pwb_lib.MBX153	8D2	16E8	
	A_A<19>	A_A<19> - @pwb_lib.MBX153	20C3	20F5	CLK_PCIE_ICH-	CLK_PCIE_ICH- - @pwb_lib.MBX153	8D2	16E8	
	A_A<20>	A_A<20> - @pwb_lib.MBX153	20C3	20F5	CLK_PCIE_MNCD+	CLK_PCIE_MNCD+ - @pwb_lib.MBX153	8D2	27D6	
	A_A<21>	A_A<21> - @pwb_lib.MBX153	20C3	20F5	CLK_PCIE_MNCD-	CLK_PCIE_MNCD- - @pwb_lib.MBX153	8D2	27D6	
	A_A<22>	A_A<22> - @pwb_lib.MBX153	20C3	20F5	CLK_PCI_ICH	CLK_PCI_ICH - @pwb_lib.MBX153	8C2	16E3	
	A_A<23>	A_A<23> - @pwb_lib.MBX153	20C3	20F5	CLK_TPM	CLK_TPM - @pwb_lib.MBX153	8C2	22F8	
	A_A<24>	A_A<24> - @pwb_lib.MBX153	20C3	20F5	CLK_USB48	CLK_USB48 - @pwb_lib.MBX153	8C2	16D5	
E	A_A<25>	A_A<25> - @pwb_lib.MBX153	20C1	20F5	CPU_VCCSENSE	CPU_VCCSENSE - @pwb_lib.MBX153	7C6	30B8	
	A_BVD1	A_BVD1 - @pwb_lib.MBX153	20B1	20D4	CPU_VSSSENSE	CPU_VSSSENSE - @pwb_lib.MBX153	7C6	30B8	
	A_BVD2	A_BVD2 - @pwb_lib.MBX153	20B3	20D4	DCIN_FET_GATE#	DCIN_FET_GATE# - @pwb_lib.MBX153	37C3	38D1	
	A_CD1#	A_CD1# - @pwb_lib.MBX153	20D1	20D5	DC_IN_CHK	DC_IN_CHK - @pwb_lib.MBX153	38E5	40E7	
	A_CD2#	A_CD2# - @pwb_lib.MBX153	20B1	20D5	DMI_RX0+	DMI_RX0+ - @pwb_lib.MBX153	9D2	16E8	
	A_CE1#	A_CE1# - @pwb_lib.MBX153	20C1	20D5	DMI_RX0-	DMI_RX0- - @pwb_lib.MBX153	9D2	16E8	
	A_CE2#	A_CE2# - @pwb_lib.MBX153	20C3	20D5	DMI_RX1+	DMI_RX1+ - @pwb_lib.MBX153	9D2	16E8	
	A_D<0>	A_D<0> - @pwb_lib.MBX153	20B3	20D5	DMI_RX1-	DMI_RX1- - @pwb_lib.MBX153	9D2	16E8	
	A_D<1>	A_D<1> - @pwb_lib.MBX153	20B3	20D5	DMI_TX0+	DMI_TX0+ - @pwb_lib.MBX153	9D2	16E8	
	A_D<2>	A_D<2> - @pwb_lib.MBX153	20B3	20D5	DMI_TX0-	DMI_TX0- - @pwb_lib.MBX153	9D2	16E8	
D	A_D<3>	A_D<3> - @pwb_lib.MBX153	20D3	20D5	DMI_TX1+	DMI_TX1+ - @pwb_lib.MBX153	9D2	16E8	
	A_D<4>	A_D<4> - @pwb_lib.MBX153	20D3	20D5	DMI_TX1-	DMI_TX1- - @pwb_lib.MBX153	9D2	16E8	
	A_D<5>	A_D<5> - @pwb_lib.MBX153	20D3	20D5	DOCKED#	DOCKED# - @pwb_lib.MBX153	22B3	28A8 28D4 36C8	
	A_D<6>	A_D<6> - @pwb_lib.MBX153	20C3	20D5	D_PWRGD	D_PWRGD - @pwb_lib.MBX153	22B3	28C4	
	A_D<7>	A_D<7> - @pwb_lib.MBX153	20C1	20E5	EC_RXD	EC_RXD - @pwb_lib.MBX153	22C8	40E2	
	A_D<8>	A_D<8> - @pwb_lib.MBX153	20B1	20E5	EC_TXD	EC_TXD - @pwb_lib.MBX153	22C8	40E2	
	A_D<9>	A_D<9> - @pwb_lib.MBX153	20B1	20E5	EN_EXT_DEV_SENSE#	EN_EXT_DEV_SENSE# - @pwb_lib.MBX153	22C8	28D4	
	A_D<10>	A_D<10> - @pwb_lib.MBX153	20B1	20E5	EXTCOM_PR50#	EXTCOM_PR50# - @pwb_lib.MBX153	22B3	27A7	
	A_D<11>	A_D<11> - @pwb_lib.MBX153	20D1	20E5	EXTCOM_PR51#	EXTCOM_PR51# - @pwb_lib.MBX153	22B3	27A7	
	A_D<12>	A_D<12> - @pwb_lib.MBX153	20D1	20E5	EXTCOM_PWREN	EXTCOM_PWREN - @pwb_lib.MBX153	22B3	27B7 29E8	
C	A_D<13>	A_D<13> - @pwb_lib.MBX153	20C1	20E5	EXTSMI#	EXTSMI# - @pwb_lib.MBX153	17E1	22E8	
	A_D<14>	A_D<14> - @pwb_lib.MBX153	20C3	20E5	EXT_DEV_SENSE	EXT_DEV_SENSE - @pwb_lib.MBX153	22C8	28D4	
	A_D<15>	A_D<15> - @pwb_lib.MBX153	20C3	20E5	FAN_PWM	FAN_PWM - @pwb_lib.MBX153	6A5	22E1	
	A_INPC#	A_INPC# - @pwb_lib.MBX153	20B3	20D5	FB_BKL	FB_BKL - @pwb_lib.MBX153	23B8	40E7	
	A_IORD#	A_IORD# - @pwb_lib.MBX153	20C1	20D5	FP_PR5#	FP_PR5# - @pwb_lib.MBX153	17E1	29E5	
	A_IOWR#	A_IOWR# - @pwb_lib.MBX153	20C1	20D5	FWH_EN	FWH_EN - @pwb_lib.MBX153	10F3	40D2	
	A_OE#	A_OE# - @pwb_lib.MBX153	20C1	20D5	FWH_INIT#	FWH_INIT# - @pwb_lib.MBX153	17D5	40D2	
	A_RDY	A_RDY - @pwb_lib.MBX153	20C1	20D5	GFX_VGA_BLU	GFX_VGA_BLU - @pwb_lib.MBX153	13D2	28E5	
	A_REG#	A_REG# - @pwb_lib.MBX153	20B3	20D5	GFX_VGA_DDCCLK	GFX_VGA_DDCCLK - @pwb_lib.MBX153	13D3	28B8	
	A_RST	A_RST - @pwb_lib.MBX153	20C1	20D5	GFX_VGA_DDCDATA	GFX_VGA_DDCDATA - @pwb_lib.MBX153	13D3	28B8	
B	A_VS1#	A_VS1# - @pwb_lib.MBX153	20C3	20D5	GFX_VGA_GRN	GFX_VGA_GRN - @pwb_lib.MBX153	13D2	28E5	
	A_VS2#	A_VS2# - @pwb_lib.MBX153	20C1	20D5	GFX_VGA_HSYNC	GFX_VGA_HSYNC - @pwb_lib.MBX153	13D3	28D8	
	A_WAIT#	A_WAIT# - @pwb_lib.MBX153	20C1	20D5	GFX_VGA_RED	GFX_VGA_RED - @pwb_lib.MBX153	13D2	28E5	
	A_WE#	A_WE# - @pwb_lib.MBX153	20C1	20D5	GFX_VGA_VSYNC	GFX_VGA_VSYNC - @pwb_lib.MBX153	13D3	28C8	
	A_WP#	A_WP# - @pwb_lib.MBX153	20B3	20D5	H_A#<3>	H_A#<3> - @pwb_lib.MBX153	6E8	9F6	
	BATT1_PR5#	BATT1_PR5# - @pwb_lib.MBX153	22D8	37B4	H_A#<4>	H_A#<4> - @pwb_lib.MBX153	6E8	9F6	
	BOOT_MODE#	BOOT_MODE# - @pwb_lib.MBX153	22C1	40E2	H_A#<5>	H_A#<5> - @pwb_lib.MBX153	6E8	9F6	
	BTN_AVMODE#	BTN_AVMODE# - @pwb_lib.MBX153	22D1	26E7	H_A#<6>	H_A#<6> - @pwb_lib.MBX153	6E8	9F6	
	BTN_MUTE#	BTN_MUTE# - @pwb_lib.MBX153	22D1	29E5	H_A#<7>	H_A#<7> - @pwb_lib.MBX153	6E8	9E6	
	BTN_NEXT#	BTN_NEXT# - @pwb_lib.MBX153	22D1	26E7	H_A#<8>	H_A#<8> - @pwb_lib.MBX153	6E8	9E6	
A	BTN_OPT#	BTN_OPT# - @pwb_lib.MBX153	22B3	26E7	H_A#<9>	H_A#<9> - @pwb_lib.MBX153	6E8	9E6	
	BTN_PLAY#	BTN_PLAY# - @pwb_lib.MBX153	22D1	26E7	H_A#<10>	H_A#<10> - @pwb_lib.MBX153	6E8	9E6	
	BTN_PREV#	BTN_PREV# - @pwb_lib.MBX153	22D1	26E7	H_A#<11>	H_A#<11> - @pwb_lib.MBX153	6D8	9C5 9E6	
	BTN_STOP#	BTN_STOP# - @pwb_lib.MBX153	22D1	26E7	H_A#<12>	H_A#<12> - @pwb_lib.MBX153	6D8	9E6	
	BTN_VOLDWN#	BTN_VOLDWN# - @pwb_lib.MBX153	22D1	29E5	H_A#<13>	H_A#<13> - @pwb_lib.MBX153	6D8	9E6	
	BTN_VOLUP#	BTN_VOLUP# - @pwb_lib.MBX153	22D1	29E5	H_A#<14>	H_A#<14> - @pwb_lib.MBX153	6D8	9E6	
	BT_ON	BT_ON - @pwb_lib.MBX153	22A6	29C8 29E5	H_A#<15>	H_A#<15> - @pwb_lib.MBX153	6D8	9E6	
	BT_PR5#	BT_PR5# - @pwb_lib.MBX153	22A6	29E5	H_A#<16>	H_A#<16> - @pwb_lib.MBX153	6D8	9E6	
	CAM_OFF	CAM_OFF - @pwb_lib.MBX153	22A3	22D1	H_A#<17>	H_A#<17> - @pwb_lib.MBX153	6D8	9E6	
	CHGLMT_35	CHGLMT_35 - @pwb_lib.MBX153	36B6	37E8	H_A#<18>	H_A#<18> - @pwb_lib.MBX153	6D8	9E6	
	CHGLMT_CHK	CHGLMT_CHK - @pwb_lib.MBX153	23A8	23E8 36C8 37E8 40D7	H_A#<19>	H_A#<19> - @pwb_lib.MBX153	6D8	9E6	
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	CHK_+1.05VRUN	CHK_+1.05VRUN - @pwb_lib.MBX153	31C1	40D7	H_A#<22>	H_A#<22> - @pwb_lib.MBX153	6D8	9E6	
	CHK_+1.5VVRUN	CHK_+1.5VVRUN - @pwb_lib.MBX153	31D7	40D7	H_A#<23>	H_A#<23> - @pwb_lib.MBX153	6D8	9E6	
	CHK_+1.8VSUS	CHK_+1.8VSUS - @pwb_lib.MBX153	32B3	40E7	H_A#<24>	H_A#<24> - @pwb_lib.MBX153	6D8	9E6	
	CHK_+3VALW	CHK_+3VALW - @pwb_lib.MBX153	33D1	40E7	H_A#<25>	H_A#<25> - @pwb_lib.MBX153	6D8	9E6	
	CHK_+5VALW	CHK_+5VALW - @pwb_lib.MBX153	33D8	40E7	H_A#<26>	H_A#<26> - @pwb_lib.MBX153	6D8	9E6	
	CHK_+VBATT1	CHK_+VBATT1 - @pwb_lib.MBX153	37E1	40E7	H_A#<27>	H_A#<27> - @pwb_lib.MBX153	6D8	9E6	
	CHK_+VCPUCORE	CHK_+VCPUCORE - @pwb_lib.MBX153	30C1	40D7	H_A#<28>	H_A#<28> - @pwb_lib.MBX153	6D8	9E6	
	CHK_+VTTDDR	CHK_+VTTDDR - @pwb_lib.MBX153	32E3	40D7	H_A#<29>	H_A#<29> - @pwb_lib.MBX153	6C8	9E6	
	CLKREQ_MCH#	CLKREQ_MCH# - @pwb_lib.MBX153	8D2	9D5	H_A#<30>	H_A#<30> - @pwb_lib.MBX153	6C8	9E6	
	CLKREQ_MNCD#	CLKREQ_MNCD# - @pwb_lib.MBX153	8D2	27D6	H_A#<31>	H_A#<31> - @pwb_lib.MBX153	6B1	6C8 9E6	
	CLK_BSEL0	CLK_BSEL0 - @pwb_lib.MBX153	6C4	885 9D3	H_A20M#	H_A20M# - @pwb_lib.MBX153	6C8	17D5	
	CLK_BSEL1	CLK_BSEL1 - @pwb_lib.MBX153	6C4	885 9D3	H_ADS#	H_ADS# - @pwb_lib.MBX153	6B1	6E5 9E6	
	CLK_BSEL2	CLK_BSEL2 - @pwb_lib.MBX153	6C4	9D3	H_ADSTB#<0>	H_ADSTB#<0> - @pwb_lib.MBX153	6D8	9C5 9E6	
	CLK_CARD	CLK_CARD - @pwb_lib.MBX153	8C2	20D7	H_ADSTB#<1>	H_ADSTB#<1> - @pwb_lib.MBX153	6B1	6C8 9D6	
	CLK_CPU_BCLK+	CLK_CPU_BCLK+ - @pwb_lib.MBX153	6C5	8E2	H_BNR#	H_BNR# - @pwb_lib.MBX153	6E5	9D6	
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	CLK_DEBUG_1	CLK_DEBUG_1 - @pwb_lib.MBX153	8C2	40D2	H_BREQ#0	H_BREQ#0 - @pwb_lib.MBX153	6D5	9D6	
	CLK_DEBUG_2	CLK_DEBUG_2 - @pwb_lib.MBX153	8C2	40D2	H_CPURST#	H_CPURST# - @pwb_lib.MBX153	6D5	9D6 40B3	
	CLK_DREFCLK+	CLK_DREFCLK+ - @pwb_lib.MBX153	8D2	9D1	H_CPUSLP_MCH#	H_CPUSLP_MCH# - @pwb_lib.MBX153	6C1	9C6	
	CLK_DREFCLK-	CLK_DREFCLK- - @pwb_lib.MBX153	8D2	9D1	H_D#<0>	H_D#<0> - @pwb_lib.MBX153	6E4	9F8	
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	CLK_EC	CLK_EC - @pwb_lib.MBX153	8C2	22E8	H_D#<3>	H_D#<3> - @pwb_lib.MBX153	6E4	9F8	
	CLK_ENABLE#	CLK_ENABLE# - @pwb_lib.MBX153	8D7	30B5	H_D#<4>	H_D#<4> - @pwb_lib.MBX153	6E4	9E8	
	CLK_ICH14	CLK_ICH14 - @pwb_lib.MBX153	8C2	17E5	H_D#<5>	H_D#<5> - @pwb_lib.MBX153	6E4	9E8	
	CLK_I7P+	CLK_I7P+ - @pwb_lib.MBX153	8E2	40B6	H_D#<6>	H_D#<6> - @pwb_lib.MBX153	6E4	9E8	
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		CLK_MCH_BCLK+	CLK_MCH_BCLK+ - @pwb_lib.MBX153	8E2	9C8	H_D#<8>	H_D#<8> - @pwb_lib.MBX153	6D4	9E8
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8		7	6	5	4	3	2	1	

SONY CORPORATION

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SIZE

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DESIGNER

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QTY

1

REV.

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PART NO.

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SHEET

43

43

8		7	6		5	4	3	2		1
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										DATE
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H_DSTB3#-	H_DSTB3#- - @pwb_lib.MBX153	6A1 6C2 9D6		ITP_TDI	ITP_TDI - @pwb_lib.MBX153	6D5 40B6				
H_FERR#	H_FERR# - @pwb_lib.MBX153	6C8 17D5		ITP_TDO	ITP_TDO - @pwb_lib.MBX153	6D5 40B6				
H_HIT#	H_HIT# - @pwb_lib.MBX153	6D5 9C6		ITP_TMS	ITP_TMS - @pwb_lib.MBX153	6D5 40B3				
H_HITM#	H_HITM# - @pwb_lib.MBX153	6D5 9C6		ITP_TRST#	ITP_TRST# - @pwb_lib.MBX153	6C5 40B6				
H_IGNNE#	H_IGNNE# - @pwb_lib.MBX153	6C8 17D5		KSI<0>	KSI<0> - @pwb_lib.MBX153	22E1 26B1				
H_INIT#	H_INIT# - @pwb_lib.MBX153	6B1 6D5 17D5		KSI<1>	KSI<1> - @pwb_lib.MBX153	22E1 26B1				
H_INTR	H_INTR - @pwb_lib.MBX153	6B1 6C8 17D5		KSI<2>	KSI<2> - @pwb_lib.MBX153	22E1 26B1				
H_LOCK#	H_LOCK# - @pwb_lib.MBX153	6D5 9C6		KSI<3>	KSI<3> - @pwb_lib.MBX153	22E1 26B1				
H_NMI	H_NMI - @pwb_lib.MBX153	6B1 6C8 17D5		KSI<4>	KSI<4> - @pwb_lib.MBX153	22E1 26B1				
H_PROCHOT#	H_PROCHOT# - @pwb_lib.MBX153	6C5 6F3 30B5		KSI<5>	KSI<5> - @pwb_lib.MBX153	22E1 26B1				
H_PROCHOT_EC#	H_PROCHOT_EC# - @pwb_lib.MBX153	6F5 22A6		KSI<6>	KSI<6> - @pwb_lib.MBX153	22E1 26B1				
H_PWRGDCPU	H_PWRGDCPU - @pwb_lib.MBX153	6C1 17E1		KSI<7>	KSI<7> - @pwb_lib.MBX153	22E1 26B1				
H_REQ#<0>	H_REQ#<0> - @pwb_lib.MBX153	6D8 9C6		KSO<0>	KSO<0> - @pwb_lib.MBX153	22B6 26B1				
H_REQ#<1>	H_REQ#<1> - @pwb_lib.MBX153	6D8 9C6		KSO<1>	KSO<1> - @pwb_lib.MBX153	22B6 26C1				
H_REQ#<2>	H_REQ#<2> - @pwb_lib.MBX153	6B1 6D8 9C6		KSO<2>	KSO<2> - @pwb_lib.MBX153	22B6 26B1				
H_REQ#<3>	H_REQ#<3> - @pwb_lib.MBX153	6D8 9C6		KSO<3>	KSO<3> - @pwb_lib.MBX153	22B6 26B1				
H_REQ#<4>	H_REQ#<4> - @pwb_lib.MBX153	6D8 9C6		KSO<4>	KSO<4> - @pwb_lib.MBX153	22B6 26C1				
H_RS#<0>	H_RS#<0> - @pwb_lib.MBX153	6D5 9C6		KSO<5>	KSO<5> - @pwb_lib.MBX153	22B6 26B1				
H_RS#<1>	H_RS#<1> - @pwb_lib.MBX153	6D5 9C6		KSO<6>	KSO<6> - @pwb_lib.MBX153	22B6 26B1				
H_RS#<2>	H_RS#<2> - @pwb_lib.MBX153	6D5 9C6		KSO<7>	KSO<7SO<					

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10

DNI=Do Not Install

[illegible]

Sony Confidential

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

8		7	6	5	4	3	2		1
								REVISIONS	
								ZONE	LTR
								DESCRIPTION	
								DATE	
								APPR.	
F	M_A_DQS4-	M_A_DQS4- - @pwb_lib.MBX153	10D4 14B5 14C3	M_B_A<1>	M_B_A<1> - @pwb_lib.MBX153	10C4 14C3 14E7			
	M_A_DQS5+	M_A_DQS5+ - @pwb_lib.MBX153	10D4 14B1 14B5	M_B_A<2>	M_B_A<2> - @pwb_lib.MBX153	10C4 14C1 14E7			
	M_A_DQS5-	M_A_DQS5- - @pwb_lib.MBX153	10D4 14B5 14C1	M_B_A<3>	M_B_A<3> - @pwb_lib.MBX153	10C4 14C3 14E7			
	M_A_DQS6+	M_A_DQS6+ - @pwb_lib.MBX153	10D4 14B3 14B5	M_B_A<4>	M_B_A<4> - @pwb_lib.MBX153	10C4 14C1 14E7			
	M_A_DQS6-	M_A_DQS6- - @pwb_lib.MBX153	10D4 14A5 14B3	M_B_A<5>	M_B_A<5> - @pwb_lib.MBX153	10C4 14C3 14E7			
	M_A_DQS7+	M_A_DQS7+ - @pwb_lib.MBX153	10D4 14A5 14B1	M_B_A<6>	M_B_A<6> - @pwb_lib.MBX153	10C4 14C1 14E7			
	M_A_DQS7-	M_A_DQS7- - @pwb_lib.MBX153	10D4 14A5 14B1	M_B_A<7>	M_B_A<7> - @pwb_lib.MBX153	10C4 14D1 14E7			
	M_A_DQS_R0+	M_A_DQS_R0+ - @pwb_lib.MBX153	14C4 15A5 15B6 15E6	M_B_A<8>	M_B_A<8> - @pwb_lib.MBX153	10C4 14C3 14E7			
	M_A_DQS_R0-	M_A_DQS_R0- - @pwb_lib.MBX153	14C4 15A5 15B6 15E6	M_B_A<9>	M_B_A<9> - @pwb_lib.MBX153	10C4 14D3 14E7			
	M_A_DQS_R1+	M_A_DQS_R1+ - @pwb_lib.MBX153	14C4 15A5 15C6 15E6	M_B_A<10>	M_B_A<10> - @pwb_lib.MBX153	10C4 14C3 14D7			
E	M_A_DQS_R1-	M_A_DQS_R1- - @pwb_lib.MBX153	14C4 15A5 15C6 15E6	M_B_A<11>	M_B_A<11> - @pwb_lib.MBX153	10C4 14D1 14E7			
	M_A_DQS_R2+	M_A_DQS_R2+ - @pwb_lib.MBX153	14C4 15B5 15E5	M_B_A<12>	M_B_A<12> - @pwb_lib.MBX153	10C4 14D3 14E7			
	M_A_DQS_R2-	M_A_DQS_R2- - @pwb_lib.MBX153	14C4 15B5 15E5	M_B_A<13>	M_B_A<13> - @pwb_lib.MBX153	10C4 14C1 14D7			
	M_A_DQS_R3+	M_A_DQS_R3+ - @pwb_lib.MBX153	14B4 15C5 15E5	M_B_BS<0>	M_B_BS<0> - @pwb_lib.MBX153	10C4 14C3 14D7			
	M_A_DQS_R3-	M_A_DQS_R3- - @pwb_lib.MBX153	14B4 15C5 15E5	M_B_BS<1>	M_B_BS<1> - @pwb_lib.MBX153	10C4 14C1 14E7			
	M_A_DQS_R4+	M_A_DQS_R4+ - @pwb_lib.MBX153	14B4 15B3 15E3	M_B_BS<2>	M_B_BS<2> - @pwb_lib.MBX153	10C4 14D3 14E7			
	M_A_DQS_R4-	M_A_DQS_R4- - @pwb_lib.MBX153	14B4 15B3 15E3	M_B_CAS#	M_B_CAS# - @pwb_lib.MBX153	10C4 14C3 14D7			
	M_A_DQS_R5+	M_A_DQS_R5+ - @pwb_lib.MBX153	14B4 15C3 15E3	M_B_RAS#	M_B_RAS# - @pwb_lib.MBX153	10C4 14C1 14D7			
	M_A_DQS_R5-	M_A_DQS_R5- - @pwb_lib.MBX153	14B4 15C3 15E3	M_B_WE#	M_B_WE# - @pwb_lib.MBX153	10B4 14C3 14D7			
	M_A_DQS_R6+	M_A_DQS_R6+ - @pwb_lib.MBX153	14B4 15B1 15E1	M_CKE0	M_CKE0 - @pwb_lib.MBX153	9E3 14E8 15A5 15D3 15D5 15D6 15D8			
D	M_A_DQS_R6-	M_A_DQS_R6- - @pwb_lib.MBX153	14A4 15B1 15E1	M_CKE1	M_CKE1 - @pwb_lib.MBX153	9E3 14E8 15A5 15B3 15B5 15B6 15B8			
	M_A_DQS_R7+	M_A_DQS_R7+ - @pwb_lib.MBX153	14A4 15C1 15E1	M_CKE2	M_CKE2 - @pwb_lib.MBX153	9E3 14D3 14F7			
	M_A_DQS_R7-	M_A_DQS_R7- - @pwb_lib.MBX153	14A4 15C1 15E1	M_CKE3	M_CKE3 - @pwb_lib.MBX153	9E3 14D1 14F7			
	M_A_DQ_R<0>	M_A_DQ_R<0> - @pwb_lib.MBX153	14C7 15B6 15E6	M_CLK0+	M_CLK0+ - @pwb_lib.MBX153	9F3 15B6 15B8 15D6 15D7 15D8			
	M_A_DQ_R<1>	M_A_DQ_R<1> - @pwb_lib.MBX153	14C7 15B6 15E6	M_CLK0-	M_CLK0- - @pwb_lib.MBX153	9E3 15B6 15B8 15D6 15D7 15D8			
	M_A_DQ_R<2>	M_A_DQ_R<2> - @pwb_lib.MBX153	14C7 15B6 15E6	M_CLK1+	M_CLK1+ - @pwb_lib.MBX153	9F3 15B3 15B5 15D3 15D3 15D5			
	M_A_DQ_R<3>	M_A_DQ_R<3> - @pwb_lib.MBX153	14C7 15A5 15B6 15E6	M_CLK1-	M_CLK1- - @pwb_lib.MBX153	15D5 9E3 15B3 15B5 15D3 15D3 15D5			
	M_A_DQ_R<4>	M_A_DQ_R<4> - @pwb_lib.MBX153	14C7 15B6 15E6	M_CLK2+	M_CLK2+ - @pwb_lib.MBX153	9F3 14B1			
	M_A_DQ_R<5>	M_A_DQ_R<5> - @pwb_lib.MBX153	14C7 15B6 15E6	M_CLK2-	M_CLK2- - @pwb_lib.MBX153	9E3 14B1			
	M_A_DQ_R<6>	M_A_DQ_R<6> - @pwb_lib.MBX153	14C7 15B6 15E6	M_CLK3+	M_CLK3+ - @pwb_lib.MBX153	9F3 14E1			
C	M_A_DQ_R<7>	M_A_DQ_R<7> - @pwb_lib.MBX153	14C7 15B6 15E6	M_CLK3-	M_CLK3- - @pwb_lib.MBX153	9E3 14E1			
	M_A_DQ_R<8>	M_A_DQ_R<8> - @pwb_lib.MBX153	14C7 15B6 15E6	M_CS#0	M_CS#0 - @pwb_lib.MBX153	9E3 14E8 15A5 15E3 15E5 15E6 15E8			
	M_A_DQ_R<9>	M_A_DQ_R<9> - @pwb_lib.MBX153	14C7 15B6 15E6	M_CS#1	M_CS#1 - @pwb_lib.MBX153	9E3 14E8 15A5 15B3 15B5 15B6 15B8			
	M_A_DQ_R<10>	M_A_DQ_R<10> - @pwb_lib.MBX153	14B7 15B6 15E6	M_CS#2	M_CS#2 - @pwb_lib.MBX153	9E3 14C1 14D7			
	M_A_DQ_R<11>	M_A_DQ_R<11> - @pwb_lib.MBX153	14B7 15C6 15E6	M_CS#3	M_CS#3 - @pwb_lib.MBX153	9E3 14C3 14D7			
	M_A_DQ_R<12>	M_A_DQ_R<12> - @pwb_lib.MBX153	14C7 15A5 15C6 15E6	M_ODT0	M_ODT0 - @pwb_lib.MBX153	9E3 14E8 15D3 15D5 15D6 15D8			
	M_A_DQ_R<13>	M_A_DQ_R<13> - @pwb_lib.MBX153	14C7 15C6 15E6	M_ODT1	M_ODT1 - @pwb_lib.MBX153	9E3 14E8 15B3 15B5 15B6 15B8			
	M_A_DQ_R<14>	M_A_DQ_R<14> - @pwb_lib.MBX153	14B7 15B6 15E6	M_ODT2	M_ODT2 - @pwb_lib.MBX153	9E3 14C1 14D7			
	M_A_DQ_R<15>	M_A_DQ_R<15> - @pwb_lib.MBX153	14B7 15C6 15E6	M_ODT3	M_ODT3 - @pwb_lib.MBX153	9E3 14C3 14D7			
	M_A_DQ_R<16>	M_A_DQ_R<16> - @pwb_lib.MBX153	14B7 15B6 15E6	M_RCOMP	M_RCOMP - @pwb_lib.MBX153	9B4 9E3			
B	M_A_DQ_R<17>	M_A_DQ_R<17> - @pwb_lib.MBX153	14B7 15B5 15E5	M_RCOMP	M_RCOMP - @pwb_lib.MBX153	9B4 9E3			
	M_A_DQ_R<18>	M_A_DQ_R<18> - @pwb_lib.MBX153	14B7 15B5 15E5	OPT_BUSSW_ON#	OPT_BUSSW_ON# - @pwb_lib.MBX153	22B3 24D5			
	M_A_DQ_R<19>	M_A_DQ_R<19> - @pwb_lib.MBX153	14B7 15B5 15E5	OPT_OFF#	OPT_OFF# - @pwb_lib.MBX153	22A6 24D8			
	M_A_DQ_R<20>	M_A_DQ_R<20> - @pwb_lib.MBX153	14B7 15B5 15E5	OPT_RST#	OPT_RST# - @pwb_lib.MBX153	22B3 24C8			
	M_A_DQ_R<21>	M_A_DQ_R<21> - @pwb_lib.MBX153	14B7 15B5 15E5	OTP_IN	OTP_IN - @pwb_lib.MBX153	7B2 30A7 36C1 39E8			
	M_A_DQ_R<22>	M_A_DQ_R<22> - @pwb_lib.MBX153	14B7 15B5 15E5	PANEL_ID<0>	PANEL_ID<0> - @pwb_lib.MBX153	16A4 17D6 29B4			
	M_A_DQ_R<23>	M_A_DQ_R<23> - @pwb_lib.MBX153	14C6 15B3 15E3	PANEL_ID<1>	PANEL_ID<1> - @pwb_lib.MBX153	16A4 17E1 23F8 29B4			
	M_A_DQ_R<24>	M_A_DQ_R<24> - @pwb_lib.MBX153	14C6 15B3 15E3	PCIE_MNCD_RX+	PCIE_MNCD_RX+ - @pwb_lib.MBX153	16E8 27D7			
	M_A_DQ_R<25>	M_A_DQ_R<25> - @pwb_lib.MBX153	14C6 15B3 15E3	PCIE_MNCD_RX-	PCIE_MNCD_RX- - @pwb_lib.MBX153	16E8 27D7			
	M_A_DQ_R<26>	M_A_DQ_R<26> - @pwb_lib.MBX153	14C6 15B3 15E3	PCIE_MNCD_TX+	PCIE_MNCD_TX+ - @pwb_lib.MBX153	16D8 27D7			
A	M_A_DQ_R<27>	M_A_DQ_R<27> - @pwb_lib.MBX153	14C6 15B3 15E3	PCIE_MNCD_TX-	PCIE_MNCD_TX- - @pwb_lib.MBX153	16E8 27D7			
	M_A_DQ_R<28>	M_A_DQ_R<28> - @pwb_lib.MBX153	14C6 15B3 15E3	PCIE_WAKE#	PCIE_WAKE# - @pwb_lib.MBX153	17B8 27D6			
	M_A_DQ_R<29>	M_A_DQ_R<29> - @pwb_lib.MBX153	14C6 15B3 15E3	PCIE_WAKE_F#	PCIE_WAKE_F# - @pwb_lib.MBX153	16C3 17B7 17D1 17E1			
	M_A_DQ_R<30>	M_A_DQ_R<30> - @pwb_lib.MBX153	14C6 15B3 15E3	PCI_AD<0>	PCI_AD<0> - @pwb_lib.MBX153	16E1 20E7			
	M_A_DQ_R<31>	M_A_DQ_R<31> - @pwb_lib.MBX153	14C6 15B3 15E3	PCI_AD<1>	PCI_AD<1> - @pwb_lib.MBX153	16E1 20E7			
	M_A_DQ_R<32>	M_A_DQ_R<32> - @pwb_lib.MBX153	14C6 15B3 15E3	PCI_AD<2>	PCI_AD<2> - @pwb_lib.MBX153	16E1 20E7			
	M_A_DQ_R<33>	M_A_DQ_R<33> - @pwb_lib.MBX153	14C6 15B3 15E3	PCI_AD<3>	PCI_AD<3> - @pwb_lib.MBX153	16E1 20E7			
	M_A_DQ_R<34>	M_A_DQ_R<34> - @pwb_lib.MBX153	14C6 15B3 15E3	PCI_AD<4>	PCI_AD<4> - @pwb_lib.MBX153	16E1 20E7			
	M_A_DQ_R<35>	M_A_DQ_R<35> - @pwb_lib.MBX153	14C6 15B3 15E3	PCI_AD<5>	PCI_AD<5> - @pwb_lib.MBX153	16E1 20E7			
	M_A_DQ_R<36>	M_A_DQ_R<36> - @pwb_lib.MBX153	14C6 15B3 15E3	PCI_AD<6>	PCI_AD<6> - @pwb_lib.MBX153	16E1 20E7			

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SIZE	DESIGNER	QTY 1	-
SHEET 46		46	

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

8		7		6		5		4		3		2		1	
		Title: Cref Part Report										REVISIONS			
		Design: mbx153										ZONE		LTR	
		Date: May 30 17:24:08 2006										DESCRIPTION		DATE	
														APPR.	
F	C50	C_0603	mbx153[	6E5	]	C435	C_0603	mbx153[	11C4	]	F				
	C52	C_0603	mbx153[	6F5	]	C440	C_0603	mbx153[	11E4	]					
	C60	C_1608	mbx153[	6B4	]	C441	C_0603	mbx153[	11D7	]					
	C100	C_1608	mbx153[	7E3	]	C442	C_1005	mbx153[	11D6	]					
	C101	C_1608	mbx153[	7E3	]	C450	C_1608	mbx153[	11D7	]					
	C102	C_1608	mbx153[	7E2	]	C451	C_0603	mbx153[	11D6	]					
	C103	C_1608	mbx153[	7E2	]	C452	C_1608	mbx153[	11C7	]					
	C104	C_1608	mbx153[	7E2	]	C453	C_0603	mbx153[	11C6	]					
	C105	C_1608	mbx153[	7E2	]	C454	C_1608	mbx153[	11C7	]					
	C106	C_1608	mbx153[	7E2	]	C455	C_0603	mbx153[	11C6	]					
E	C107	C_1608	mbx153[	7E1	]	C456	C_1608	mbx153[	11C7	]	E				
	C108	C_1608	mbx153[	7E1	]	C457	C_0603	mbx153[	11C6	]					
	C109	C_1608	mbx153[	7E1	]	C460	C_1608	mbx153[	11C4	]					
	C110	C_1608	mbx153[	7D3	]	C461	C_0603	mbx153[	11C4	]					
	C111	C_1608	mbx153[	7D3	]	C470	C_1608	mbx153[	12E5	]					
	C112	C_1608	mbx153[	7D2	]	C471	C_1608	mbx153[	12E5	]					
	C113	C_1608	mbx153[	7D2	]	C472	C_1608	mbx153[	12E6	]					
	C114	C_1608	mbx153[	7D2	]	C473	C_1608	mbx153[	12E6	]					
	C115	C_1608	mbx153[	7D2	]	C474	C_1005	mbx153[	12E6	]					
	C116	C_1608	mbx153[	7D2	]	C475	C_1005	mbx153[	12E6	]					
D	C117	C_1608	mbx153[	7D1	]	C476	C_1005	mbx153[	12D6	]	D				
	C118	C_1608	mbx153[	7D1	]	C477	C_1005	mbx153[	12C6	]					
	C119	C_1608	mbx153[	7D1	]	C478	C_1005	mbx153[	12C6	]					
	C120	C_0603	mbx153[	7D3	]	C479	C_0603	mbx153[	12E6	]					
	C121	C_0603	mbx153[	7D3	]	C480	C_1608	mbx153[	12E3	]					
	C122	C_0603	mbx153[	7D2	]	C481	C_0603	mbx153[	12E3	]					
	C123	C_0603	mbx153[	7D2	]	C490	C_1608	mbx153[	12D6	]					
	C124	C_0603	mbx153[	7D2	]	C491	C_1608	mbx153[	12D6	]					
	C127	C_0603	mbx153[	7D1	]	C492	C_1608	mbx153[	12D6	]					
	C130	C_1608	mbx153[	7E3	]	C493	C_1608	mbx153[	12D5	]					
C	C131	C_1608	mbx153[	7E3	]	C494	C_1608	mbx153[	12D5	]	C				
	C140	C_1608	mbx153[	7C3	]	C520	C_1005	mbx153[	13D3	]					
	C141	C_0603	mbx153[	7C3	]	C521	C_1005	mbx153[	13D2	]					
	C142	C_0603	mbx153[	7C2	]	C522	C_1005	mbx153[	13D2	]					
	C143	C_0603	mbx153[	7C2	]	C1100	C_1608	mbx153[	14F3	]					
	C144	C_0603	mbx153[	7C2	]	C1101	C_0603	mbx153[	14F3	]					
	C145	C_0603	mbx153[	7C2	]	C1102	C_0603	mbx153[	14A3	]					
	C146	C_0603	mbx153[	7C2	]	C1110	C_1608	mbx153[	14F3	]					
	C150	C_0603	mbx153[	7C3	]	C1111	C_1608	mbx153[	14F3	]					
	C151	C_0603	mbx153[	7C3	]	C1112	C_0603	mbx153[	14F2	]					
B	C152	C_0603	mbx153[	7C2	]	C1113	C_0603	mbx153[	14F2	]	B				
	C153	C_0603	mbx153[	7C2	]	C1114	C_0603	mbx153[	14F2	]					
	C154	C_0603	mbx153[	7C2	]	C1115	C_0603	mbx153[	14F2	]					
	C155	C_0603	mbx153[	7C2	]	C1120	C_0603	mbx153[	14F6	]					
	C160	C_1608	mbx153[	7C6	]	C1121	C_0603	mbx153[	14F5	]					
	C161	C_1005	mbx153[	7C6	]	C1122	C_0603	mbx153[	14F5	]					
	C200	C_1005	mbx153[	8E6	]	C1123	C_0603	mbx153[	14F5	]					
	C201	C_0603	mbx153[	8E7	]	C1124	C_0603	mbx153[	14F5	]					
	C202	C_0603	mbx153[	8E7	]	C1125	C_0603	mbx153[	14F5	]					
	C203	C_0603	mbx153[	8E7	]	C1126	C_0603	mbx153[	14F4	]					
A	C204	C_0603	mbx153[	8E6	]	C1130	C_0603	mbx153[	14E6	]	A				
	C205	C_0603	mbx153[	8E6	]	C1131	C_0603	mbx153[	14E5	]					
	C210	C_0603	mbx153[	8E5	]	C1132	C_0603	mbx153[	14E5	]					
	C211	C_0603	mbx153[	8E5	]	C1133	C_0603	mbx153[	14E5	]					
	C212	C_0603	mbx153[	8E5	]	C1134	C_0603	mbx153[	14E5	]					
	C220	C_0603	mbx153[	8E7	]	C1135	C_0603	mbx153[	14E5	]					
	C221	C_0603	mbx153[	8E7	]	C1136	C_0603	mbx153[	14E4	]					
	C307	C_0603	mbx153[	9D6	]	C1150	C_1608	mbx153[	15A8	]					
	C321	C_0603	mbx153[	9B6	]	C1151	C_1608	mbx153[	15A8	]					
	C322	C_0603	mbx153[	9A6	]	C1152	C_1608	mbx153[	15A8	]					
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*NOTE :

Location

Schematic Diagram Sheet Number

DNI=Do Not Install

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C1218	C_0603	mbx153[	15E5	]					C1501	C_1005	mbx153[	17C5	]				
C1219	C_1608	mbx153[	15F6	]					C1570	C_1005	mbx153[	17B2	]				
C1220	C_0603	mbx153[	15F4	]					C1580	C_0603	mbx153[	17B4	]				
C1221	C_0603	mbx153[	15F4	]					C1600	C_0603	mbx153[	18F6	]				
C1222	C_0603	mbx153[	15F4	]					C1601	C_0603	mbx153[	18F7	]				
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C1224	C_0603	mbx153[	15F3	]					C1612	C_1608	mbx153[	18E7	]				
C1225	C_0603	mbx153[	15F3	]					C1613	C_1005	mbx153[	18E7	]				
C1226	C_0603	mbx153[	15F3	]					C1620	C_1608	mbx153[	18D7	]				
C1227	C_0603	mbx153[	15F3	]					C1621	C_0603	mbx153[	18D7	]				
C1228	C_0603	mbx153[	15E3	]					C1622	C_0603	mbx153[	18D7	]				
C1229	C_1608	mbx153[	15F4	]					C1623	C_0603	mbx153[	18D6	]				
C1230	C_0603	mbx153[	15F2	]					C1625	C_1608	mbx153[	18D7	]				
C1231	C_0603	mbx153[	15F2	]					C1630	C_1005	mbx153[	18C7	]				
C1232	C_0603	mbx153[	15F2	]					C1631	C_0603	mbx153[	18C7	]				
C1233	C_0603	mbx153[	15F1	]					C1632	C_0603	mbx153[	18C6	]				
C1234	C_0603	mbx153[	15F1	]					C1640	C_0603	mbx153[	18E4	]				
C1235	C_0603	mbx153[	15F1	]					C1641	C_1005	mbx153[	18E4	]				
C1236	C_0603	mbx153[	15F1	]					C1642	CE_3528	mbx153[	18E4	]				
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C1238	C_0603	mbx153[	15E1	]					C1644	C_0603	mbx153[	18E4	]				
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C1248	C_0603	mbx153[	15C7	]					C1662	C_0603	mbx153[	18C4	]				
C1250	C_0603	mbx153[	15C6	]					C1663	C_0603	mbx153[	18C4	]				
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C1258	C_0603	mbx153[	15C5	]					C1712	C_1005	mbx153[	20F8	]				
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C1268	C_0603	mbx153[	15C3	]					C1726	C_1005	mbx153[	20F4	]				
C1269	C_1608	mbx153[	15C4	]					C1750	C_1608	mbx153[	20E2	]				
C1270	C_0603	mbx153[	15C2	]					C1751	C_1005	mbx153[	20D1	]				
C1271	C_0603	mbx153[	15C2	]					C1752	C_1005	mbx153[	20B1	]				
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C1274	C_0603	mbx153[	15C1	]					C1759	C_0603	mbx153[	20E2	]				
C1275	C_0603	mbx153[	15C1	]					C1821	C_1608	mbx153[	21D3	]				
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C1280	C_0603	mbx153[	15D7	]					C1852	C_1005	mbx153[	21C5	]				
C1281	C_0603	mbx153[	15D7	]					C1900	C_1005	mbx153[	22C4	]				
C1282	C_0603	mbx153[	15D5	]					C1901	C_1005	mbx153[	22C3	]				
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C1285	C_0603	mbx153[	15D3	]					C1912	C_0603	mbx153[	22B5	]				
C1286	C_0603	mbx153[	15D1	]					C1913	C_0603	mbx153[	22F5	]				
C1287	C_0603	mbx153[	15D1	]					C1914	C_0603	mbx153[	22E4	]				
C1289	C_1005	mbx153[	15D7	]					C1915	C_1005	mbx153[	22F5	]				
C1290	C_0603	mbx153[	15A7	]					C1917								

*NOTE :

Location

Schematic Diagram Sheet Number

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F	C2515	C_0603	mbx153[	27E4]	C4352	C_1005	mbx153[	33A7]	
	C2520	C_1608	mbx153[	27E4]	C4353	C_1005	mbx153[	33A7]	
	C2521	C_1608	mbx153[	27E3]	C4391	C_1608	mbx153[	33D4]	
	C2522	C_1608	mbx153[	27E3]	C4392	C_1005	mbx153[	33D4]	
	C2532	C_0603	mbx153[	27E4]	C4401	C_1005	mbx153[	34A7]	
	C2533	C_0603	mbx153[	27E3]	C4432	C_1005	mbx153[	34F7]	
	C2551	C_0603	mbx153[	27E2]	C4451	C_1005	mbx153[	34E5]	
	C2600	C_0603	mbx153[	28E3]	C4461	C_1005	mbx153[	34D6]	
	C2601	C_0603	mbx153[	28E3]	C4501	C_1005	mbx153[	35F3]	
	C2910	C_1608	mbx153[	29C7]	C4521	C_1005	mbx153[	35D3]	
E	C3900	C_1608	mbx153[	30D5]	C4531	C_1005	mbx153[	35B3]	
	C3901	C_0603	mbx153[	30D7]	C4611	C_1005	mbx153[	36D3]	
	C3902	C_1005	mbx153[	30D7]	C4621	C_1608	mbx153[	36C2]	
	C3903	C_0603	mbx153[	30C7]	C4624	C_1608	mbx153[	36C6]	
	C3904	C_0603	mbx153[	30C6]	C4625	C_1005	mbx153[	36C5]	
	C3905	C_1005	mbx153[	30B3]	C4633	C_1608	mbx153[	36D4]	
	C3906	C_1005	mbx153[	30C5]	C4634	C_1608	mbx153[	36D4]	
	C3907	C_0603	mbx153[	30C5]	C4650	C_1005	mbx153[	36C3]	
	C3908	C_0603	mbx153[	30C6]	C4662	C_1005	mbx153[	36C4]	
	C3909	C_0603	mbx153[	30C6]	C4681	C_1005	mbx153[	36B4]	
D	C3951	C_1608	mbx153[	30D4]	C4702	C_1005	mbx153[	37C6]	
	C3952	C_1608	mbx153[	30D5]	C4703	C_1005	mbx153[	37C6]	
	C3960	C_1608	mbx153[	30E4]	C4704	C_1005	mbx153[	37C7]	
	C3961	C_3626	mbx153[	30E4]	C4705	C_1005	mbx153[	37C6]	
	C3962	C_3626	mbx153[	30E4]	C4706	C_1005	mbx153[	37C5]	
	C3970	C_0603	mbx153[	30F7]	C4710	C_1608	mbx153[	37D6]	
	C3971	C_1005	mbx153[	30F6]	C4712	C_1608	mbx153[	37D5]	
	C3990	CE_7343	mbx153[	30D1]	C4715	C_1005	mbx153[	37C5]	
	C4101	CE_3528	mbx153[	31D7]	C4716	C_1608	mbx153[	37D6]	
	C4103	C_0603	mbx153[	31D7]	C4717	C_1005	mbx153[	37E6]	
C	C4104	C_1608	mbx153[	31E6]	C4731	C_3225	mbx153[	37C3]	
	C4105	C_3626	mbx153[	31E6]	C4732	C_1005	mbx153[	37D4]	
	C4106	C_1005	mbx153[	31E5]	C4733	C_1005	mbx153[	37D5]	
	C4107	C_1608	mbx153[	31D6]	C4734	C_1608	mbx153[	37D5]	
	C4108	C_1005	mbx153[	31D6]	C4770	C_1608	mbx153[	37B1]	
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	C4110	C_1608	mbx153[	31E4]	C4781	C_0603	mbx153[	37C7]	
	C4111	C_0603	mbx153[	31C5]	C4790	C_3626	mbx153[	37D4]	
	C4112	C_0603	mbx153[	31C5]	C4791	C_0603	mbx153[	37C7]	
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B	C4121	CE_6032	mbx153[	31D2]	C4801	C_1608	mbx153[	38E6]	
	C4123	C_0603	mbx153[	31D2]	C4802	C_1608	mbx153[	38E5]	
	C4124	C_1608	mbx153[	31E3]	C4804	C_1608	mbx153[	38C7]	
	C4125	C_3626	mbx153[	31E3]	C4807	C_1005	mbx153[	38B6]	
	C4126	C_1005	mbx153[	31E4]	C4808	C_1608	mbx153[	38E5]	
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	C4150	C_1005	mbx153[	31B7]	C4903	C_1005	mbx153[	39D6]	
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	C4222	C_0603	mbx153[	32E5]	C4956	C_1005	mbx153[	39B3]	
	C4223	C_1608	mbx153[	32E5]	C4976	C_1005	mbx153[	39B5]	
	C4224	C_1005	mbx153[	32E5]	C4977	C_1005	mbx153[	39B5]	
	C4225	C_1005	mbx153[	32E6]	C5001	C_1005	mbx153[	40C5]	
	C4250	C_1608	mbx153[	32C2]	C5002	C_1005	mbx153[	40C4]	
	C4251	C_1005	mbx153[	32C3]	CN60	CN2P_SMD+2	mbx153[	6B4]	
	C4252	C_1005	mbx153[	32C3]	CN70	CN1P_SMD	mbx153[	6B3]	
	C4260	C_1005	mbx153[	32B7]	CN1100	DDR2_SO_DIMM_200P_SM D+2	mbx153[	14C2]	
	C4261	C_1005	mbx153[	32C7]	CN1701	CN80P_SMD	mbx153[	20C2]	
	C4262	C_1005	mbx153[	32C7]	CN1900	CN20P_SMD	mbx153[	22F7]	
	C4263	C_0603	mbx153[	32C7]	CN2100	CN30P_SMD+7	mbx153[	29B2]	
	C4264	C_1005	mbx153[	32C6]	CN2200	CN70P_SMD	mbx153[	24D3]	
	C4265	C_1005	mbx153[	32C5]	CN2300	CN13P_SMD	mbx153[	25E3]	
	C4266	C_0603	mbx153[	32C6]	CN2330	CN50P_SMD+2	mbx153[	25C3]	
	C4267	C_1608	mbx153[	32C6]	CN2400	CN16P_SMD	mbx153[	26E1]	
	C4268	C_1005	mbx153[	32B6]	CN2490	CN24P_SMD+4	mbx153[	26B4]	
	C4269	CE_3528	mbx153[	32B5]	CN2500	MINI_PCI_E_CN_SMD+5	mbx153[	27D5]	
	C4270	C_0603	mbx153[	32B5]	CN2590	CN24P_SMD	mbx153[	27B5]	
	C4271	CE_3528	mbx153[	32C5]	CN2600	CN54P_SMD+2	mbx153[	28D2]	
	C4272	CE_3528	mbx153[	32C5]	CN2900	CN60P_SMD	mbx153[	29E3]	
	C4301	CE_7343	mbx153[	33D7]	CN4700	CN6P_TH	mbx153[	37B1]	
	C4302	C_1608	mbx153[	33D8]	CN4858	CN6P_SMD+2	mbx153[	38E7]	
	C4303	C_0603	mbx153[	33D8]	CN4971	CN2P_SMD+2	mbx153[	39B7]	
	C4304	C_1608	mbx153[	33E6]	CN5001	CN30P_SMD+2	mbx153[	40D3]	
	C4305	C_3626	mbx153[	33E6]	CN5002	CN20P_SMD+2	mbx153[	40D6]	
	C4306	C_1005	mbx153[	33D6]	CN5503	CN28P_SMD	mbx153[	40B5]	
	C4307	C_0603	mbx153[	33C7]	D60	SHOTTKY_SMD	mbx153[	6B5]	
	C4308	C_1608	mbx153[	33D5]	D111	D_SMD	mbx153[	7B2]	
	C4309	C_0603	mbx153[	33C6]	D2120	ZD_SC79AK	mbx153[	23D7]	
	C4310	C_1005	mbx153[	33C6]	D2121	ZD_SMD	mbx153[	23C7]	
	C4311	C_1608	mbx153[	33D5]	D2171	SHOTTKY_SMD	mbx153[	23D2]	
	C4312	C_1608	mbx153[	33D5]	D2175	ZD_SC79AK	mbx153[	23C3]	
	C4321	CE_6032	mbx153[	33D1]	D2310	ZD2_SC70KKA	mbx153[	25D4]	
	C4322	C_1608	mbx153[	33D1]	D2430	ZD7_TSS0P8	mbx153[	26D3]	
	C4323	C_0603	mbx153[	33D1]	D2431	ZD_SMD	mbx153[	26D4]	
	C4324	C_1608	mbx153[	33E3]	D2630	SHOTTKY_SMD	mbx153[	28C6]	
	C4325	C_3626	mbx153[	33E3]	D2910	D_SMD	mbx153[	29C8]	
	C4326	C_1005	mbx153[	33D3]	D3900	D_SMD	mbx153[	30B7]	
	C4327	C_0603	mbx153[	33C2]	D3950	SHOTTKY_SMD	mbx153[	30D3]	
	C4328	C_1608	mbx153[	33D3]	D3951	SHOTTKY_SC79AK	mbx153[	30E4]	
	C4330	C_0603	mbx153[	33C3]					
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PART NO.

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Sony Confidential

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

8		7	6		5	4	3	2		1
								REVISIONS		
								ZONE	LTR	DESCRIPTION
										DATE
										APPR.
D3952	SHO	mbx153[30D2]			IC300	GMCH_998_CSP998	mbx153[13D4]			
D3970	SHO	mbx153[30F6]			IC1180	TMP10X_SC74	mbx153[14D5]			
D3991	D_SMD	mbx153[30A7]			IC1200	DDR2_SDRAM1GX16_CSP9	mbx153[15E7]			
D4101	SHO	mbx153[31E5]				2				
D4102	SHO	mbx153[31E4]			IC1201	DDR2_SDRAM1GX16_CSP9	mbx153[15E6]			
D4104	D_SMD	mbx153[31E5]				2				
D4141	D2_SSSM3AAK	mbx153[31C5]			IC1202	DDR2_SDRAM1GX16_CSP9	mbx153[15E4]			
D4142	SHO	mbx153[31B5]				2				
D4150	D_SMD	mbx153[31B7]			IC1203	DDR2_SDRAM1GX16_CSP9	mbx153[15E2]			
D4300	SHO	mbx153[33D6]				2				
D4301	D_SMD	mbx153[33B6]			IC1204	DDR2_SDRAM1GX16_CSP9	mbx153[15B7]			
D4303	SHO	mbx153[33D2]				2				
D4311	D_SMD	mbx153[33A6]			IC1205	DDR2_SDRAM1GX16_CSP9	mbx153[15B6]			
D4320	D2_SSSM3AAK	mbx153[33F4]				2				
D4321	D_SMD	mbx153[33D5]			IC1206	DDR2_SDRAM1GX16_CSP9	mbx153[15B4]			
D4351	D_SMD	mbx153[33B8]				2				
D4352	ZD_SMD	mbx153[33A7]			IC1207	DDR2_SDRAM1GX16_CSP9	mbx153[15B2]			
D4411	SHO	mbx153[34D1]				2				
D4412	SHO	mbx153[34C1]			IC1394	PCI8412_CSP216	mbx153[19D6]			
D4413	SHO	mbx153[34C1]			IC1394	PCI8412_CSP216	mbx153[20C6]			
D4414	SHO	mbx153[34B1]			IC1394	PCI8412_CSP216	mbx153[21C6]			
D4415	SHO	mbx153[34B1]			IC1400	ICH7_M_CSP652	mbx153[16E2 16D6]			
D4421	ZD_SMD	mbx153[34E7]			IC1400	ICH7_M_CSP652	mbx153[17D3 17D7]			
D4521	SHO	mbx153[35C3]			IC1400	ICH7_M_CSP652	mbx153[18C2 18D5]			
D4531	SHO	mbx153[35B3]			IC1531	93C46_TSSOP8C	mbx153[17D5]			
D4551	SHO	mbx153[35E3]			IC1570	7402_SC88A	mbx153[17B3]			
D4607	D_SMD	mbx153[36C2]			IC1571	7414_SC88A	mbx153[17B1]			
D4611	D_SMD	mbx153[36E5]			IC1580	M25P80_SON9	mbx153[17B5]			
D4621	D_SMD	mbx153[36C7]			IC1581	NM24C02M8_TSSOP8	mbx153[17A5]			
D4622	D_SMD	mbx153[36C7]			IC1701	NM24C02M8_TSSOP8	mbx153[20C8]			
D4623	D2_SSSM3AAK	mbx153[36B7]			IC1752	TPS2220_SSOP24A	mbx153[20E3]			
D4624	D2_SSSM3AAK	mbx153[36C7]			IC1821	TPS2056_SOP8	mbx153[21D3]			
D4640	SHO	mbx153[36B3]			IC1900	H8S2111_FQFP144	mbx153[22D5 22A5]			
D4641	SHO	mbx153[36E5]			IC1990	LIS302_QFN14	mbx153[22B7]			
D4642	ZD_SC79AK	mbx153[36D6]			IC2120	7408_SC88A	mbx153[23D7]			
D4645	ZD_SC79AK	mbx153[36D5]			IC2121	7414_SC88A	mbx153[23D6]			
D4700	SHO	mbx153[37D6]			IC2122	7400_SSOP8	mbx153[23D6 23D6]			
D4722	D_SMD	mbx153[37C2]			IC2123	7408_SSOP8	mbx153[23E6 23D5]			
D4731	SHO	mbx153[37D5]			IC2124	7414_SC88A	mbx153[23F7]			
D4770	ZD_SMD	mbx153[37B2]			IC2125	7432_SC88A	mbx153[23E7]			
D4771	ZD4_SC88A	mbx153[37B2]			IC2171	MAX1698_TSSOP10	mbx153[23C3]			
D4782	D2_SSSM3AAK	mbx153[37D8]			IC2210	7408_SSOP8	mbx153[24B7 24C6]			
D4790	SHO	mbx153[37F2]			IC2251	7400_SC88A	mbx153[24D7]			
D4791	ZD_SMD	mbx153[37E2]			IC2310	BD651X_SOP8	mbx153[25E7]			
D4801	ZD_SMD	mbx153[38E6]			IC2500	7408_SC88A	mbx153[27D7]			
D4802	SHO	mbx153[38E5]			IC2610	7408_SC88A	mbx153[28D7]			
D4803	ZD_SMD	mbx153[38E4]			IC2620	7408_SC88A	mbx153[28D7]			
D4811	D2_SSSM3AAK	mbx153[38B7]			IC2640	7402_SC88A	mbx153[28A7]			
D4822	ZD_SMD	mbx153[38B7]			IC2950	7486_SC88A	mbx153[29B7]			
D4844	D2_SSSM3AAK	mbx153[38D2]			IC3900	MAX8736_QFN41	mbx153[30D6]			
D4901	D2_SSSM3AAK	mbx153[39E6]			IC3970	7414_SSOP8	mbx153[30F6 30F5 30F7]			
D4902	D2_SSSM3AAK	mbx153[39E5]			IC4101	MAX1540_QFN33	mbx153[31D5]			
D4903	D_SMD	mbx153[39E4]			IC4220	TPS51100_TSSOP11	mbx153[32E5]			
D4904	D2_SSSM3AAK	mbx153[39E4]			IC4250	TAR5SXX_UFV	mbx153[32C3]			
D4905	D2_SSSM3AAK	mbx153[39E3]			IC4261	MAX1515_QFN25	mbx153[32C6]			
D4906	ZD_SMD	mbx153[39D7]			IC4301	MAX8744_5_QFN33	mbx153[33D4]			
D4914	ZD_SMD	mbx153[39E3]			IC4302	R3112_SC82	mbx153[33A7]			
D4950	SHO	mbx153[39B3]			IC4500	7408_SC88A	mbx153[35D7]			
D4971	D2_SSSM3AAK	mbx153[39B6]			IC4501	7414_SSOP8	mbx153[35E7 35C6 35D6]			
D4972	D2_SSSM3AAK	mbx153[39A6]			IC4511	7414_SSOP8	mbx153[35E2 35E3 35C3]			
D4973	SHO	mbx153[39B5]			IC4521	7414_SSOP8	mbx153[35B3 35C2 35B2]			
F2171	FUSE_1608	mbx153[23D3]			IC4601	MAX4211_QFN17	mbx153[36C4]			
F4801	FUSE_SMD	mbx153[38E5]			IC4681	7414_SC88A	mbx153[36B4]			
FB200	FB_1005	mbx153[8E6]			IC4700	MAX1908_QFN29	mbx153[37D6]			
FB210	FB_1005	mbx153[8E5]			IC4901	R3112_SC82	mbx153[39D6]			
FB420	FB_1608	mbx153[11E5]			IC4952	7414_SSOP8	mbx153[39B3 39B2 39B4]			
FB421	FB_1608	mbx153[11E6]			JR1	CONDUCTOR_0603	mbx153[6E4]			
FB440	FB_1005	mbx153[11D7]			JR330	CONDUCTOR_1005	mbx153[9E1]			
FB450	FB_1005	mbx153[11C7]			JR2900	CONDUCTOR_1005	mbx153[29E8]			
FB451	FB_1005	mbx153[11C7]			JR2901	CONDUCTOR_1005	mbx153[29D8]			
FB452	FB_1005	mbx153[11D7]			JR3900	CONDUCTOR_0603	mbx153[30D6]			
FB453	FB_1005	mbx153[11D7]			JR3901	CONDUCTOR_0603	mbx153[30E6]			
FB1300	FB_1005	mbx153[19E6]			JR3902	CONDUCTOR_0603	mbx153[30E6]			
FB1610	FB_1608	mbx153[18F7]			JR3940	CONDUCTOR_0603	mbx153[30C5]			
FB1620	FB_1608	mbx153[18D7]			JR4221	CONDUCTOR_0603	mbx153[32E4]			
FB2310	FB_1608	mbx153[25E5]			JR4260	CONDUCTOR_0603	mbx153[32C7]			
FB4751	FB_3216	mbx153[37B1]			JR4261	CONDUCTOR_0603	mbx153[32B7]			
FB4801	FB_3216	mbx153[38E7]			L60	LP_50H28	mbx153[6B4]			
FL2100	LF4_2010	mbx153[29B3]			L2171	LP_75H45	mbx153[23D3]			
FL2101	LF4_2010	mbx153[29B3]			L3950	LP_91H45	mbx153[30D2]			
FL2310	LF2_SMD-D	mbx153[25D5]			L4101	LP_10H43	mbx153[31D6]			
FL2320	LF2_SMD-A	mbx153[25E5]			L4102	LP_10H43	mbx153[31D3]			
FL2321	LF2_SMD-A	mbx153[25E5]			L4261	LP_60H35	mbx153[32C5]			
FL2610	RB4_2010	mbx153[28E4]			L4301	LP_10H45	mbx153[33D7]			
IC1	YONAH_BGA479	mbx153[6D3 6D7]			L4302	LP_10H43	mbx153[33D2]			
IC1	YONAH_BGA479	mbx153[7D7 7C4]			L4730	LP_75H45	mbx153[37C4]			
IC50	LM86_TSSOP8	mbx153[6E5]			OL3907	OPENLAND_SMD	mbx153[30E7]			
IC200	PID9LPR321_QFN65	mbx153[8D6]			OL4640	OPENLAND_SMD	mbx153[36C2]			
IC300	GMCH_998_CSP998	mbx153[9E4 9D7]			Q41	TR-NPN_VMT3BEC	mbx153[6A6]			
IC300	GMCH_998_CSP998	mbx153[10D6]			Q50	DTR-PNP-RBE_FSM3BEC	mbx153[6F4]			
IC300	GMCH_998_CSP998	mbx153[11D3]			Q51	M_FET_NCH_E_3P_VMT3G	mbx153[6E4]			
IC300	GMCH_998_CSP998	mbx153[12D7 12D4 12D2]			SD					

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8		7	6		5	4	3	2		1				
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F														
E														
D														
C														
B														
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SHEET

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

8		7	6		5	4	3	2		1
								REVISIONS		
								ZONE	LTR	DESCRIPTION
										DATE
										APPR.
F	R1450	R_0603	mbx153[	16A5	]	R2500	R_0603	mbx153[	27D7	]
	R1451	R_0603	mbx153[	16A5	]	R2610	R_0603	mbx153[	28D7	]
	R1452	R_0603	mbx153[	16A5	]	R2620	R_0603	mbx153[	28D7	]
	R1453	R_0603	mbx153[	16A5	]	R2630	R_0603	mbx153[	28C6	]
	R1461	R_0603	mbx153[	16C3	]	R2631	R_0603	mbx153[	28C6	]
	R1462	R_0603	mbx153[	16C3	]	R2640	R_0603	mbx153[	28C7	]
	R1463	R_0603	mbx153[	16B3	]	R2641	R_0603	mbx153[	28B7	]
	R1500	R_1608	mbx153[	17C5	]	R2900	R_1005	mbx153[	29E6	]
	R1501	CONDUCTOR_1005	mbx153[	17C6	]	R2910	R_1005	mbx153[	29C6	]
	R1504	R_0603	mbx153[	17D5	]	R2911	R_0603	mbx153[	29C7	]
E	R1505	R_0603	mbx153[	17D5	]	R2912	R_0603	mbx153[	29C8	]
	R1506	R_0603	mbx153[	17D5	]	R2920	R_1005	mbx153[	29E6	]
	R1507	R_0603	mbx153[	17D5	]	R2921	R_1005	mbx153[	29D6	]
	R1512	R_0603	mbx153[	17C6	]	R2960	R_0603	mbx153[	29D4	]
	R1520	R_1005	mbx153[	17E4	]	R3900	R_0603	mbx153[	30E5	]
	R1530	R_0603	mbx153[	17D4	]	R3901	R_1005	mbx153[	30D7	]
	R1531	R_0603	mbx153[	17D4	]	R3902	R_1005	mbx153[	30D7	]
	R1532	R_0603	mbx153[	17D4	]	R3903	R_1005	mbx153[	30D7	]
	R1533	R_0603	mbx153[	17D4	]	R3906	R_1005	mbx153[	30D7	]
	R1551	R_0603	mbx153[	17C4	]	R3907	R_1005	mbx153[	30C7	]
D	R1553	R_0603	mbx153[	17D4	]	R3908	R_1005	mbx153[	30C7	]
	R1554	R_0603	mbx153[	17C4	]	R3909	R_1005	mbx153[	30B5	]
	R1560	R_0603	mbx153[	17E1	]	R3910	R_1005	mbx153[	30C7	]
	R1561	R_0603	mbx153[	17E1	]	R3911	R_1005	mbx153[	30C7	]
	R1562	R_0603	mbx153[	17E1	]	R3912	R_1005	mbx153[	30C6	]
	R1563	R_0603	mbx153[	17E1	]	R3913	R_1005	mbx153[	30C7	]
	R1564	R_0603	mbx153[	17E1	]	R3914	R_1005	mbx153[	30C7	]
	R1565	R_0603	mbx153[	17D1	]	R3915	R_1005	mbx153[	30C7	]
	R1570	R_0603	mbx153[	17B2	]	R3918	R_1005	mbx153[	30B6	]
	R1590	R_0603	mbx153[	17A7	]	R3919	R_0603	mbx153[	30B5	]
C	R1701	R_0603	mbx153[	20C5	]	R3920	R_0603	mbx153[	30B3	]
	R1702	R_0603	mbx153[	20C7	]	R3921	R_0603	mbx153[	30C4	]
	R1703	R_0603	mbx153[	20C7	]	R3922	R_0603	mbx153[	30C4	]
	R1704	R_0603	mbx153[	20C7	]	R3923	R_1005	mbx153[	30C7	]
	R1705	R_0603	mbx153[	20C8	]	R3924	R_1005	mbx153[	30D7	]
	R1706	R_0603	mbx153[	20C8	]	R3931	CONDUCTOR_0603	mbx153[	30B7	]
	R1707	R_0603	mbx153[	20B7	]	R3932	R_0603	mbx153[	30A7	]
	R1731	R_1005	mbx153[	20E5	]	R3933	R_1005	mbx153[	30C7	]
	R1732	R_0603	mbx153[	20D5	]	R3934	R_1005	mbx153[	30C7	]
	R1733	R_0603	mbx153[	20D5	]	R3940	R_1005	mbx153[	30C5	]
B	R1821	R_0603	mbx153[	21D3	]	R3941	R_1005	mbx153[	30C5	]
	R1822	R_0603	mbx153[	21D4	]	R3950	R4P_SMD	mbx153[	30D2	]
	R1850	R_0603	mbx153[	21D6	]	R3951	R_1005	mbx153[	30D5	]
	R1851	R_0603	mbx153[	21D5	]	R3952	R_1005	mbx153[	30E3	]
	R1852	R_0603	mbx153[	21D5	]	R3953	R_0603	mbx153[	30C1	]
	R1853	R_0603	mbx153[	21D6	]	R3954	R_0603	mbx153[	30E7	]
	R1854	R_1005	mbx153[	21C5	]	R3970	R_1005	mbx153[	30F6	]
	R1855	R_1005	mbx153[	21C5	]	R3990	R_0603	mbx153[	30B6	]
	R1900	R_1005	mbx153[	22C3	]	R4101	R_1005	mbx153[	31D6	]
	R1901	CONDUCTOR_1005	mbx153[	22C3	]	R4102	R_1005	mbx153[	31D6	]
A	R1910	R_0603	mbx153[	22C7	]	R4103	R_1005	mbx153[	31C6	]
	R1911	R_0603	mbx153[	22E6	]	R4104	R_1005	mbx153[	31D6	]
	R1917	R_0603	mbx153[	22D7	]	R4105	R_1005	mbx153[	31D6	]
	R1920	R_0603	mbx153[	22E3	]	R4106	R_1005	mbx153[	31D6	]
	R1921	R_0603	mbx153[	22E3	]	R4108	R_1005	mbx153[	31C6	]
	R1922	R_0603	mbx153[	22E2	]	R4109	R_1005	mbx153[	31D5	]
	R1923	R_0603	mbx153[	22E2	]	R4111	R_1005	mbx153[	31C5	]
	R1930	R_0603	mbx153[	22B2	]	R4112	R_1005	mbx153[	31E5	]
	R1931	R_0603	mbx153[	22B2	]	R4113	R_1005	mbx153[	31E4	]
	R1990	R_0603	mbx153[	22C8	]	R4114	R_1005	mbx153[	31E4	]
	R2111	R_0603	mbx153[	23E3	]	R4121	R_1005	mbx153[	31D3	]
	R2112	R_1005	mbx153[	23F2	]	R4122	R_1005	mbx153[	31D3	]
	R2113	R_1005	mbx153[	23E1	]	R4123	R_1005	mbx153[	31C3	]
	R2120	R_1005	mbx153[	23D7	]	R4124	R_1005	mbx153[	31D3	]
	R2121	R_1005	mbx153[	23C7	]	R4125	R_1005	mbx153[	31D4	]
	R2122	R_0603	mbx153[	23D7	]	R4126	R_0603	mbx153[	31D4	]
	R2123	R_1005	mbx153[	23C7	]	R4127	R_0603	mbx153[	31D4	]
	R2125	R_0603	mbx153[	23E5	]	R4129	R_0603	mbx153[	31D4	]
	R2126	R_0603	mbx153[	23C5	]	R4130	R_0603	mbx153[	31C5	]
	R2150	R_0603	mbx153[	23A7	]	R4133	R_0603	mbx153[	31C5	]
	R2151	R_1005	mbx153[	23A7	]	R4134	R_0603	mbx153[	31C5	]
	R2153	R_1005	mbx153[	23B7	]	R4135	R_0603	mbx153[	31C4	]
	R2154	R_1005	mbx153[	23B7	]	R4150	R_1005	mbx153[	31B7	]
	R2155	R_1005	mbx153[	23B6	]	R4151	R_0603	mbx153[	31A7	]
	R2156	R_1005	mbx153[	23B6	]	R4152	R_0603	mbx153[	31A7	]
	R2157	R_1005	mbx153[	23B5	]	R4153	R_1005	mbx153[	31B6	]
	R2158	R_1005	mbx153[	23B5	]	R4181	R_0603	mbx153[	31D7	]
	R2159	R_1005	mbx153[	23B4	]	R4182	R_1005	mbx153[	31D8	]
	R2160	R_1005	mbx153[	23B4	]	R4183	R_0603	mbx153[	31C2	]
	R2172	R_0603	mbx153[	23C4	]	R4184	R_1005	mbx153[	31D1	]
	R2179	R_1608	mbx153[	23D2	]	R4185	R_0603	mbx153[	31D4	]
	R2200	R_0603	mbx153[	24D2	]	R4230	R_0603	mbx153[	32E4	]
	R2251	R_1005	mbx153[	24E6	]	R4251	R_1005	mbx153[	32C2	]
	R2262	R_0603	mbx153[	24D5	]	R4261	R_0603	mbx153[	32C7	]
	R2330	R_1005	mbx153[	25C4	]	R4262	R_1005	mbx153[	32B7	]
	R2411	R_1005	mbx153[	26D5	]	R4263	R_1005	mbx153[	32B6	]
	R2412	R_1005	mbx153[	26D5	]	R4264	R_0603	mbx153[	32B4	]
	R2413	R_1005	mbx153[	26C5	]	R4265	R_1005	mbx153[	32B4	]
	R2414	R_1005	mbx153[	26C5	]	R4266	R_1005	mbx153[	32C5	]
	R2421	R_1005	mbx153[	26B5	]	R4267	R_1005	mbx153[	32B5	]
	R2422	R_1005	mbx153[	26B5	]	R4268	R_1005	mbx153[	32B5	]
	R2423	R_1005	mbx153[	26B5	]	R4301	R4P_SMD	mbx153[	33D7	]

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SIZE	DESIGNER	QTY	REV.	PART NO.
C	-	1	-	-
SHEET				53

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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

F	8	7	6	5	4	3	2		1
							REVISIONS		
E	ZONE		LTR	DESCRIPTION			DATE	APPR.	
D	R4302	R_1005	mbx153[33C7]	R4715	R_1005	mbx153[37B6]			
	R4303	R_1005	mbx153[33C7]	R4716	R_1005	mbx153[37B6]			
C	R4304	R_1005	mbx153[33C7]	R4719	CONDUCTOR_1005	mbx153[37C6]			
	R4305	R_1005	mbx153[33D7]	R4722	R_0603	mbx153[37E7]			
B	R4307	R_1005	mbx153[33D5]	R4723	R_1005	mbx153[37F6]			
	R4321	R4P_SMD	mbx153[33D2]	R4724	R_1005	mbx153[37F7]			
A	R4322	R_1005	mbx153[33C2]	R4730	R4P_SMD	mbx153[37C3]			
	R4323	R_1005	mbx153[33C2]	R4733	R_0603	mbx153[37E4]			
	R4324	R_1005	mbx153[33C2]	R4734	R_1005	mbx153[37D5]			
	R4325	R_1005	mbx153[33D2]	R4740	R4P_SMD	mbx153[37F6]			
	R4327	R_1005	mbx153[33D4]	R4741	R_0603	mbx153[37E5]			
	R4331	R_1005	mbx153[33C6]	R4742	R_0603	mbx153[37E5]			
	R4332	R_1005	mbx153[33C6]	R4750	R_0603	mbx153[37E1]			
	R4333	R_1005	mbx153[33C3]	R4751	R_0603	mbx153[37E3]			
	R4334	R_1005	mbx153[33C3]	R4752	R_0603	mbx153[37E2]			
	R4335	R_1005	mbx153[33C3]	R4762	R_1005	mbx153[37C2]			
	R4336	R_1005	mbx153[33C4]	R4770	R_0603	mbx153[37B3]			
	R4337	R_1005	mbx153[33C4]	R4771	R_0603	mbx153[37B3]			
	R4350	R_1005	mbx153[33B7]	R4772	R_0603	mbx153[37B3]			
	R4351	R_1005	mbx153[33B7]	R4773	R_0603	mbx153[37B3]			
	R4352	R_1005	mbx153[33A7]	R4781	R_1005	mbx153[37D7]			
	R4372	R_0603	mbx153[33E5]	R4782	R_1005	mbx153[37D7]			
	R4373	R_1608	mbx153[33E5]	R4783	R_1005	mbx153[37D7]			
	R4374	R_1608	mbx153[33E5]	R4784	R_1005	mbx153[37C7]			
	R4375	R_1608	mbx153[33E5]	R4785	R_0603	mbx153[37D7]			
	R4380	R_0603	mbx153[33D8]	R4786	R_1005	mbx153[37D7]			
	R4381	R_0603	mbx153[33D1]	R4791	R_0603	mbx153[37C7]			
	R4391	R_1005	mbx153[33D4]	R4792	R_0603	mbx153[37C8]			
	R4392	R_1005	mbx153[33D4]	R4801	R_1005	mbx153[38E4]			
	R4393	R_1005	mbx153[33D4]	R4802	R_1005	mbx153[38E4]			
	R4394	R_0603	mbx153[33E4]	R4806	R_1005	mbx153[38E2]			
	R4401	R_1005	mbx153[34B7]	R4807	R_1005	mbx153[38E2]			
	R4402	R_1005	mbx153[34B6]	R4809	R_1005	mbx153[38C7]			
	R4404	R_1005	mbx153[34B4]	R4810	R_1005	mbx153[38C7]			
	R4411	R_0603	mbx153[34D2]	R4811	R_1005	mbx153[38C7]			
	R4412	R_0603	mbx153[34C2]	R4816	R_0603	mbx153[38B7]			
	R4413	R_0603	mbx153[34C2]	R4817	R_0603	mbx153[38B6]			
	R4433	R_0603	mbx153[34E7]	R4818	R_0603	mbx153[38A6]			
	R4434	R_0603	mbx153[34E7]	R4819	R_1005	mbx153[38E5]			
	R4435	R_0603	mbx153[34E7]	R4821	R_0603	mbx153[38D3]			
	R4451	R_1005	mbx153[34F5]	R4822	R_0603	mbx153[38D3]			
	R4461	R_1005	mbx153[34D7]	R4823	R_0603	mbx153[38D3]			
	R4462	R_1005	mbx153[34D5]	R4841	R_0603	mbx153[38E5]			
	R4464	R_1005	mbx153[34D4]	R4854	R_0603	mbx153[38D5]			
	R4500	R_0603	mbx153[35D7]	R4871	R_1005	mbx153[38B4]			
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	R4510	R_1005	mbx153[35C6]	R4873	R_0603	mbx153[38B4]			
	R4521	R_0603	mbx153[35D4]	R4886	R_1005	mbx153[38C4]			
	R4522	R_0603	mbx153[35C3]	R4901	R_1005	mbx153[39E7]			
	R4523	R_0603	mbx153[35C3]	R4902	R_0603	mbx153[39D6]			
	R4531	R_0603	mbx153[35B4]	R4903	R_0603	mbx153[39D6]			
	R4532	R_0603	mbx153[35B3]	R4910	R_1005	mbx153[39E4]			
	R4533	R_0603	mbx153[35B3]	R4911	R_1005	mbx153[39E4]			
	R4551	R_0603	mbx153[35F4]	R4912	R_1005	mbx153[39E4]			
	R4552	R_0603	mbx153[35E3]	R4913	R_1005	mbx153[39E4]			
	R4553	R_0603	mbx153[35E3]	R4914	R_1005	mbx153[39E3]			
	R4601	R_0603	mbx153[36E7]	R4915	R_1005	mbx153[39E3]			
	R4602	R_0603	mbx153[36E7]	R4916	R_1005	mbx153[39E3]			
	R4611	R_1005	mbx153[36E3]	R4917	R_1005	mbx153[39E3]			
	R4612	R_1005	mbx153[36E3]	R4922	R_0603	mbx153[39E7]			
	R4631	R_1005	mbx153[36C4]	R4955	R_0603	mbx153[39B3]			
	R4639	R_1005	mbx153[36C5]	R4956	R_0603	mbx153[39C3]			
	R4640	R_1005	mbx153[36D3]	R4958	R_0603	mbx153[39B3]			
	R4641	R_1005	mbx153[36C3]	R4970	R_1005	mbx153[39A7]			
	R4644	R_0603	mbx153[36C2]	R4971	R_1005	mbx153[39B6]			
	R4645	R_0603	mbx153[36C2]	R4972	R_1005	mbx153[39B5]			
	R4647	R_1005	mbx153[36C5]	R4973	R_1005	mbx153[39B6]			
	R4648	R_1005	mbx153[36D6]	R4974	R_1005	mbx153[39C7]			
	R4651	R_1005	mbx153[36C3]	R4975	R_1005	mbx153[39C6]			
	R4653	R_1005	mbx153[36C3]	R4976	R_0603	mbx153[39B6]			
	R4654	R_1005	mbx153[36C3]	R5001	R_0603	mbx153[40C6]			
	R4661	R_1005	mbx153[36E4]	R5002	R_1005	mbx153[40C5]			
	R4662	R_1005	mbx153[36E4]	R5003	R_1005	mbx153[40B5]			
	R4663	R_1005	mbx153[36E6]	R5004	R_1005	mbx153[40B5]			
	R4664	R_1005	mbx153[36E5]	R5006	R_1005	mbx153[40B4]			
	R4665	R_1005	mbx153[36D4]	R5007	R_1005	mbx153[40C4]			
	R4671	R_0603	mbx153[36C7]	R5008	R_1005	mbx153[40C4]			
	R4672	R_0603	mbx153[36C7]	R5009	R_1005	mbx153[40C4]			
	R4681	R_1005	mbx153[36B4]	RB240	RB4_2010	mbx153[8E3]			
	R4682	R_1005	mbx153[36B4]	RB241	RB4_2010	mbx153[8D3]			
	R4695	R_0603	mbx153[36D3]	RB242	RB4_2010	mbx153[8D3]			
	R4702	R_1005	mbx153[37D6]	RB243	RB4_2010	mbx153[8C3]			
	R4703	R_0603	mbx153[37D5]	RB244	RB4_2010	mbx153[8C3]			
	R4704	R_1005	mbx153[37D7]	RB1120	RB4_1406	mbx153[14F7]			
	R4705	R_1005	mbx153[37D7]	RB1121	RB4_1406	mbx153[14E7]			
	R4706	R_1005	mbx153[37C7]	RB1122	RB4_1406	mbx153[14E7]			
	R4707	R_0603	mbx153[37C7]	RB1123	RB4_1406	mbx153[14E7]			
	R4708	R_1005	mbx153[37D7]	RB1124	RB4_1406	mbx153[14E7]			
	R4710	CONDUCTOR_1005	mbx153[37E6]	RB1125	RB4_1406	mbx153[14D7]			
	R4711	R_1005	mbx153[37E5]	RB1126	RB4_1406	mbx153[14D7]			
	R4713	R_1005	mbx153[37E6]	RB1130	RB4_1406	mbx153[14F6]			
	R4714	R_1005	mbx153[37E7]	RB1131	RB4_1406	mbx153[14E6]			

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SIZE C	DESIGNER -	SHEET 54			

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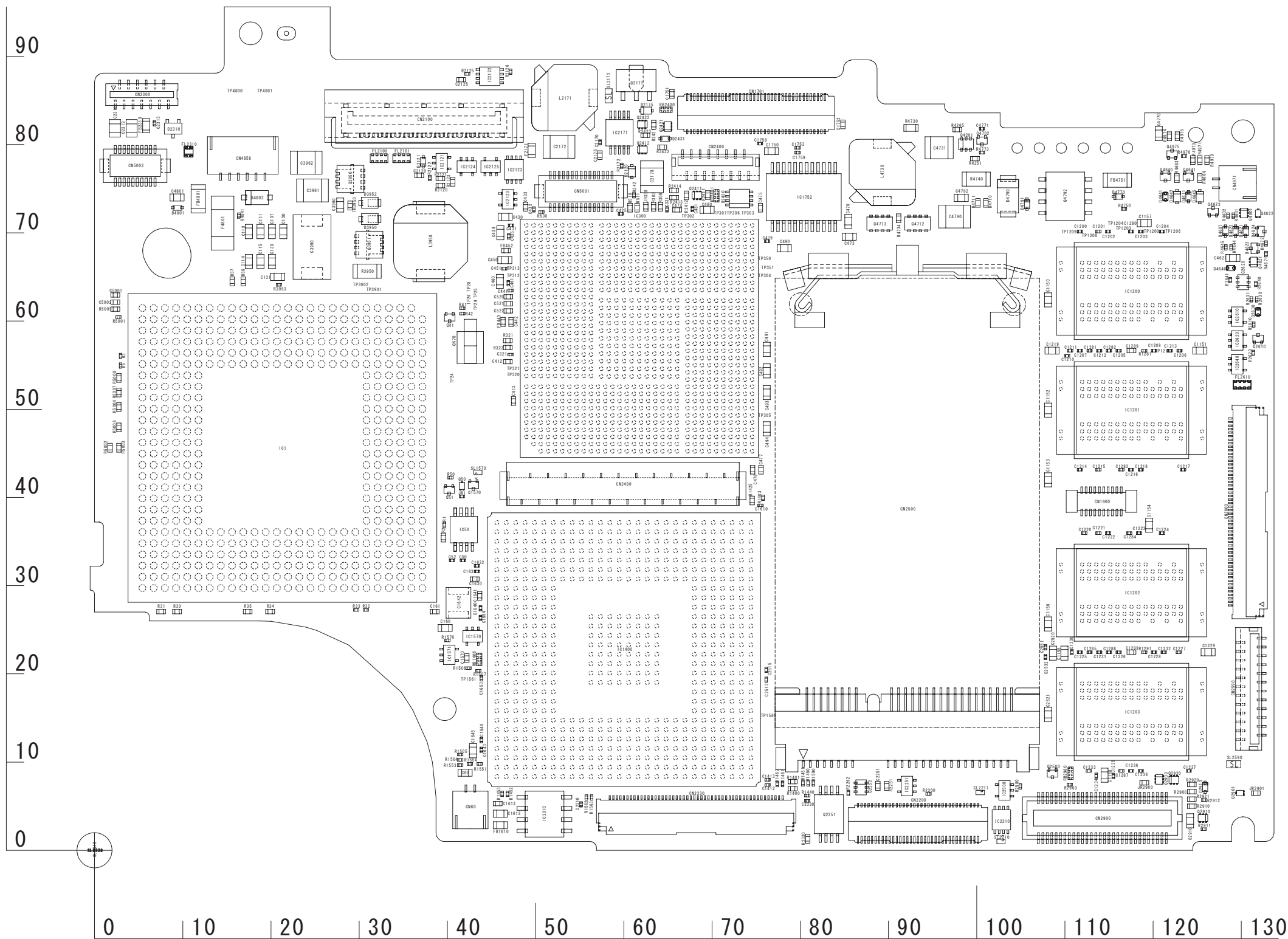
VGN-TX36C/TX36GP/TX36SP/TX37CP/TX37GP/TX37LP/TX37SP/TX37TP/
TX38CP/TX3HP/TX3XP/TX3XRP/TX52B/TX72B/TX72PZ/TX850FP/
TX850P/TX92PS/TX92S (J/AM/EU/AO)

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

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MBX-153 Board

Side A

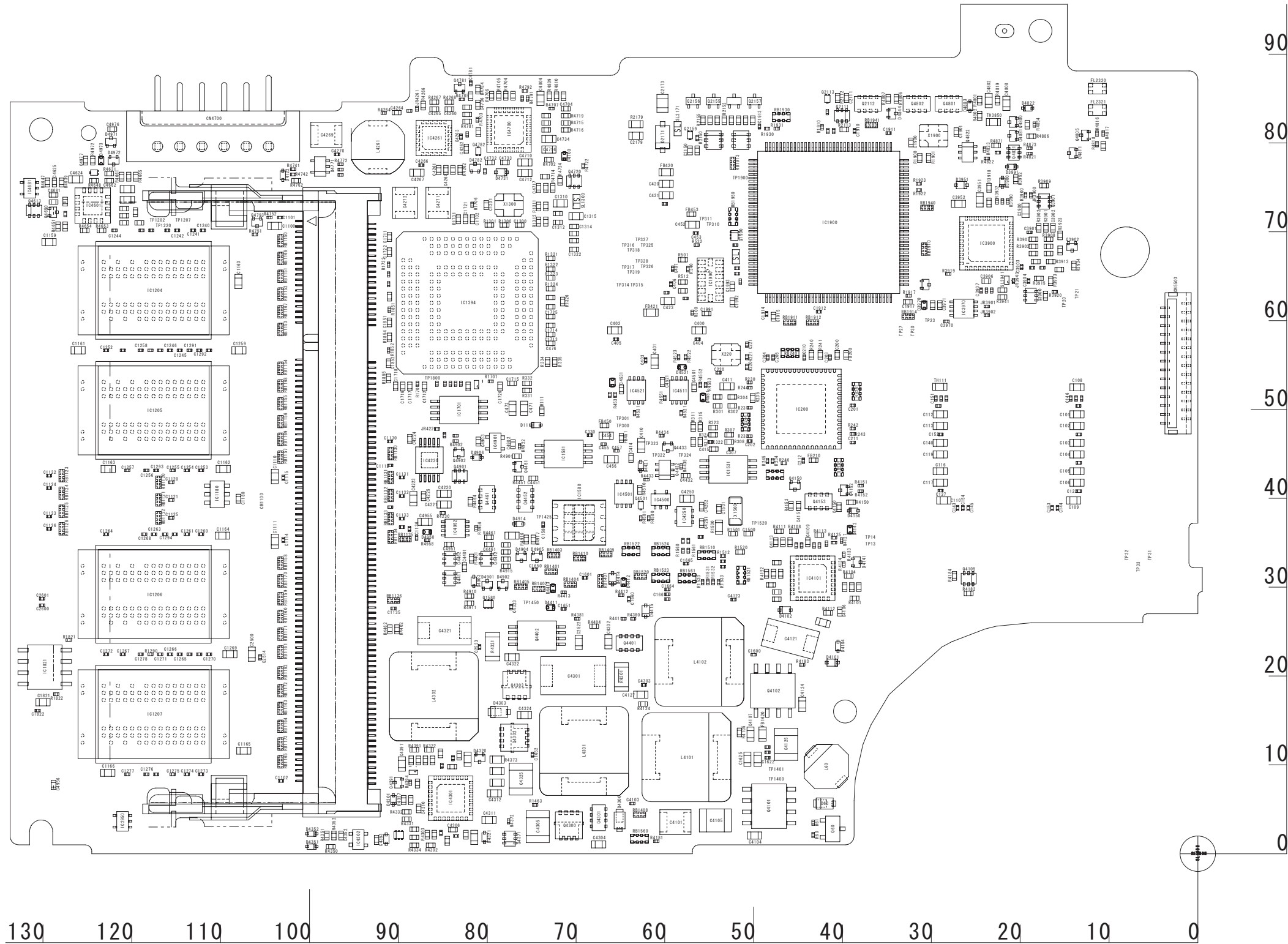


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VGN-TX36C/TX36GP/TX36SP/TX37CP/TX37GP/TX37LP/TX37SP/TX37TP/
TX38CP/TX38HP/TX38XP/TX38RP/TX38BP/TX38ZP/TX38FP/TX38OP/
TX3850P/TX3850PS/TX3850S (J/AM/EU/AO)

MBX-153 Board

Side B



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VGN-TX36C/TX36GP/TX36SP/TX37CP/TX37GP/TX37LP/TX37SP/TX37TP/
TX38CP/TX3HP/TX3XP/TX3XP/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>				