

DCR-DVD110E/DVD115E/DVD310E/DVD410E/DVD610/ DVD610E/DVD710/DVD710E/DVD810/DVD810E RMT-835

SERVICE MANUAL

LEVEL **3**

Ver. 1.2 2008.05

Revision History

Revised-1

Replace the previously issued
SERVICE MANUAL 9-852-249-11
with this manual.



Photo: DCR-DVD810

US Model
Canadian Model
AEP Model
UK Model
East European Model
North European Model
E Model
Australian Model
Hong Kong Model
Chinese Model
Korea Model
Argentine Model
Brazilian Model
Thai Model
Tourist Model
Japanese Model

Link

• MODEL INFORMATION TABLE

• PRINTED WIRING BOARDS

• REPAIR PARTS LIST

• SCHEMATIC DIAGRAMS

The components identified by
mark $\triangle$ or dotted line with
mark $\triangle$ are critical for safety.
Replace only with part num-
ber specified.

Les composants identifiés par une
marque $\triangle$ sont critiques pour la
sécurité.
Ne les remplacer que par une pièce
portant le numéro spécifié.



DIGITAL VIDEO CAMERA RECORDER

SONY®

Ver. 1.2 2008.05

The changed portions from Ver. 1.1 are shown in blue.

Model information table

Non MEGA model

Model		DCR-DVD110E	DCR-DVD115E	DCR-DVD610	DCR-DVD610E
Destination		AEP, UK, EE, NE	AEP, UK, EE, NE	US, CND, E, AR, BR	NE, E, AUS, HK, CH, TH
Color system		PAL	PAL	NTSC	PAL
5.1ch recording		×	○	×	×
Data copy	CAM → PC	○	○	○	○
	PC → CAM	×	×	○	○
Remote commander		×	×	×	×
Active Interface Shoe		×	×	×	×
Internal flash memory		×	×	×	×
BL board		BL-021	BL-021	BL-021	BL-021
CD board		CD-731	CD-731	CD-731	CD-731
CK board		CK-191	CK-191	CK-191	CK-191
MS board		MS-391	MS-391	MS-391	MS-391
PD board		PD-351	PD-351	PD-351	PD-351
RV board		RV-011	RV-011	RV-011	RV-011

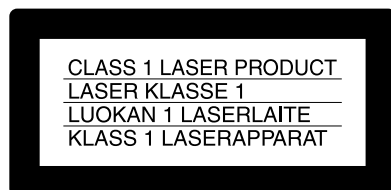
MEGA model

Model		DCR-DVD310E	DCR-DVD410E	DCR-DVD710	DCR-DVD710E	DCR-DVD810	DCR-DVD810E
Destination		AEP, UK, EE, NE	AEP, UK, EE, NE	US, CND, E, AR	NE, E, CH	US, CND, E, KR, AR, BR, JE, J	NE, E, AUS, HK, TH, JE
Color system		PAL	PAL	NTSC	PAL	NTSC	PAL
5.1ch recording		○	○	○	○	○	○
Data copy	CAM → PC	○	○	○	○	○	○
	PC → CAM	×	×	○	○	○	○
Remote commander		○	○	○	○	○	○
Active Interface Shoe		○	○	○	○	○	○
Internal flash memory		×	○	×	×	○	○
BL board		BL-022	BL-022	BL-022	BL-022	BL-022	BL-022
CD board		CD-687	CD-687	CD-687	CD-672/CD-687	CD-687	CD-672/CD-687
CK board		CK-192	CK-192	CK-192	CK-192	CK-192	CK-192
MS board		MS-392	MS-392	MS-392	MS-392	MS-392	MS-392
PD board		PD-352	PD-352	PD-352	PD-352	PD-352	PD-352
RV board		RV-012	RV-012	RV-012	RV-012	RV-012	RV-012

- Abbreviation
 - AR : Argentine model
 - AUS : Australian model
 - BR : Brazilian model
 - CH : Chinese model
 - CND : Canadian model
 - EE : East European model
 - HK : Hong Kong model
 - J : Japanese model
 - JE : Tourist model
 - KR : Korea model
 - MX : Mexican model
 - NE : North European model
 - TH : Thai model

CAUTION :

Danger of explosion if battery is incorrectly replaced.
Replace only with the same or equivalent type.



WARNING!!

WHEN SERVICING, DO NOT APPROACH THE LASER EXIT WITH THE EYE TOO CLOSELY. IN CASE IT IS NECESSARY TO CONFIRM LASER BEAM EMISSION, BE SURE TO OBSERVE FROM A DISTANCE OF MORE THAN 30 cm FROM THE SURFACE OF THE OBJECTIVE LENS ON THE OPTICAL PICK-UP BLOCK.

SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY MARK  OR DOTTED LINE WITH MARK  ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

CAUTION:

The use of optical instrument with this product will increase eye hazard.

CAUTION

Use of controls or adjustments or performance procedures other than those specified herein may result in hazardous radiation exposure.

ATTENTION AU COMPOSANT AYANT RAPPORT À LA SÉCURITÉ!

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

SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety checks before releasing the set to the customer.

1. Check the area of your repair for unsoldered or poorly-soldered connections. Check the entire board surface for solder splashes and bridges.
2. Check the interboard wiring to ensure that no wires are "pinched" or contact high-wattage resistors.
3. Look for unauthorized replacement parts, particularly transistors, that were installed during a previous repair. Point them out to the customer and recommend their replacement.
4. Look for parts which, through functioning, show obvious signs of deterioration. Point them out to the customer and recommend their replacement.
5. Check the B+ voltage to see it is at the values specified.
6. Flexible Circuit Board Repairing
 - Keep the temperature of the soldering iron around 270°C during repairing.
 - Do not touch the soldering iron on the same conductor of the circuit board (within 3 times).
 - Be careful not to apply force on the conductor when soldering or unsoldering.

Unleaded solder

Boards requiring use of unleaded solder are printed with the lead-free mark (LF) indicating the solder contains no lead.

(Caution: Some printed circuit boards may not come printed with the lead free mark due to their particular size.)



: LEAD FREE MARK

Unleaded solder has the following characteristics.

- Unleaded solder melts at a temperature about 40°C higher than ordinary solder.
Ordinary soldering irons can be used but the iron tip has to be applied to the solder joint for a slightly longer time.
Soldering irons using a temperature regulator should be set to about 350°C.
Caution: The printed pattern (copper foil) may peel away if the heated tip is applied for too long, so be careful!
- Strong viscosity
Unleaded solder is more viscous (sticky, less prone to flow) than ordinary solder so use caution not to let solder bridges occur such as on IC pins, etc.
- Usable with ordinary solder
It is best to use only unleaded solder but unleaded solder may also be added to ordinary solder.

注意

電池の交換は、正しく行わないと破裂する恐れがあります。電池を交換する場合には必ず同じ型名の電池又は同等品と交換してください。

サービス、点検時には次のことにご注意下さい。

1. 注意事項をお守りください。

サービスのとき特に注意を要する個所については、キャビネット、シャーシ、部品などにラベルや捺印で注意事項を表示しています。これらの注意書き及び取扱説明書等の注意事項を必ずお守り下さい。

2. 指定部品のご使用を

セットの部品は難燃性や耐電圧など安全上の特性を持ったものとなっています。従って交換部品は、使用されていたものと同じ特性の部品を使用して下さい。特に回路図、部品表に△印で指定されている安全上重要な部品は必ず指定のものをご使用下さい。

3. 部品の取付けや配線の引きまわしはもとどおりに

安全上、チューブやテープなどの絶縁材料を使用したり、プリント基板から浮かして取付けた部品があります。また内部配線は引きまわしやクランパによって発熱部品や高圧部品に接近しないよう配慮されていますので、これらは必ずもとどおりにして下さい。

4. サービス後は安全点検を

サービスのために取外したネジ、部品、配線がもとどおりにになっているか、またサービスした個所の周辺を劣化させてしまったところがないかなどを点検し、安全性が確保されていることを確認して下さい。

5. チップ部品交換時の注意

- 取外した部品は再使用しないで下さい。
- タンタルコンデンサのマイナス側は熱に弱いため交換時は注意して下さい。

6. フレキシブルプリント基板の取扱いについて

- コテ先温度を270℃前後にして行なって下さい。
- 同一パターンに何度もコテ先を当てないで下さい。(3回以内)
- パターンに力が加わらないよう注意して下さい。

7. 無鉛半田について

無鉛半田を使用している基板には、無鉛 (Lead Free) を意味するレッドフリーマークがプリントされています。

(注意：基板サイズによっては、無鉛半田を使用してもレッドフリーマークがプリントされていないものがあります)

：レッドフリーマーク

無鉛半田には、以下の特性があります。

- 融点が従来の半田よりも約40℃高い。
従来の半田こてをそのまま使用することは可能ですが、少し長めにこてを当てる必要があります。
温度調節機能のついた半田こてを使用する場合、約350℃に設定して下さい。
注意：半田こてを長く当てすぎると、基板のパターン (銅箔) がはがれてしまうことがありますので、注意して下さい。
- 粘性が強い
従来の半田よりも粘性が強いため、IC端子などが半田ブリッジしないように注意して下さい。
- 従来の半田と混ぜて使用可能
無鉛半田には無鉛半田を追加するのが最適ですが、従来の半田を追加しても構いません。

4-2. SCHEMATIC DIAGRAMS

Link

VC-520 BOARD (1/20) (A/D CONVERTER, TIMING GENERATOR)	VC-520 BOARD (11/20) (RF PROCESS)
VC-520 BOARD (2/20) (LENS DRIVE, EVR)	VC-520 BOARD (12/20) (DVD MECHA DRIVE)
VC-520 BOARD (3/20): Non MEGA model (LENS DRIVE)	VC-520 BOARD (13/20) (D/A CONVERTER)
VC-520 BOARD (4/20) (LENS DRIVE)	VC-520 BOARD (14/20): DVD110E/DVD610/ DVD610E (VIDEO OUT, AUDIO I/O)
VC-520 BOARD (5/20) (CPU (SIGNAL PROCESS 1))	VC-520 BOARD (15/20): DVD115E/DVD310E/DVD410E/ DVD710/DVD710E/DVD810/DVD810E (VIDEO, AUDIO I/O)
VC-520 BOARD (6/20) (CPU (SIGNAL PROCESS 2))	VC-520 BOARD (16/20) (LCD/EVF DRIVE)
VC-520 BOARD (7/20) (CPU (POWER SUPPLY))	VC-520 BOARD (17/20) (HI CONTROL)
VC-520 BOARD (8/20) (SDRAM, OneNAND FLASH)	VC-520 BOARD (18/20) (DC IN, CHARGE)
VC-520 BOARD (9/20) (DVD DSP, DVD DRIVE CONTROL)	VC-520 BOARD (19/20) (DC/DC CONVERTER)
VC-520 BOARD (10/20) (SDRAM, FLASH)	VC-520 BOARD (20/20) (CONNECTOR)

COMMON NOTE FOR SCHEMATIC DIAGRAMS

Non MEGA model: DCR-DVD110E/DVD115E/DVD610/DVE610E

4. PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS

4-2. SCHEMATIC DIAGRAMS
(ENGLISH)**THIS NOTE IS COMMON FOR SCHEMATIC DIAGRAMS**

(In addition to this, the necessary note is printed in each block)

(For schematic diagrams)

- All capacitors are in μF unless otherwise noted. pF : μF . 50 V or less are not indicated except for electrolytics and tantalums.
- Chip resistors are 1/10 W unless otherwise noted. $\text{k}\Omega=1000\ \Omega$, $\text{M}\Omega=1000\ \text{k}\Omega$.
- Caution when replacing chip parts.
New parts must be attached after removal of chip.
Be careful not to heat the minus side of tantalum capacitor, Because it is damaged by the heat.
- Some chip part will be indicated as follows.

Example	C541	L452
	22U	10UH
	TA A	2520
Kinds of capacitor	Case size	External dimensions (mm)

- Constants of resistors, capacitors, ICs and etc with XX indicate that they are not used.
In such cases, the unused circuits may be indicated.
- Parts with ★ differ according to the model/destination. Refer to the mount table for each function.
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.
- Signal name
XEDIT → EDIT PB/XREC → PB/REC
- : non flammable resistor
- : fusible resistor
- : panel designation
- : B+ Line
- : B- Line
- : IN/OUT direction of (+,-) B LINE.
- : adjustment for repair.

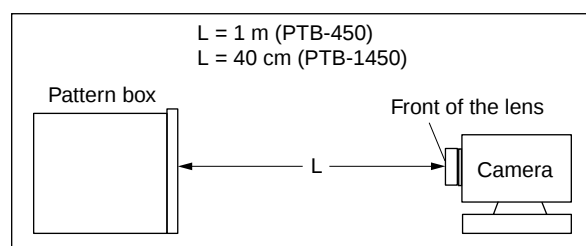
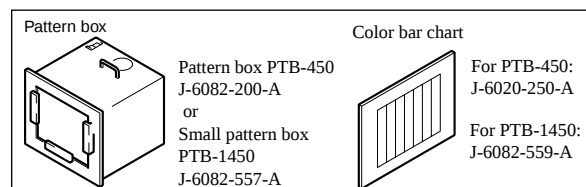
(Measuring conditions voltage and waveform)

- Voltages and waveforms are measured between the measurement points and ground when camera shoots color bar chart of pattern box. They are reference values and reference waveforms.
(VOM of DC 10 $\text{M}\Omega$ input impedance is used)
- Voltage values change depending upon input impedance of VOM used.)

Precautions for Replacement of Imager

- If the imager has been replaced, carry out all the adjustments for the camera section.
- As the imager may be damaged by static electricity from its structure, handle it carefully like for the MOS IC.
In addition, ensure that the receiver is not covered with dusts nor exposed to strong light.

1. Connection



2. Adjust the distance so that the output waveform of Fig. a and the Fig. b can be obtain.

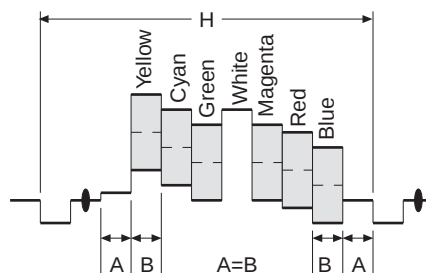


Fig. a (Video output terminal output waveform)

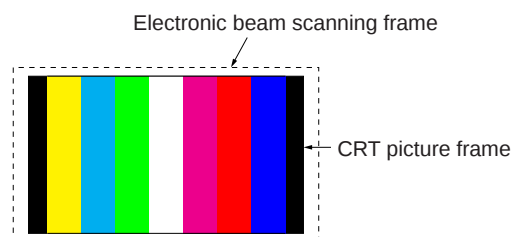


Fig.b (Picture on monitor TV)

When indicating parts by reference number, please include the board name.

The components identified by mark $\triangle$ or dotted line with mark $\triangle$ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque $\triangle$ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

(JAPANESE)

回路図共通ノート

(他に必要なノートは各ブロックに記載してあります)

【回路図ノート】

- ・ケミコン、タンタルを除くコンデンサで、耐圧50V以下のものはその耐圧を省略。単位はすべて μF (pはpF)。
- ・チップ抵抗で指示のないものは、 $1/10\text{W}$ 以下。
 $k\Omega=1000\Omega$, $M\Omega=1000k\Omega$
- ・チップ部品交換時の注意
 取り外した部品は再使用せず、未使用の部品をご使用ください。
 タンタルコンデンサのマイナス側は熱に弱いので注意してください。

- ・チップ部品には下記のように表示したものがあります。

例	C 541	L 452
	22U	10UH
	TA A	2520
	↑	↑
	種類 ケースサイズ	外形寸法 (mm)

- ・抵抗、コンデンサ、ICなど定数にXXがあるものは、使用していない事を示しています。このため、使用していない回路が記載されている事があります。
- ・★印のある部品は、機種などにより異なりますので機能別マウンティング一覧表を参照してください。
- ・可変抵抗と半固定抵抗で、B特性の表示を省略。
- ・信号名表記について、下記のような場合があります。
 XEDIT → EDIT PB/XREC → PB/REC

- ・ は不燃性抵抗。
- ・ はヒューズ抵抗。
- ・ はパネル表示名称。
- ・ はB+ライン。
- ・ はB-ライン。
- ・ はBライン (+, -) の入出力方向を示す。
- ・ は調整名称。

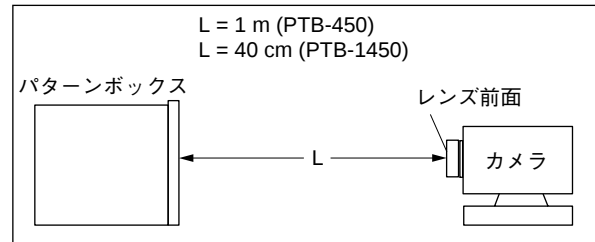
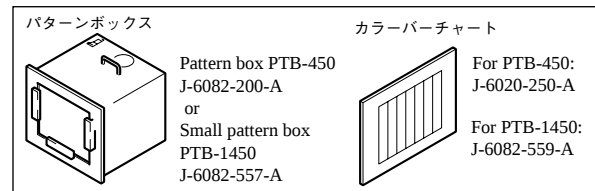
【電圧・波形測定条件ノート】

- ・電圧値及び信号波形はパターンボックスのカラーバーチャートを被写体としたときの測定点対アース間の参考値。
 (デジタルマルチメータ; 入力インピーダンス $DC10M\Omega$ 使用)
- ・使用テストの入力インピーダンスにより電圧値が多少異なります。

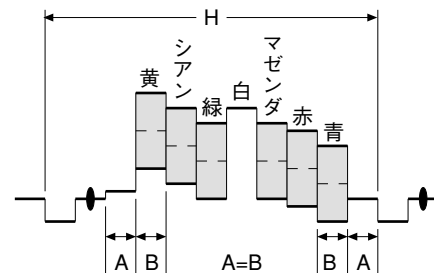
イメージ交換時の注意

- ・イメージを交換した場合は、カメラ部の全調整を行ってください。
- ・イメージは構造上、静電気により破壊される恐れがあるため、MOS ICと同様に注意して取り扱ってください。
 また、受光部にはゴミの付着、および強い光はいることのないように注意してください。

1. 接続図

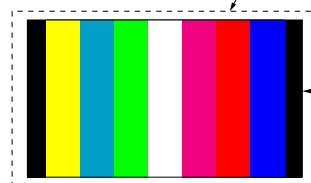


- 2. 図a及び図bの波形が得られるように画枠調整して下さい。



図a (映像入出力端子出力波形)

電子ビーム走査線



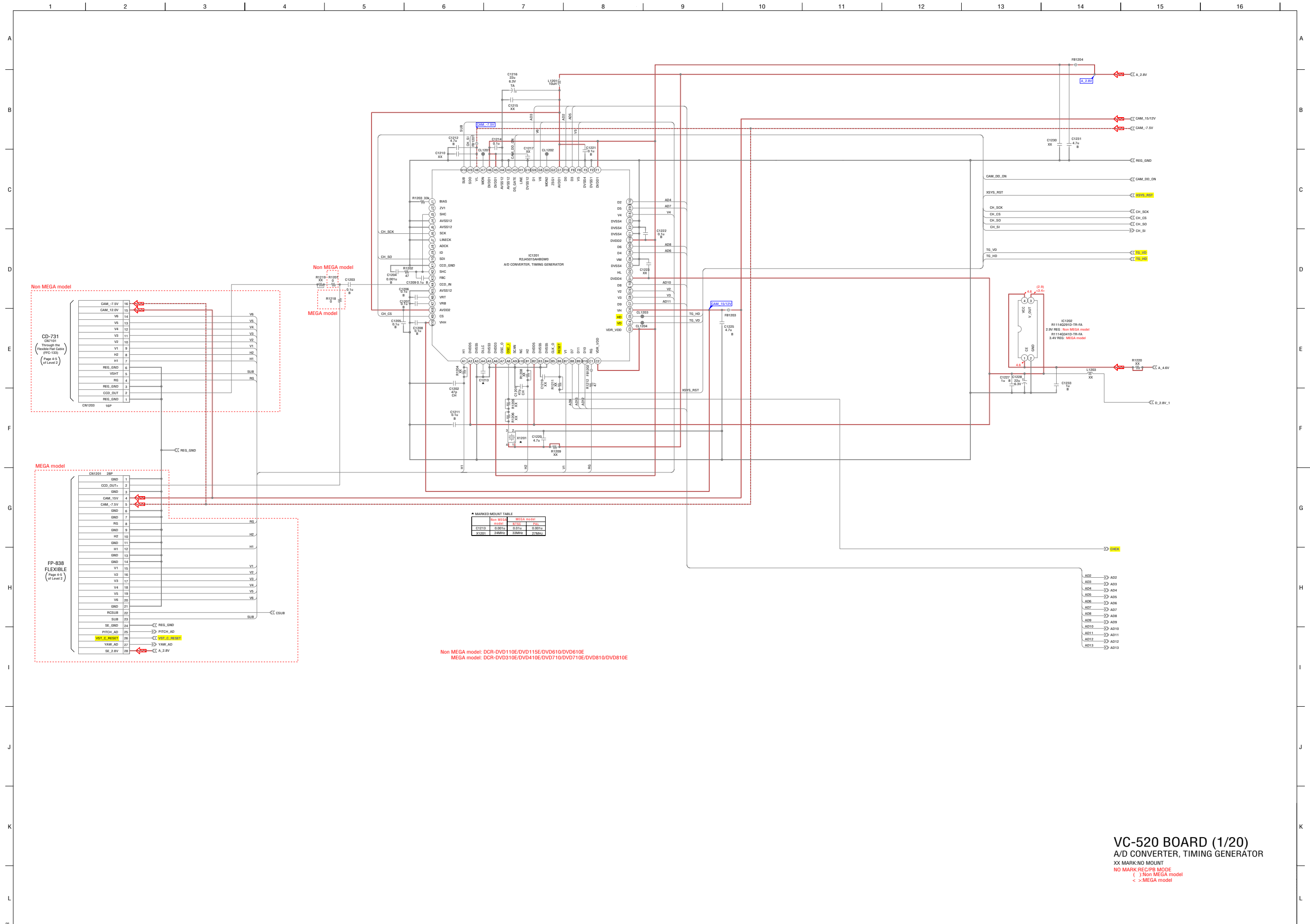
図b (テレビモニタの映像)

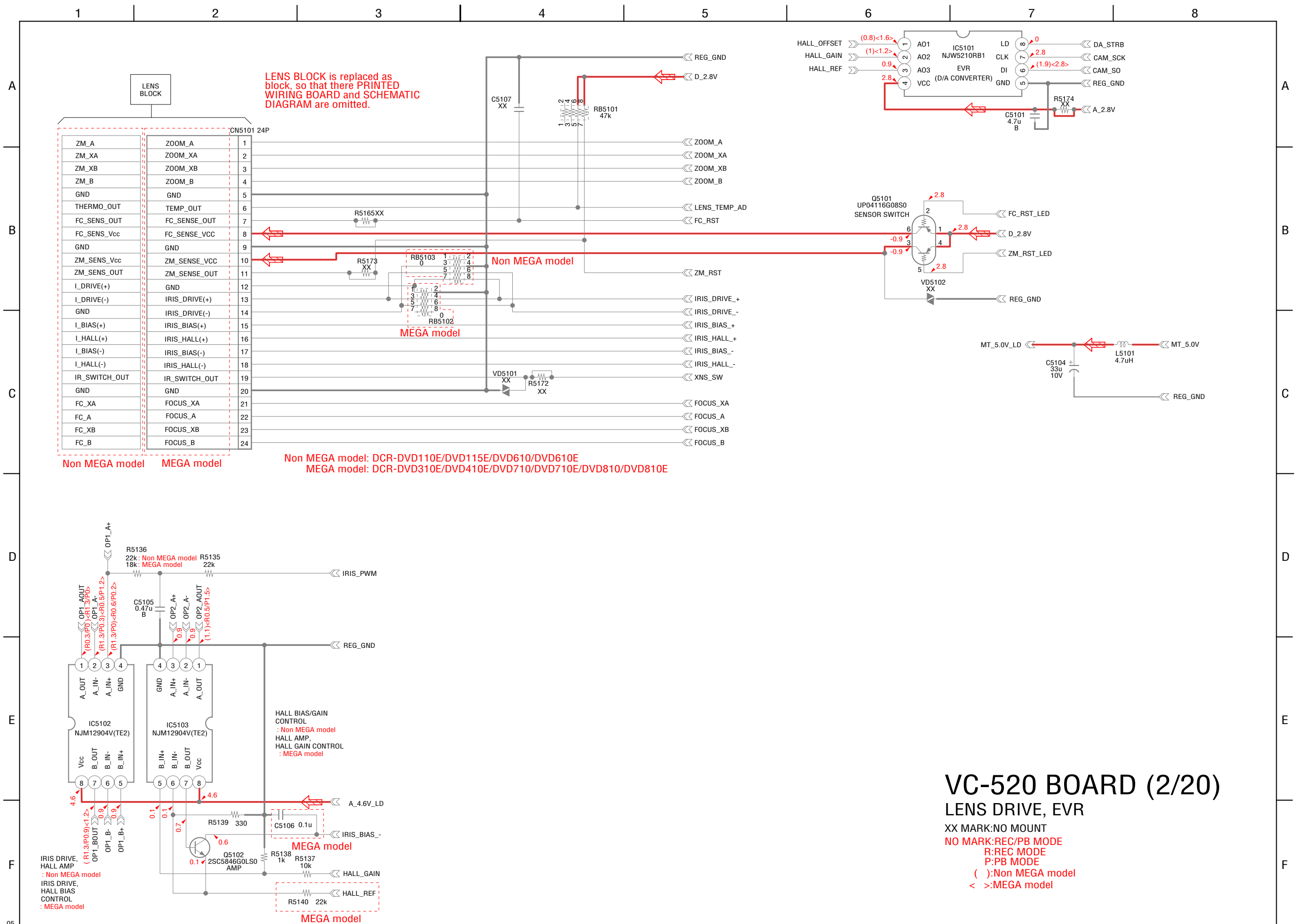
ブラウン管の画像枠

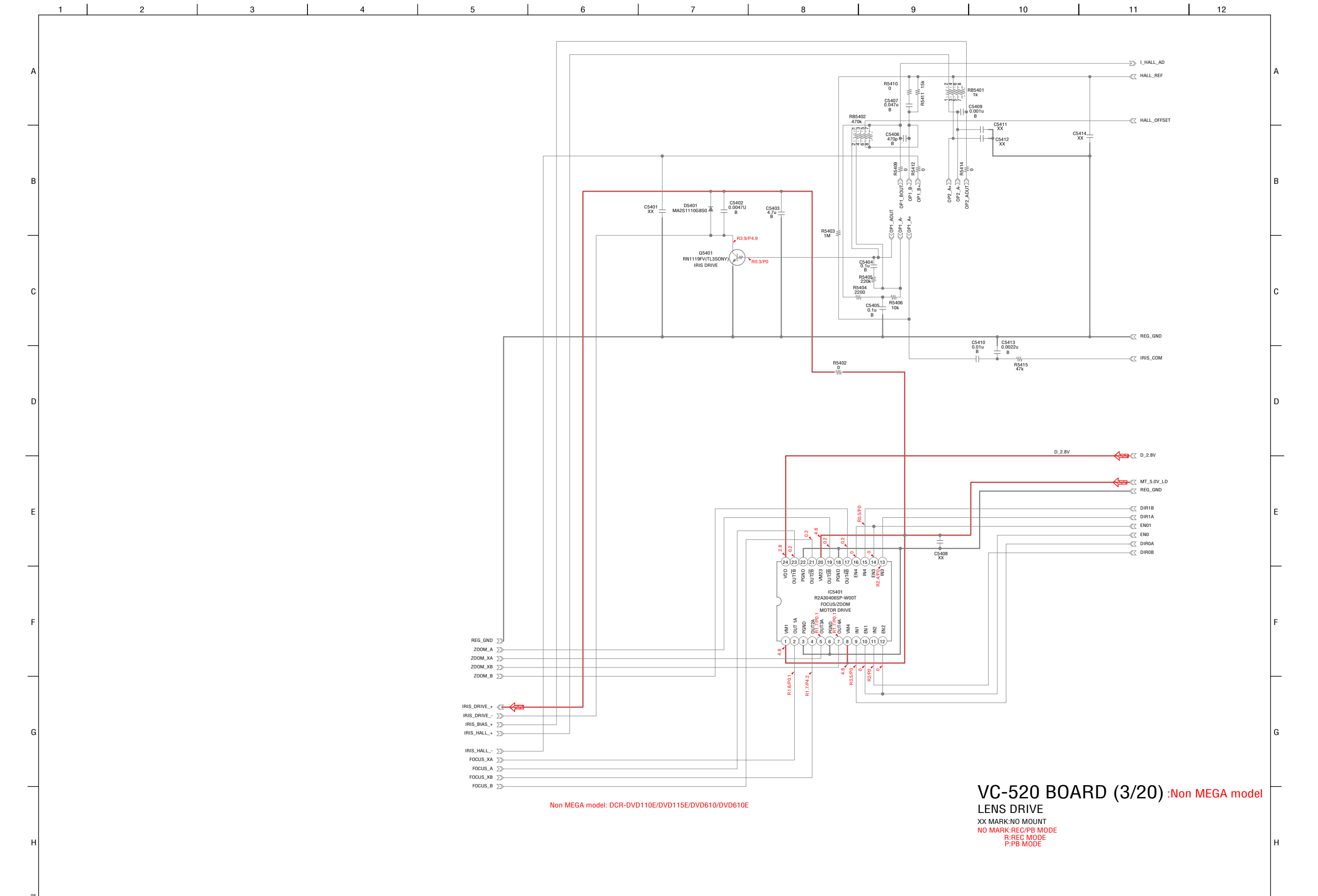
△印の部品、または△印付きの点線で囲まれた部品は、安全性を維持するために重要な部品です。
 従って交換時は、必ず指定の部品を使用して下さい。

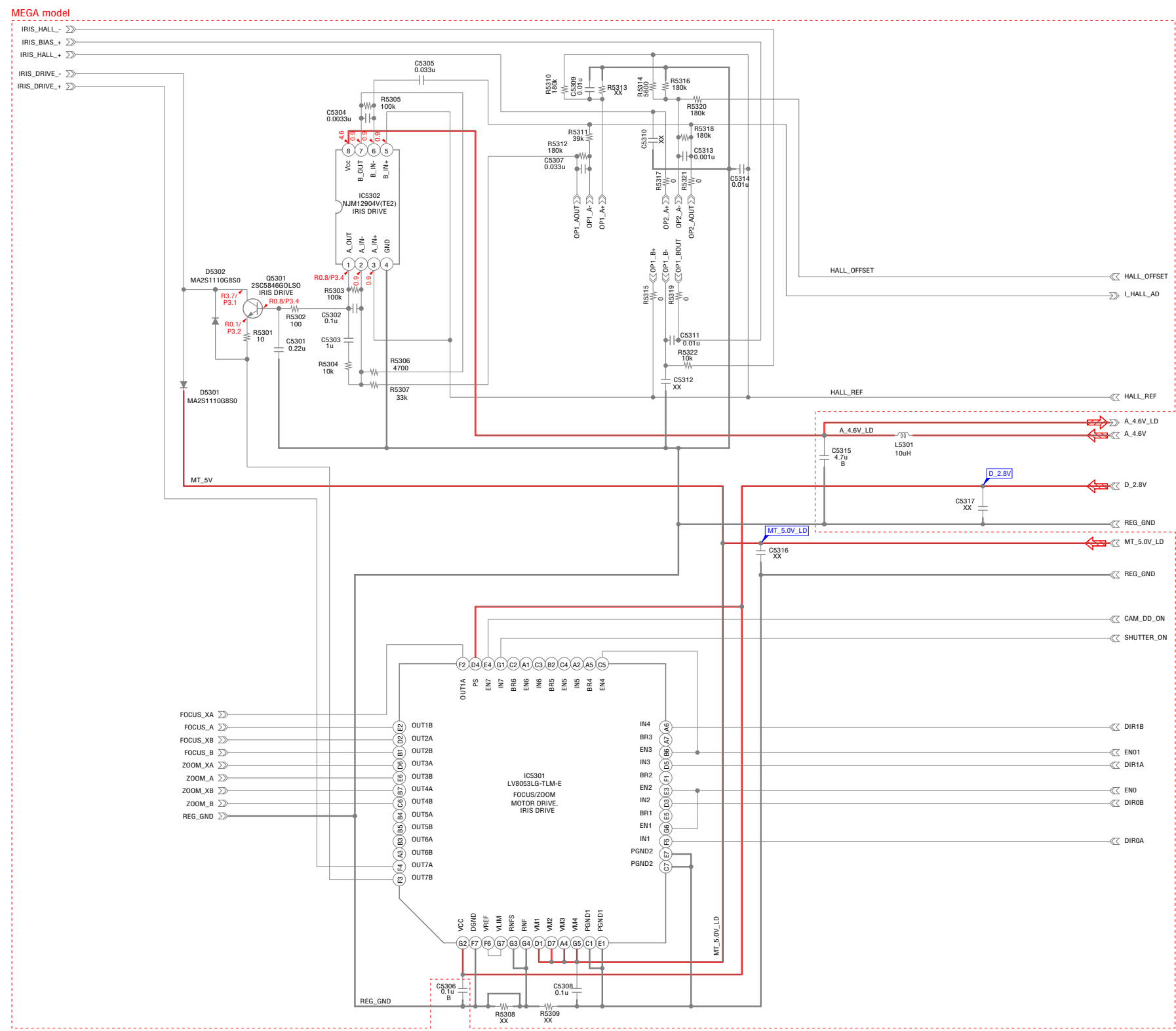
お願い

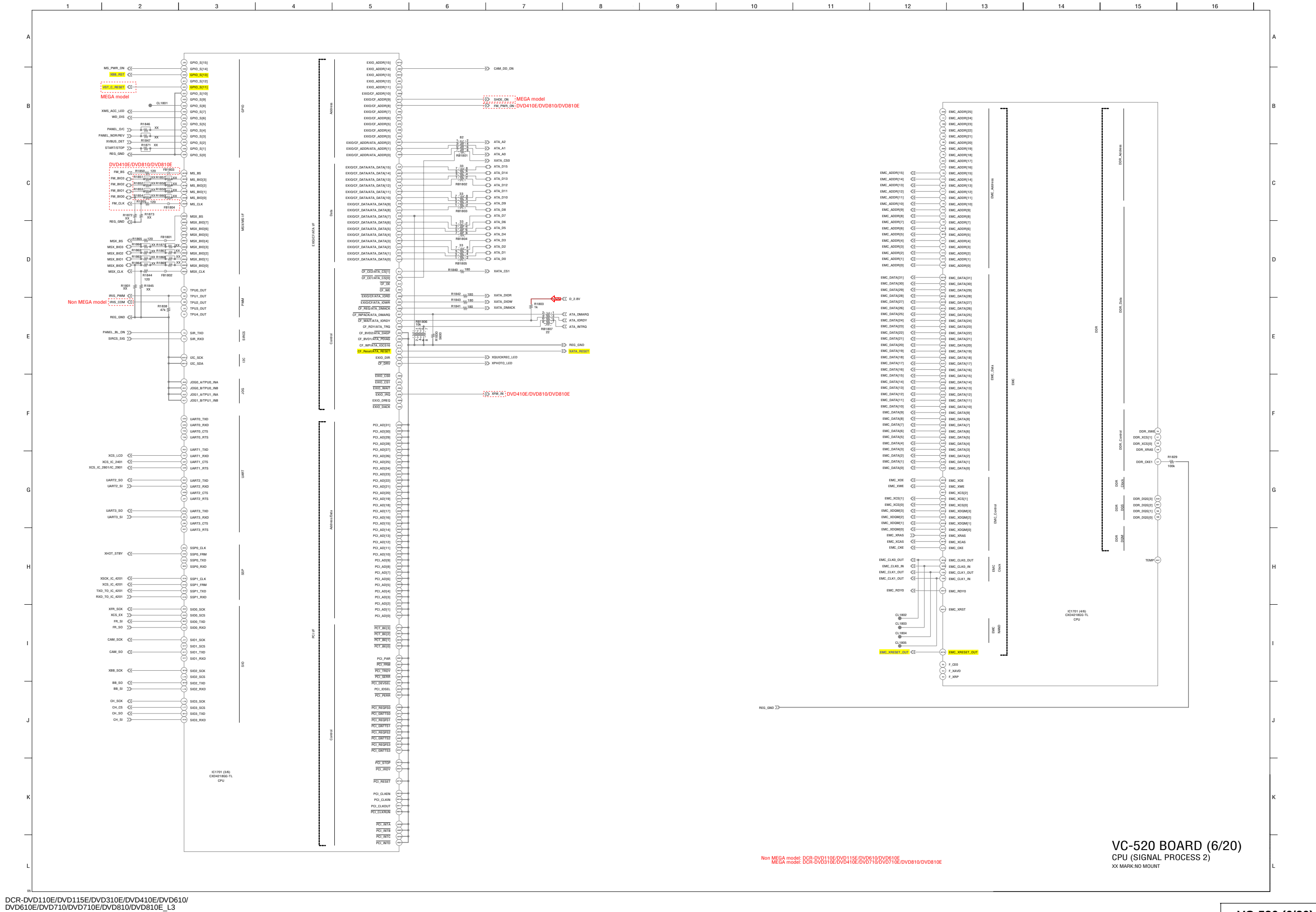
図面番号で部品を指定するときは基板名又はブロックを併せて指定して下さい。

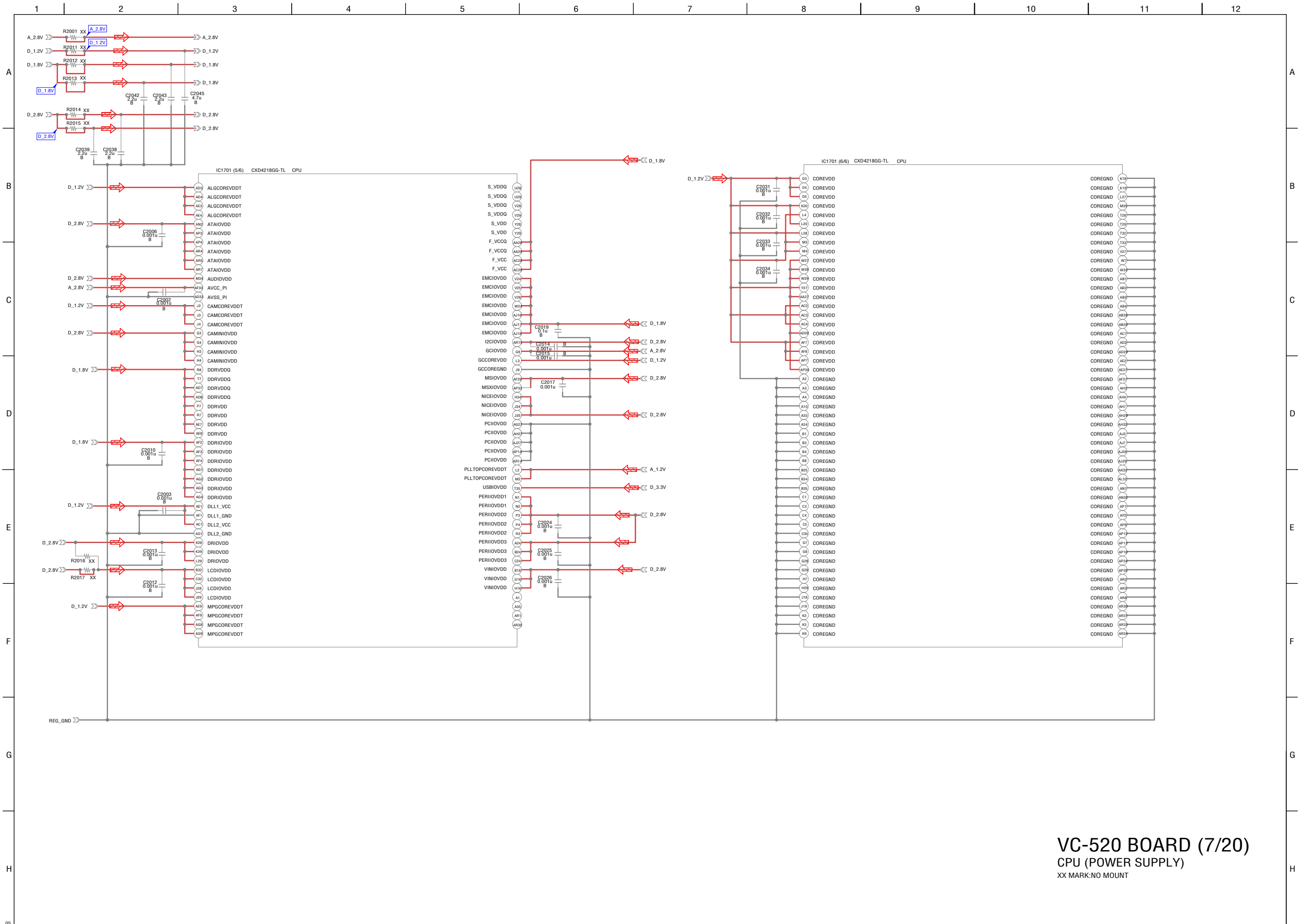




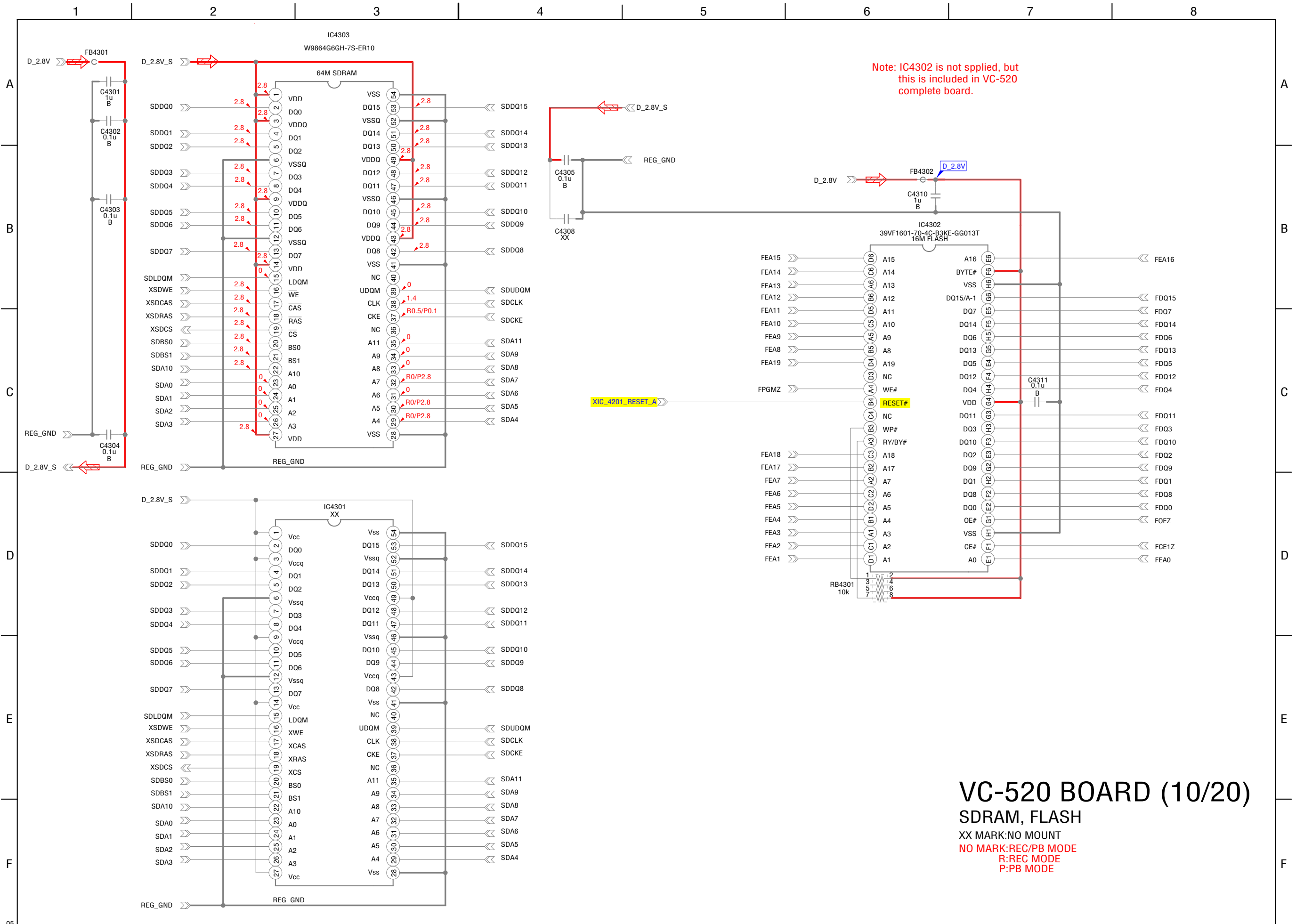




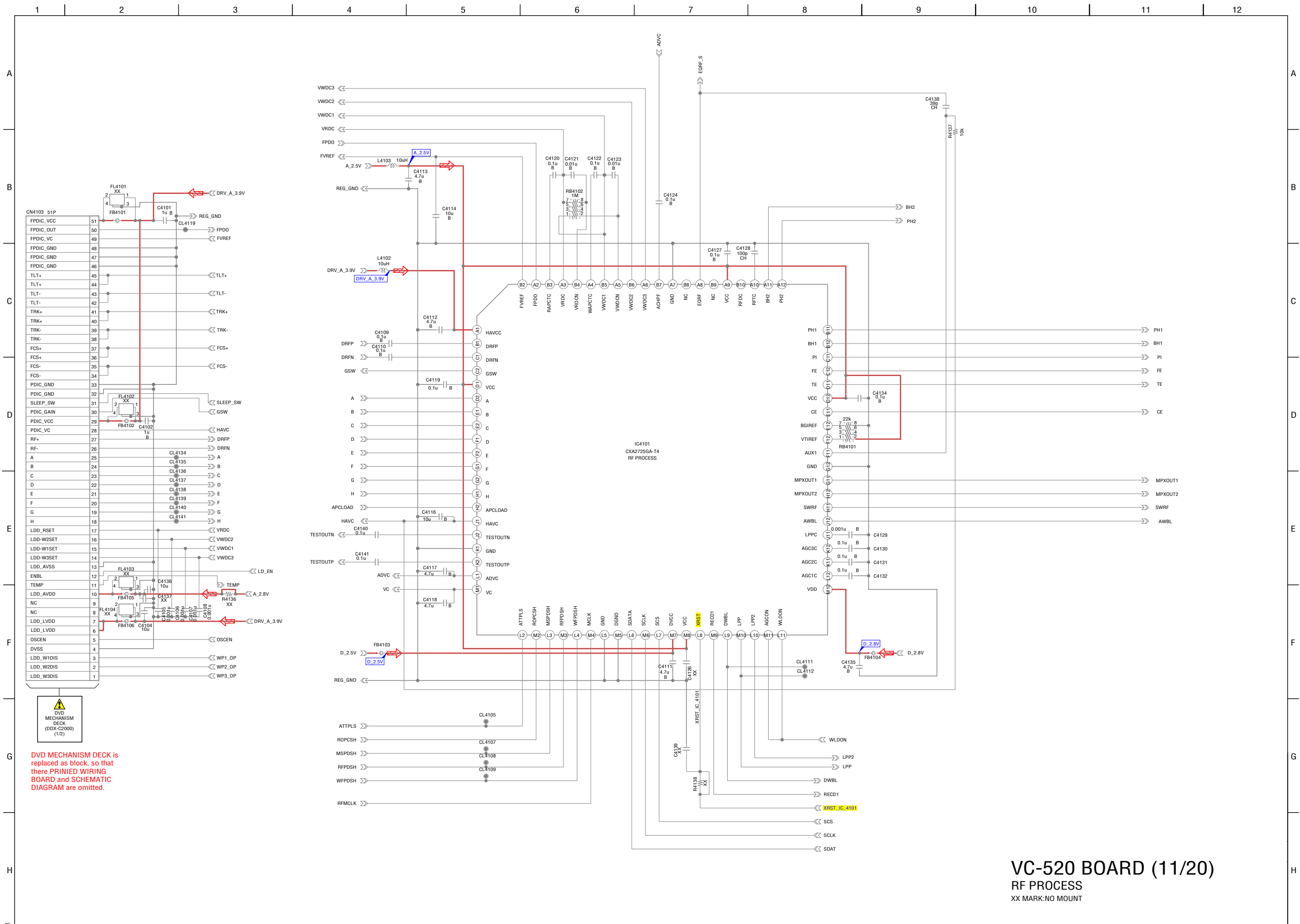




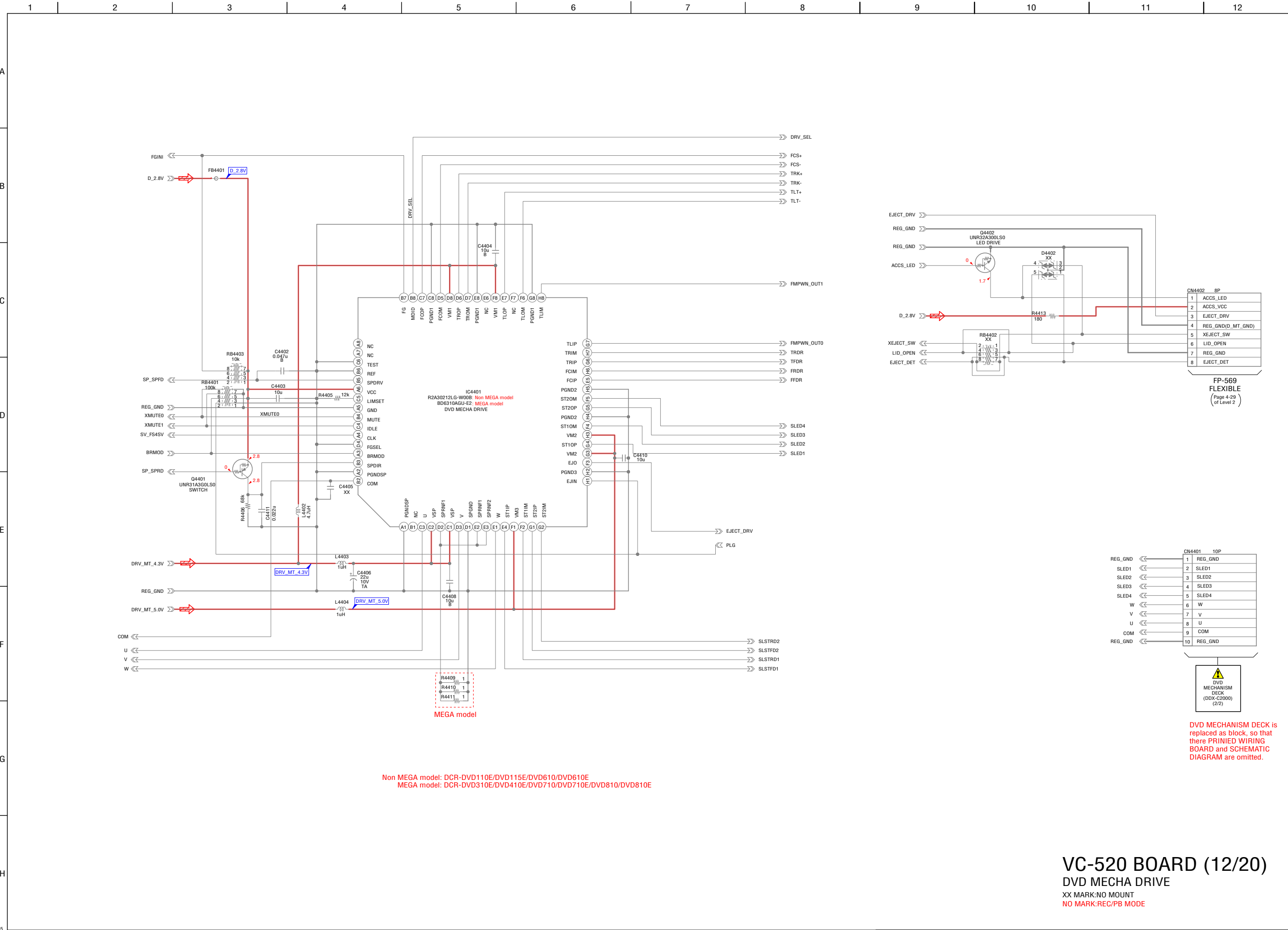


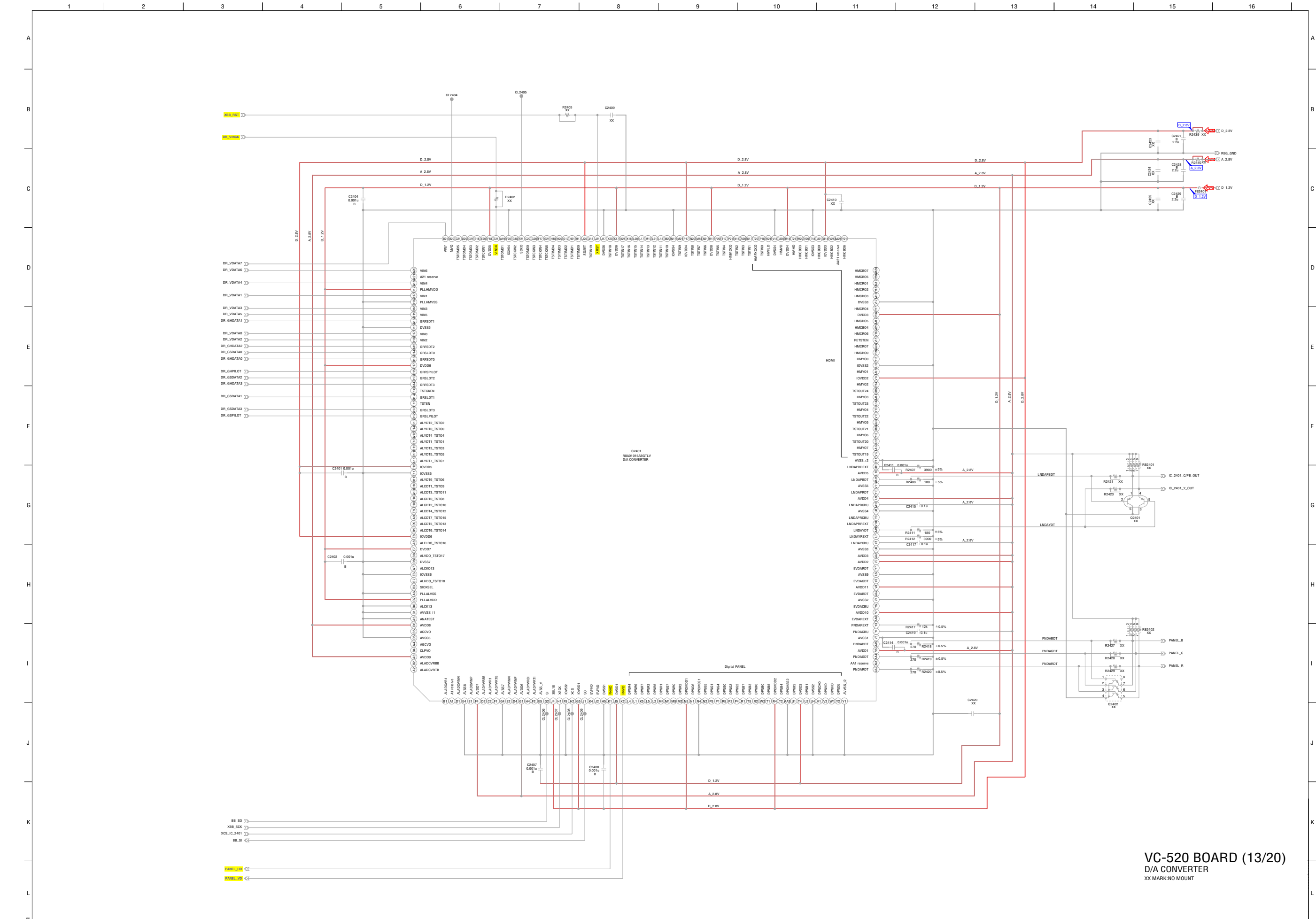


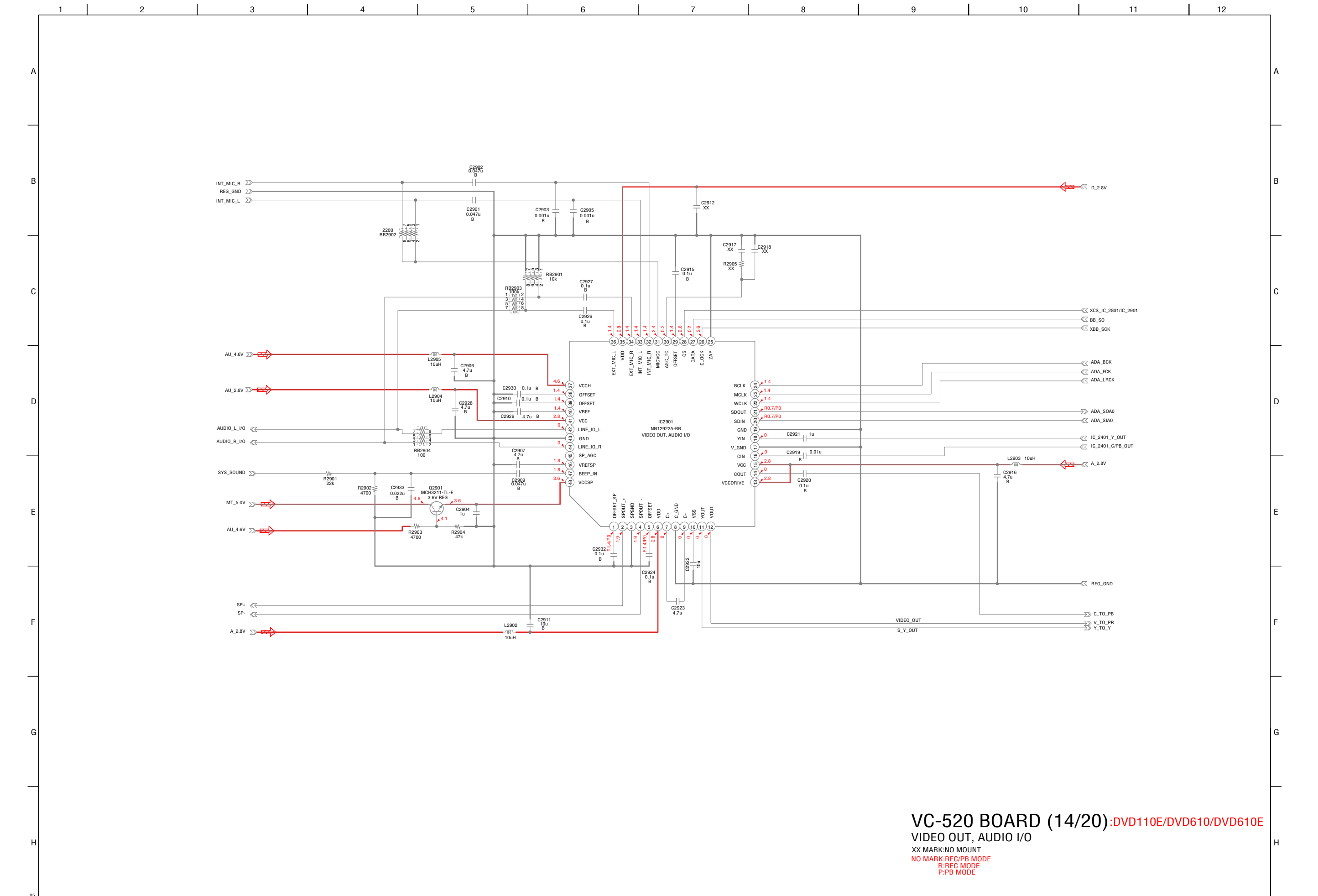
- Refer to page 4-2 (English), 4-3 (Japanese) for mark $\triangle$.

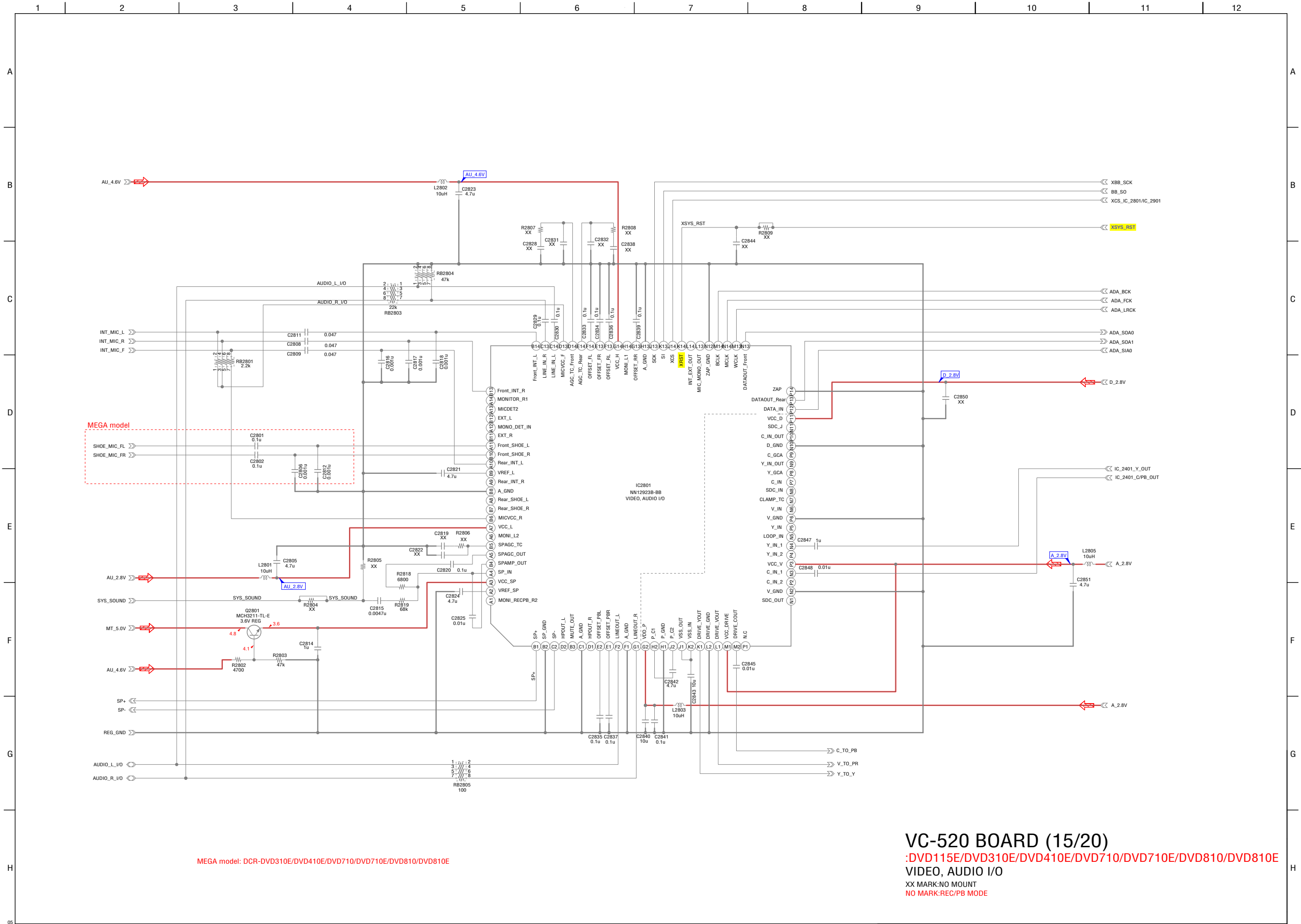


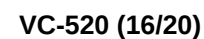
• Refer to page 4-2 (English), 4-3 (Japanese) for mark ▲.

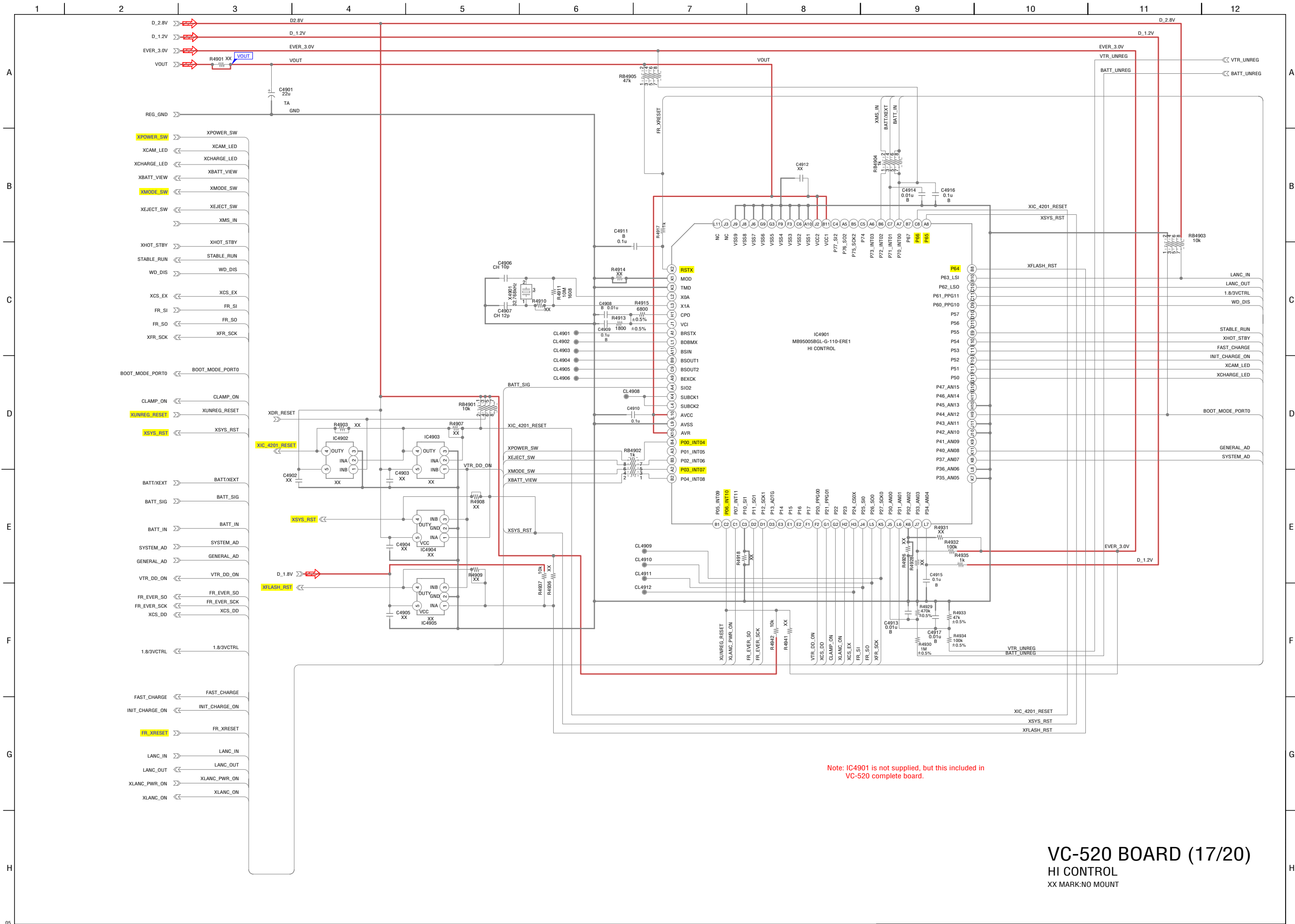






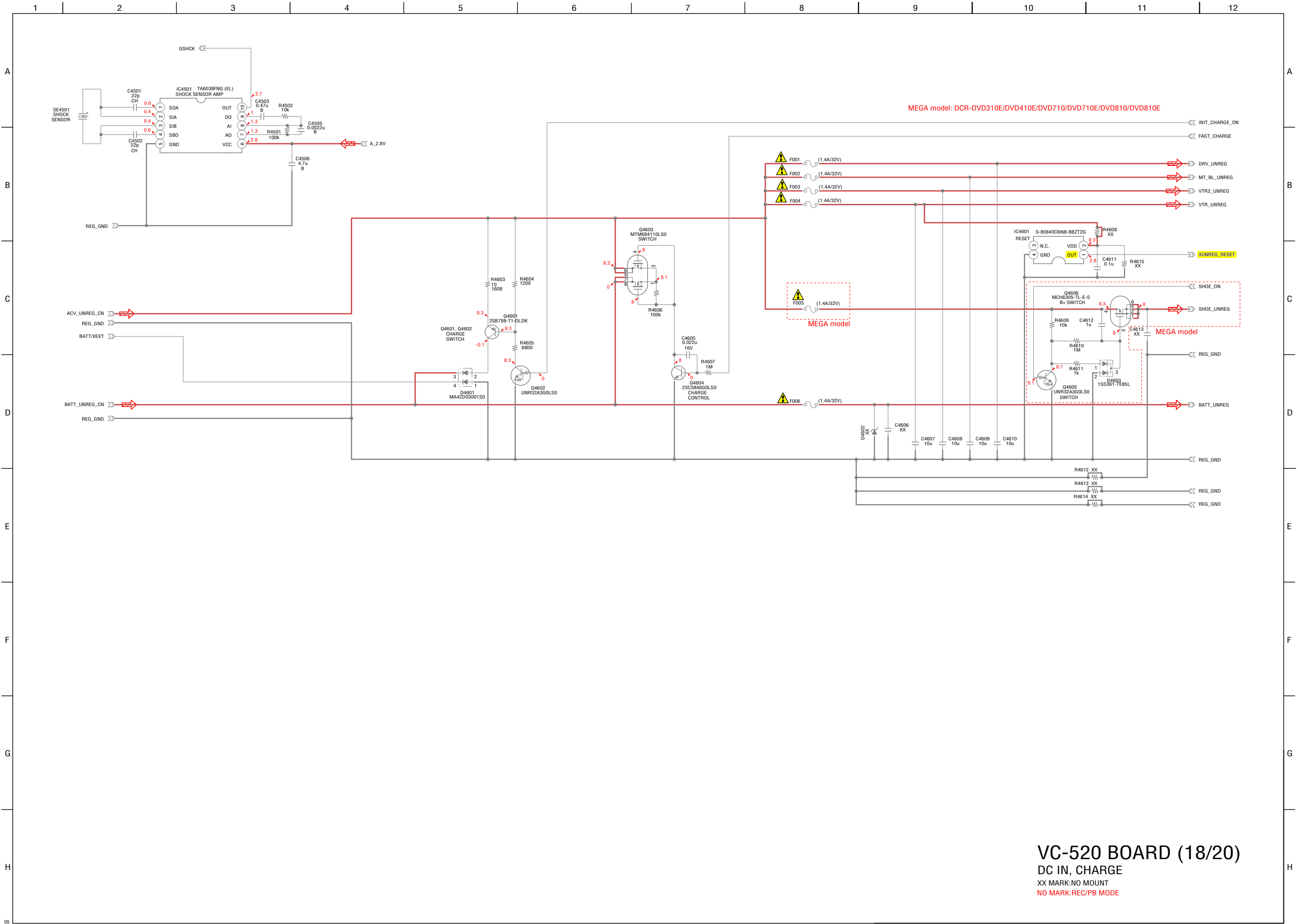


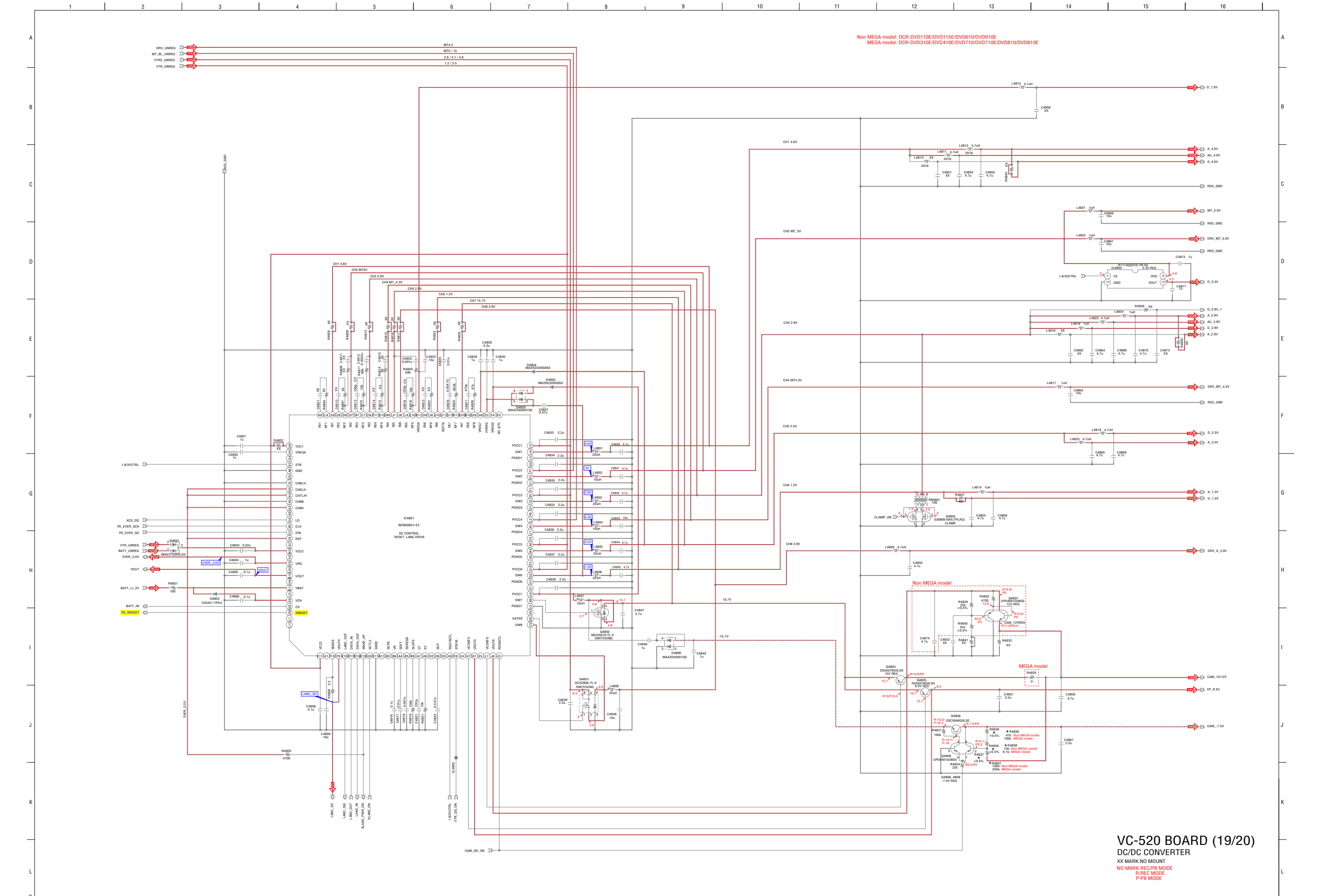


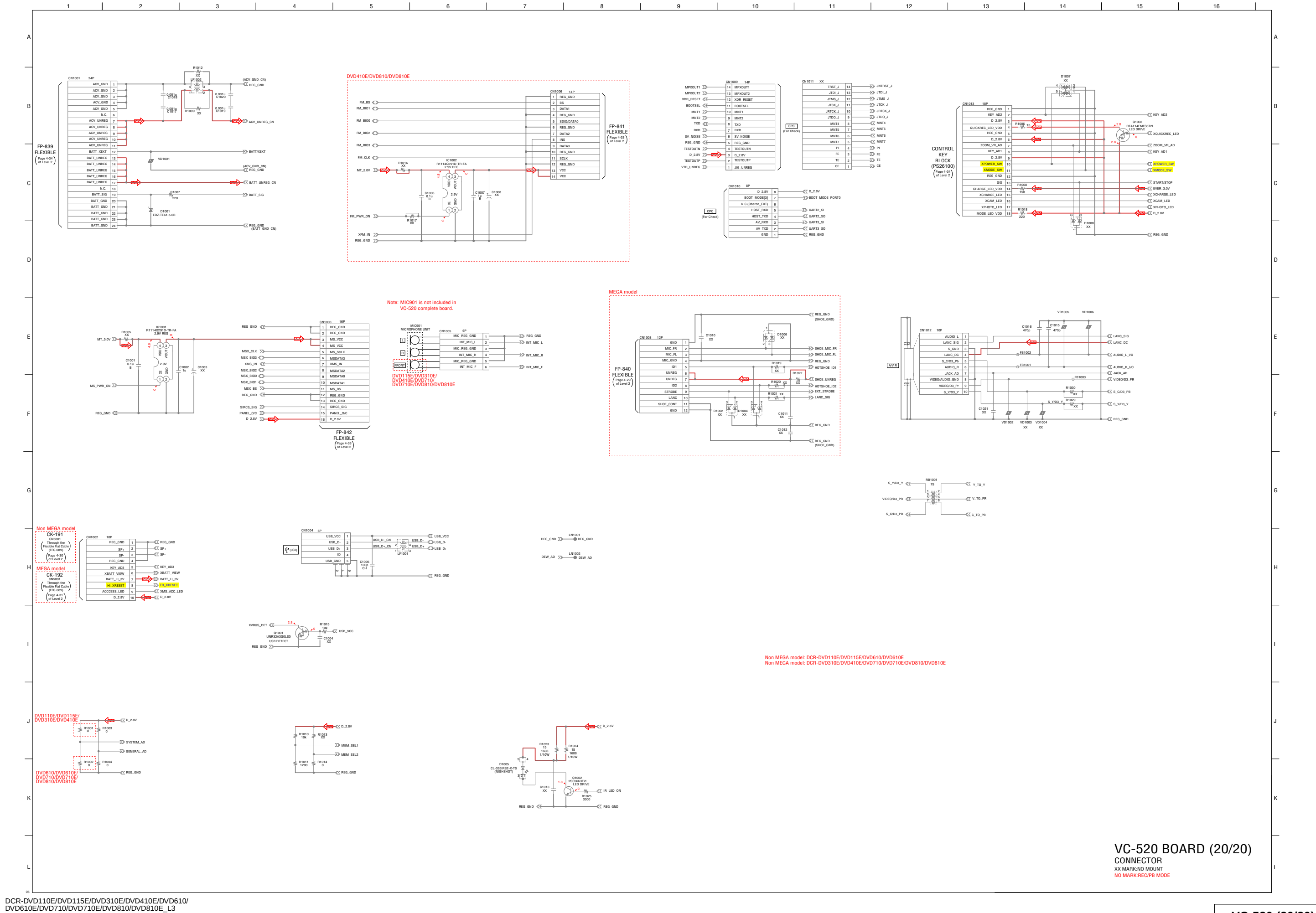


VC-520 BOARD (17/20)
HI CONTROL
XX MARK:NO MOUNT

• Refer to page 4-2 (English), 4-3 (Japanese) for mark △.







4-3. PRINTED WIRING BOARDS

Link

● [VC-520 BOARD \(SIDE A\)](#)

● [VC-520 BOARD \(SIDE B\)](#)

● [COMMON NOTE FOR PRINTED WIRING BOARDS](#)

4-3. PRINTED WIRING BOARDS

4-3. PRINTED WIRING BOARDS

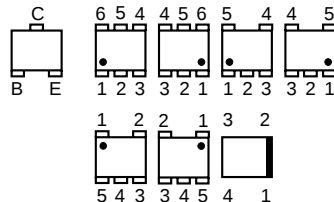
(ENGLISH)

THIS NOTE IS COMMON FOR PRINTED WIRING BOARDS

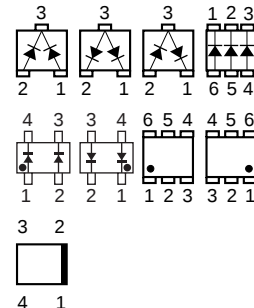
-  : Uses unleaded solder.
-  : Circuit board
-  : Flexible board
-  : Pattern from the side which enables seeing.
-  : pattern of the rear side
(The other layers' patterns are not indicated)
- Through hole is omitted.
- There are a few cases that the part printed on diagram isn't mounted in this model.
-  : panel designation

- Chip parts.

Transistor



Diode



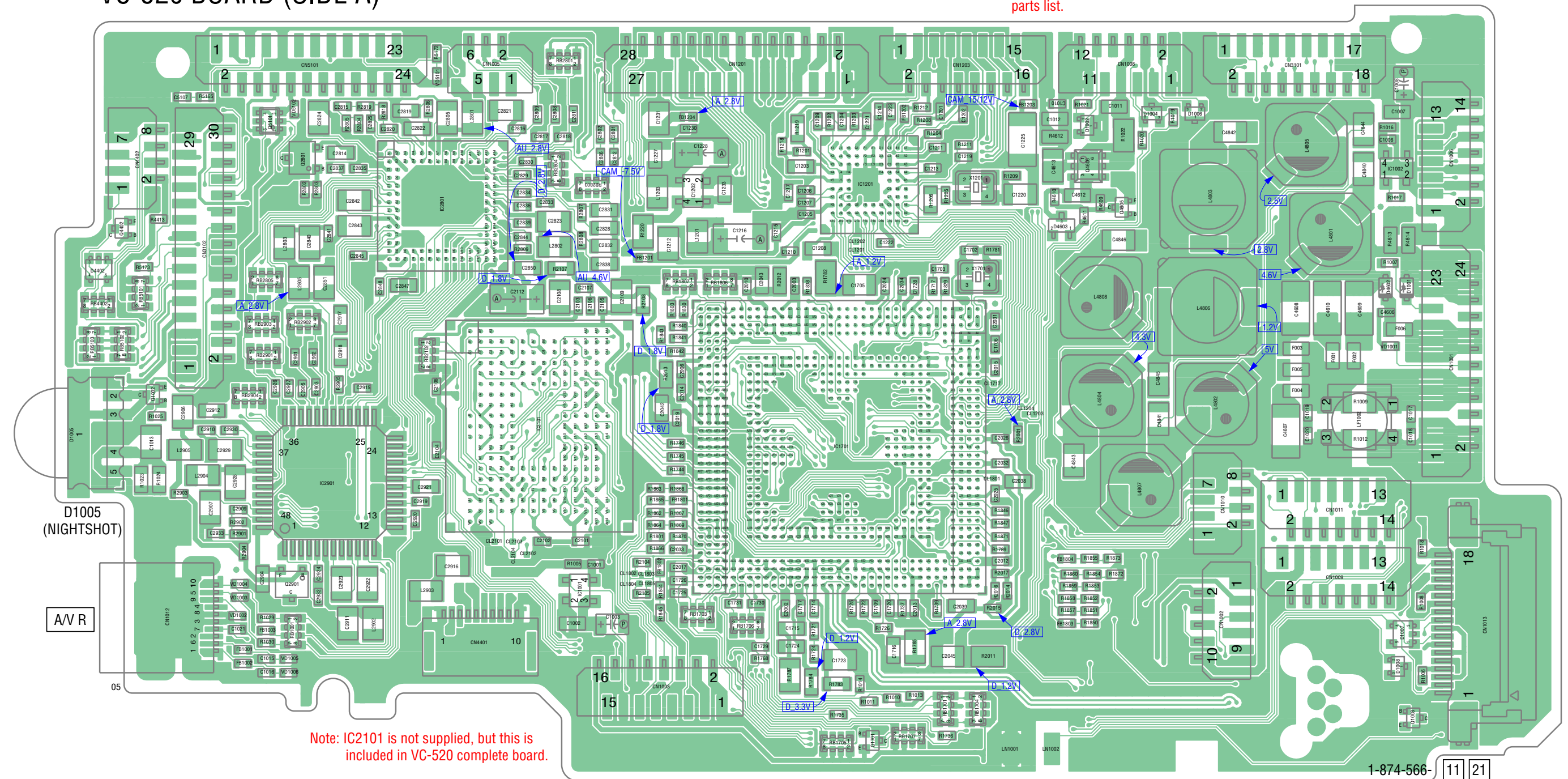
(JAPANESE)

プリント図共通ノート

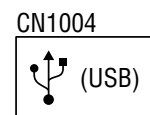
【プリント図ノート】

-  : 無鉛半田を使用しています。
-  : 基板
-  : フレキシブル配線板
-  : 見ている面側のパターン。
-  : 裏側のパターン
(他のパターンについては表示されていません)
- スルーホールは省略。
- プリント図には、本機で使用していない部品が記載されている場合があります。
-  はパネル表示名称。

Note: LF1002, R1009 and R1012 have the same mount location. When you replace, since either LF1002 or R1009 and R1012 are used, please refer to schematic diagram and electrical parts list.



Note: IC4301 and IC4303 have the same mounted location.
When you replace, since either IC4301 or IC4303 are used,
please refer to schematic diagram and electrical parts list.



Note: IC4302 and IC4901 are not supplied, but they are included in VC-520 complete board.

5. REPAIR PARTS LIST

(ENGLISH)

NOTE:

- -XX, -X mean standardized parts, so they may have some differences from the original one.
- Items marked “*” are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- The mechanical parts with no reference number in the exploded views are not supplied.
- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- CAPACITORS:
uF: μ F
- COILS
uH: μ H
- RESISTORS
All resistors are in ohms.
METAL: metal-film resistor
METAL OXIDE: Metal Oxide-film resistor
F: nonflammable
- SEMICONDUCTORS
In each case, u: μ , for example:
uA...: μ A..., uPA..., μ PA...,
uPB..., μ PB..., uPC..., μ PC...,
uPD..., μ PD...

When indicating parts by reference number, please include the board name.

The components identified by mark $\triangle$ or dotted line with mark $\triangle$ are critical for safety. Replace only with part number specified.

Les composants identifiés par une marque $\triangle$ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

- Color Indication of Appearance Parts
Example:
(SILVER) : Cabinet's Color
(Silver) : Parts Color

(JAPANESE)

【使用上の注意】

- ここに記載されている部品は、補修用部品であるため、回路図及びセットに付いている部品と異なる場合があります。
- -XX, -Xは標準化部品のため、セットに付いている部品と異なる場合があります。
- *印の部品は常備在庫しておりません。
- コンデンサの単位でuFは μ Fを示します。
- 抵抗の単位 Ω は省略してあります。
金 被：金属被膜抵抗。
サンキン：酸化金属被膜抵抗。
- インダクタの単位でuHは μ Hを示します。
- 半導体の名称でuA..., uPA..., uPB..., uPC..., uPD...等はそれぞれ μ A..., μ PA..., μ PB..., μ PC..., μ PD...を示します。

お願い
図面番号で部品を指定するときは基板名又はブロックを併せて指定してください。

$\triangle$ 印の部品、または $\triangle$ 印付の点線で囲まれた部品は、安全性を維持するために、重要な部品です。従って交換時は、必ず指定の部品を使用してください。

- 外装部品色表示
例：
(SILVER):セットの色を表す。
(Silver) : 部品の色を表す。

- Abbreviation
AR : Argentine model
AUS : Australian model
BR : Brazilian model
CH : Chinese model
CND : Canadian model
EE : East European model
HK : Hong Kong model
J : Japanese model
JE : Tourist model
KR : Korea model
NE : North European model

5-2. ELECTRICAL PARTS LIST

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
A-1439-718-A	VC-520 BOARD, COMPLETE (SERVICE)	(DVD110E)	C1231	1-127-760-11	CERAMIC CHIP 4.7uF 10% 6.3V
A-1439-719-A	VC-520 BOARD, COMPLETE (SERVICE)	(DVD115E)	C1233	1-165-908-11	CERAMIC CHIP 1uF 10% 10V
A-1439-720-A	VC-520 BOARD, COMPLETE (SERVICE)	(DVD610/DVD610E)	C1702	1-164-937-11	CERAMIC CHIP 0.001uF 10% 50V
A-1439-739-A	VC-520 BOARD, COMPLETE (SERVICE)	(DVD310E)	C1703	1-164-850-11	CERAMIC CHIP 10PF 0.5PF 50V
A-1439-741-A	VC-520 BOARD, COMPLETE (SERVICE)	(DVD710)	C1705	1-127-760-11	CERAMIC CHIP 4.7uF 10% 6.3V
A-1439-742-A	VC-520 BOARD, COMPLETE (SERVICE)	(DVD710E)	C1706	1-164-937-11	CERAMIC CHIP 0.001uF 10% 50V
A-1439-744-A	VC-520 BOARD, COMPLETE (SERVICE)	(DVD410E)	C1709	1-164-937-11	CERAMIC CHIP 0.001uF 10% 50V
A-1439-745-A	VC-520 BOARD, COMPLETE (SERVICE)	(DVD810)	C1714	1-164-937-11	CERAMIC CHIP 0.001uF 10% 50V
A-1439-746-A	VC-520 BOARD, COMPLETE (SERVICE)	(DVD810E)	C1715	1-165-908-11	CERAMIC CHIP 1uF 10% 10V
*****			C1716	1-165-908-11	CERAMIC CHIP 1uF 10% 10V
(IC2101, IC4302 and IC4901 are not supplied, but they are included in VC-520 complete board.)			C1717	1-164-937-11	CERAMIC CHIP 0.001uF 10% 50V
< CAPACITOR >			C1720	1-100-567-81	CERAMIC CHIP 0.01uF 10% 25V
C1001	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V	C1723	1-127-760-11	CERAMIC CHIP 4.7uF 10% 6.3V
C1002	1-165-908-11	CERAMIC CHIP 1uF 10% 10V	C1724	1-165-908-11	CERAMIC CHIP 1uF 10% 10V
C1005	1-164-874-11	CERAMIC CHIP 100PF 5% 50V	C1725	1-100-567-81	CERAMIC CHIP 0.01uF 10% 25V
C1006	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V	(DVD310E/DVD410E/DVD710/DVD710E/DVD810/DVD810E)		
C1007	1-165-908-11	CERAMIC CHIP 1uF 10% 10V	C1726	1-100-567-81	CERAMIC CHIP 0.01uF 10% 25V
(DVD410E/DVD810/DVD810E)			(DVD310E/DVD410E/DVD710/DVD710E/DVD810/DVD810E)		
C1015	1-164-935-11	CERAMIC CHIP 470PF 10% 50V	C1728	1-164-937-11	CERAMIC CHIP 0.001uF 10% 50V
C1016	1-164-935-11	CERAMIC CHIP 470PF 10% 50V	C1729	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C1017	1-164-937-11	CERAMIC CHIP 0.001uF 10% 50V	C1730	1-100-567-81	CERAMIC CHIP 0.01uF 10% 25V
C1018	1-164-937-11	CERAMIC CHIP 0.001uF 10% 50V	(DVD310E/DVD410E/DVD710/DVD710E/DVD810/DVD810E)		
C1019	1-164-937-11	CERAMIC CHIP 0.001uF 10% 50V	C1731	1-100-567-81	CERAMIC CHIP 0.01uF 10% 25V
C1020	1-164-937-11	CERAMIC CHIP 0.001uF 10% 50V	(DVD310E/DVD410E/DVD710/DVD710E/DVD810/DVD810E)		
C1201	1-164-866-11	CERAMIC CHIP 47PF 5% 50V	C2002	1-164-937-11	CERAMIC CHIP 0.001uF 10% 50V
C1202	1-164-866-11	CERAMIC CHIP 47PF 5% 50V	C2003	1-164-937-11	CERAMIC CHIP 0.001uF 10% 50V
C1203	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	C2006	1-164-937-11	CERAMIC CHIP 0.001uF 10% 50V
C1204	1-164-937-11	CERAMIC CHIP 0.001uF 10% 50V	C2010	1-164-937-11	CERAMIC CHIP 0.001uF 10% 50V
C1205	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V	C2012	1-164-937-11	CERAMIC CHIP 0.001uF 10% 50V
C1206	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V	C2013	1-164-937-11	CERAMIC CHIP 0.001uF 10% 50V
C1207	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V	C2014	1-164-937-11	CERAMIC CHIP 0.001uF 10% 50V
C1208	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	C2015	1-164-937-11	CERAMIC CHIP 0.001uF 10% 50V
C1209	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V	C2017	1-164-937-11	CERAMIC CHIP 0.001uF 10% 50V
C1211	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V	C2019	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C1212	1-112-300-91	CERAMIC CHIP 4.7uF 10% 10V	C2024	1-164-937-11	CERAMIC CHIP 0.001uF 10% 50V
C1213	1-100-567-81	CERAMIC CHIP 0.01uF 10% 25V	C2025	1-164-937-11	CERAMIC CHIP 0.001uF 10% 50V
(DVD710/DVD810)			C2026	1-164-937-11	CERAMIC CHIP 0.001uF 10% 50V
C1213	1-164-937-11	CERAMIC CHIP 0.001uF 10% 50V	C2031	1-164-937-11	CERAMIC CHIP 0.001uF 10% 50V
(EXCEPT DVD710/DVD810)			C2032	1-164-937-11	CERAMIC CHIP 0.001uF 10% 50V
C1214	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V	C2033	1-164-937-11	CERAMIC CHIP 0.001uF 10% 50V
C1216	1-119-750-11	TANTAL. CHIP 22uF 20% 6.3V	C2034	1-164-937-11	CERAMIC CHIP 0.001uF 10% 50V
C1220	1-127-760-11	CERAMIC CHIP 4.7uF 10% 6.3V	C2038	1-165-884-11	CERAMIC CHIP 2.2uF 10% 6.3V
C1221	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V	C2039	1-165-884-11	CERAMIC CHIP 2.2uF 10% 6.3V
C1222	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V	C2042	1-165-884-11	CERAMIC CHIP 2.2uF 10% 6.3V
C1225	1-127-820-11	CERAMIC CHIP 4.7uF 10% 16V	C2043	1-165-884-11	CERAMIC CHIP 2.2uF 10% 6.3V
C1227	1-165-908-11	CERAMIC CHIP 1uF 10% 10V	C2045	1-127-760-11	CERAMIC CHIP 4.7uF 10% 6.3V
C1228	1-119-750-11	TANTAL. CHIP 22uF 20% 6.3V	C2101	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
			C2102	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
			C2103	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
			C2104	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
			C2105	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
			C2106	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
			C2109	1-127-760-11	CERAMIC CHIP 4.7uF 10% 6.3V

Ref. No.	Part No.	Description
C2112	1-131-862-91	TANTAL. CHIP 47uF 20% 4V
C2401	1-164-937-11	CERAMIC CHIP 0.001uF 10% 50V
C2402	1-164-937-11	CERAMIC CHIP 0.001uF 10% 50V
C2404	1-164-937-11	CERAMIC CHIP 0.001uF 10% 50V
C2407	1-164-937-11	CERAMIC CHIP 0.001uF 10% 50V
C2408	1-164-937-11	CERAMIC CHIP 0.001uF 10% 50V
C2411	1-164-937-11	CERAMIC CHIP 0.001uF 10% 50V
C2414	1-164-937-11	CERAMIC CHIP 0.001uF 10% 50V
C2415	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C2417	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C2419	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C2427	1-125-889-11	CERAMIC CHIP 2.2uF 10% 10V
C2428	1-125-889-11	CERAMIC CHIP 2.2uF 10% 10V
C2429	1-125-889-11	CERAMIC CHIP 2.2uF 10% 10V
C2801	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V (DVD310E/DVD410E/DVD710/DVD710E/ DVD810/DVD810E)
C2802	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V (DVD310E/DVD410E/DVD710/DVD710E/ DVD810/DVD810E)
C2805	1-127-760-11	CERAMIC CHIP 4.7uF 10% 6.3V (DVD115E/DVD310E/DVD410E/DVD710/ DVD710E/DVD810/DVD810E)
C2806	1-164-937-11	CERAMIC CHIP 0.001uF 10% 50V (DVD310E/DVD410E/DVD710/DVD710E/ DVD810/DVD810E)
C2808	1-119-923-11	CERAMIC CHIP 0.047uF 10% 10V (DVD115E/DVD310E/DVD410E/DVD710/ DVD710E/DVD810/DVD810E)
C2809	1-119-923-11	CERAMIC CHIP 0.047uF 10% 10V (DVD115E/DVD310E/DVD410E/DVD710/ DVD710E/DVD810/DVD810E)
C2811	1-119-923-11	CERAMIC CHIP 0.047uF 10% 10V (DVD115E/DVD310E/DVD410E/DVD710/ DVD710E/DVD810/DVD810E)
C2812	1-164-937-11	CERAMIC CHIP 0.001uF 10% 50V (DVD310E/DVD410E/DVD710/DVD710E/ DVD810/DVD810E)
C2814	1-165-908-11	CERAMIC CHIP 1uF 10% 10V (DVD115E/DVD310E/DVD410E/DVD710/ DVD710E/DVD810/DVD810E)
C2815	1-100-581-81	CERAMIC CHIP 0.0047uF 10% 50V (DVD115E/DVD310E/DVD410E/DVD710/ DVD710E/DVD810/DVD810E)
C2816	1-164-937-11	CERAMIC CHIP 0.001uF 10% 50V (DVD115E/DVD310E/DVD410E/DVD710/ DVD710E/DVD810/DVD810E)
C2817	1-164-937-11	CERAMIC CHIP 0.001uF 10% 50V (DVD115E/DVD310E/DVD410E/DVD710/ DVD710E/DVD810/DVD810E)
C2818	1-164-937-11	CERAMIC CHIP 0.001uF 10% 50V (DVD115E/DVD310E/DVD410E/DVD710/ DVD710E/DVD810/DVD810E)
C2820	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V (DVD115E/DVD310E/DVD410E/DVD710/ DVD710E/DVD810/DVD810E)
C2821	1-127-760-11	CERAMIC CHIP 4.7uF 10% 6.3V (DVD115E/DVD310E/DVD410E/DVD710/ DVD710E/DVD810/DVD810E)
C2823	1-127-760-11	CERAMIC CHIP 4.7uF 10% 6.3V (DVD115E/DVD310E/DVD410E/DVD710/ DVD710E/DVD810/DVD810E)

Ref. No.	Part No.	Description
C2824	1-127-760-11	CERAMIC CHIP 4.7uF 10% 6.3V (DVD115E/DVD310E/DVD410E/DVD710/ DVD710E/DVD810/DVD810E)
C2825	1-100-567-81	CERAMIC CHIP 0.01uF 10% 25V (DVD115E/DVD310E/DVD410E/DVD710/ DVD710E/DVD810/DVD810E)
C2829	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V (DVD115E/DVD310E/DVD410E/DVD710/ DVD710E/DVD810/DVD810E)
C2830	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V (DVD115E/DVD310E/DVD410E/DVD710/ DVD710E/DVD810/DVD810E)
C2833	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V (DVD115E/DVD310E/DVD410E/DVD710/ DVD710E/DVD810/DVD810E)
C2834	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V (DVD115E/DVD310E/DVD410E/DVD710/ DVD710E/DVD810/DVD810E)
C2835	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V (DVD115E/DVD310E/DVD410E/DVD710/ DVD710E/DVD810/DVD810E)
C2836	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V (DVD115E/DVD310E/DVD410E/DVD710/ DVD710E/DVD810/DVD810E)
C2837	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V (DVD115E/DVD310E/DVD410E/DVD710/ DVD710E/DVD810/DVD810E)
C2839	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V (DVD115E/DVD310E/DVD410E/DVD710/ DVD710E/DVD810/DVD810E)
C2840	1-165-989-11	CERAMIC CHIP 10uF 10% 6.3V (DVD115E/DVD310E/DVD410E/DVD710/ DVD710E/DVD810/DVD810E)
C2841	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V (DVD115E/DVD310E/DVD410E/DVD710/ DVD710E/DVD810/DVD810E)
C2842	1-127-760-11	CERAMIC CHIP 4.7uF 10% 6.3V (DVD115E/DVD310E/DVD410E/DVD710/ DVD710E/DVD810/DVD810E)
C2843	1-165-989-11	CERAMIC CHIP 10uF 10% 6.3V (DVD115E/DVD310E/DVD410E/DVD710/ DVD710E/DVD810/DVD810E)
C2845	1-100-567-81	CERAMIC CHIP 0.01uF 10% 25V (DVD115E/DVD310E/DVD410E/DVD710/ DVD710E/DVD810/DVD810E)
C2847	1-165-908-11	CERAMIC CHIP 1uF 10% 10V (DVD115E/DVD310E/DVD410E/DVD710/ DVD710E/DVD810/DVD810E)
C2848	1-100-567-81	CERAMIC CHIP 0.01uF 10% 25V (DVD115E/DVD310E/DVD410E/DVD710/ DVD710E/DVD810/DVD810E)
C2851	1-127-760-11	CERAMIC CHIP 4.7uF 10% 6.3V (DVD115E/DVD310E/DVD410E/DVD710/ DVD710E/DVD810/DVD810E)
C2901	1-119-923-11	CERAMIC CHIP 0.047uF 10% 10V (DVD110E/DVD610/DVD610E)
C2902	1-119-923-11	CERAMIC CHIP 0.047uF 10% 10V (DVD110E/DVD610/DVD610E)
C2903	1-164-937-11	CERAMIC CHIP 0.001uF 10% 50V (DVD110E/DVD610/DVD610E)
C2904	1-165-908-11	CERAMIC CHIP 1uF 10% 10V (DVD110E/DVD610/DVD610E)
C2905	1-164-937-11	CERAMIC CHIP 0.001uF 10% 50V (DVD110E/DVD610/DVD610E)

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
C2906	1-127-760-11	CERAMIC CHIP 4.7uF 10% 6.3V (DVD110E/DVD610/DVD610E)	C4108	1-164-937-11	CERAMIC CHIP 0.001uF 10% 50V
C2907	1-127-760-11	CERAMIC CHIP 4.7uF 10% 6.3V (DVD110E/DVD610/DVD610E)	C4109	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C2909	1-119-923-11	CERAMIC CHIP 0.047uF 10% 10V (DVD110E/DVD610/DVD610E)	C4110	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C2910	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V (DVD110E/DVD610/DVD610E)	C4111	1-127-760-11	CERAMIC CHIP 4.7uF 10% 6.3V
C2911	1-165-989-11	CERAMIC CHIP 10uF 10% 6.3V (DVD110E/DVD610/DVD610E)	C4112	1-127-760-11	CERAMIC CHIP 4.7uF 10% 6.3V
C2915	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V (DVD110E/DVD610/DVD610E)	C4113	1-127-760-11	CERAMIC CHIP 4.7uF 10% 6.3V
C2916	1-127-760-11	CERAMIC CHIP 4.7uF 10% 6.3V (DVD110E/DVD610/DVD610E)	C4114	1-165-989-11	CERAMIC CHIP 10uF 10% 6.3V
C2919	1-100-567-81	CERAMIC CHIP 0.01uF 10% 25V (DVD110E/DVD610/DVD610E)	C4116	1-165-989-11	CERAMIC CHIP 10uF 10% 6.3V
C2920	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V (DVD110E/DVD610/DVD610E)	C4117	1-127-760-11	CERAMIC CHIP 4.7uF 10% 6.3V
C2921	1-165-908-11	CERAMIC CHIP 1uF 10% 10V (DVD110E/DVD610/DVD610E)	C4118	1-127-760-11	CERAMIC CHIP 4.7uF 10% 6.3V
C2922	1-165-989-11	CERAMIC CHIP 10uF 10% 6.3V (DVD110E/DVD610/DVD610E)	C4119	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C2923	1-127-760-11	CERAMIC CHIP 4.7uF 10% 6.3V (DVD110E/DVD610/DVD610E)	C4120	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C2924	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V (DVD110E/DVD610/DVD610E)	C4121	1-100-567-81	CERAMIC CHIP 0.01uF 10% 25V
C2926	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V (DVD110E/DVD610/DVD610E)	C4122	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C2927	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V (DVD110E/DVD610/DVD610E)	C4123	1-100-567-81	CERAMIC CHIP 0.01uF 10% 25V
C2928	1-127-760-11	CERAMIC CHIP 4.7uF 10% 6.3V (DVD110E/DVD610/DVD610E)	C4124	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C2929	1-127-760-11	CERAMIC CHIP 4.7uF 10% 6.3V (DVD110E/DVD610/DVD610E)	C4127	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C2930	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V (DVD110E/DVD610/DVD610E)	C4128	1-164-874-11	CERAMIC CHIP 100PF 5% 50V
C2932	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V (DVD110E/DVD610/DVD610E)	C4129	1-164-937-11	CERAMIC CHIP 0.001uF 10% 50V
C2933	1-107-819-11	CERAMIC CHIP 0.022uF 10% 16V (DVD110E/DVD610/DVD610E)	C4130	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C3101	1-100-567-81	CERAMIC CHIP 0.01uF 10% 25V	C4131	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C3102	1-100-567-81	CERAMIC CHIP 0.01uF 10% 25V	C4132	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C3103	1-100-567-81	CERAMIC CHIP 0.01uF 10% 25V	C4134	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C3104	1-165-908-11	CERAMIC CHIP 1uF 10% 10V	C4135	1-127-760-11	CERAMIC CHIP 4.7uF 10% 6.3V
C3105	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V	C4136	1-165-989-11	CERAMIC CHIP 10uF 10% 6.3V
* C3106	1-100-741-81	CERAMIC CHIP 560PF 5% 50V	C4138	1-164-864-11	CERAMIC CHIP 39PF 5% 50V
C3108	1-165-989-11	CERAMIC CHIP 10uF 10% 6.3V	C4140	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C3110	1-127-760-11	CERAMIC CHIP 4.7uF 10% 6.3V	C4141	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C3112	1-125-889-11	CERAMIC CHIP 2.2uF 10% 10V	C4201	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C3113	1-127-760-11	CERAMIC CHIP 4.7uF 10% 6.3V	C4202	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C3115	1-165-989-11	CERAMIC CHIP 10uF 10% 6.3V	C4203	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C3116	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V	C4204	1-100-567-81	CERAMIC CHIP 0.01uF 10% 25V
C3118	1-165-989-11	CERAMIC CHIP 10uF 10% 6.3V	C4205	1-164-850-11	CERAMIC CHIP 10PF 0.5PF 50V
C3120	1-100-567-81	CERAMIC CHIP 0.01uF 10% 25V	C4206	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C3121	1-127-760-11	CERAMIC CHIP 4.7uF 10% 6.3V	C4207	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C4101	1-165-908-11	CERAMIC CHIP 1uF 10% 10V	C4208	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C4102	1-165-908-11	CERAMIC CHIP 1uF 10% 10V	C4209	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C4104	1-165-989-11	CERAMIC CHIP 10uF 10% 6.3V	C4210	1-165-989-11	CERAMIC CHIP 10uF 10% 6.3V
C4105	1-164-937-11	CERAMIC CHIP 0.001uF 10% 50V	C4211	1-165-989-11	CERAMIC CHIP 10uF 10% 6.3V
C4106	1-164-937-11	CERAMIC CHIP 0.001uF 10% 50V	C4212	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C4107	1-164-937-11	CERAMIC CHIP 0.001uF 10% 50V	C4213	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
			C4214	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
			C4215	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
			C4216	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
			C4217	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
			C4218	1-164-937-11	CERAMIC CHIP 0.001uF 10% 50V
			C4219	1-164-850-11	CERAMIC CHIP 10PF 0.5PF 50V
			C4222	1-164-850-11	CERAMIC CHIP 10PF 0.5PF 50V
			C4223	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
			C4225	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
			C4226	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
			C4227	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
			C4228	1-107-819-11	CERAMIC CHIP 0.022uF 10% 16V
			C4229	1-107-819-11	CERAMIC CHIP 0.022uF 10% 16V
			C4230	1-107-819-11	CERAMIC CHIP 0.022uF 10% 16V
			C4231	1-164-882-11	CERAMIC CHIP 220PF 5% 16V
			C4232	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V

Ref. No.	Part No.	Description			
C4236	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C4237	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C4238	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C4240	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V
C4246	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C4248	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C4249	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V
C4250	1-125-891-11	CERAMIC CHIP	0.47uF	10%	10V
C4301	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C4302	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C4303	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C4304	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C4305	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C4310	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C4311	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C4402	1-119-923-11	CERAMIC CHIP	0.047uF	10%	10V
C4403	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V
C4404	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V
C4406	1-165-897-11	TANTAL. CHIP	22uF	20%	10V
C4408	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V
C4410	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V
C4411	1-107-819-11	CERAMIC CHIP	0.022uF	10%	16V
C4501	1-164-858-11	CERAMIC CHIP	22PF	5%	50V
C4502	1-164-858-11	CERAMIC CHIP	22PF	5%	50V
C4503	1-125-891-11	CERAMIC CHIP	0.47uF	10%	10V
C4505	1-164-939-11	CERAMIC CHIP	0.0022uF	10%	50V
C4506	1-127-760-11	CERAMIC CHIP	4.7uF	10%	6.3V
C4605	1-107-819-11	CERAMIC CHIP	0.022uF	10%	16V
C4607	1-165-875-11	CERAMIC CHIP	10uF	10%	10V
C4608	1-165-875-11	CERAMIC CHIP	10uF	10%	10V
C4609	1-165-875-11	CERAMIC CHIP	10uF	10%	10V
C4610	1-165-875-11	CERAMIC CHIP	10uF	10%	10V
C4611	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C4612	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
(DVD310E/DVD410E/DVD710/DVD710E/DVD810/DVD810E)					
C4801	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C4802	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C4803	1-127-715-11	CERAMIC CHIP	0.22uF	10%	16V
C4804	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C4805	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C4806	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C4808	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C4809	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V
C4812	1-164-874-11	CERAMIC CHIP	100PF	5%	50V
C4813	1-164-939-11	CERAMIC CHIP	0.0022uF	10%	50V
C4816	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C4817	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V
C4818	1-164-882-11	CERAMIC CHIP	220PF	5%	16V
C4819	1-119-923-11	CERAMIC CHIP	0.047uF	10%	10V
C4820	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C4821	1-164-933-11	CERAMIC CHIP	220PF	10%	50V
C4822	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V
C4824	1-119-923-11	CERAMIC CHIP	0.047uF	10%	10V
C4825	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V
C4826	1-100-581-81	CERAMIC CHIP	0.0047uF	10%	50V
C4827	1-164-935-11	CERAMIC CHIP	470PF	10%	50V
C4828	1-165-908-11	CERAMIC CHIP	1uF	10%	10V

Ref. No.	Part No.	Description			
C4829	1-127-861-11	CERAMIC CHIP	2.2uF	10%	16V
C4830	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C4831	1-107-823-11	CERAMIC CHIP	0.47uF	10%	16V
C4832	1-125-889-11	CERAMIC CHIP	2.2uF	10%	10V
C4833	1-125-889-11	CERAMIC CHIP	2.2uF	10%	10V
C4834	1-125-889-11	CERAMIC CHIP	2.2uF	10%	10V
C4835	1-125-889-11	CERAMIC CHIP	2.2uF	10%	10V
C4836	1-125-889-11	CERAMIC CHIP	2.2uF	10%	10V
C4837	1-125-889-11	CERAMIC CHIP	2.2uF	10%	10V
C4838	1-125-889-11	CERAMIC CHIP	2.2uF	10%	10V
C4839	1-125-889-11	CERAMIC CHIP	2.2uF	10%	10V
C4840	1-127-760-11	CERAMIC CHIP	4.7uF	10%	6.3V
C4841	1-127-760-11	CERAMIC CHIP	4.7uF	10%	6.3V
C4842	1-127-760-11	CERAMIC CHIP	4.7uF	10%	6.3V
C4843	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V
C4844	1-127-760-11	CERAMIC CHIP	4.7uF	10%	6.3V
C4845	1-127-760-11	CERAMIC CHIP	4.7uF	10%	6.3V
C4846	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V
C4847	1-127-820-11	CERAMIC CHIP	4.7uF	10%	16V
C4848	1-100-591-91	CERAMIC CHIP	1uF	10%	25V
C4849	1-100-591-91	CERAMIC CHIP	1uF	10%	25V
C4850	1-127-760-11	CERAMIC CHIP	4.7uF	10%	6.3V
C4853	1-127-760-11	CERAMIC CHIP	4.7uF	10%	6.3V
C4854	1-127-760-11	CERAMIC CHIP	4.7uF	10%	6.3V
C4855	1-127-760-11	CERAMIC CHIP	4.7uF	10%	6.3V
C4856	1-127-760-11	CERAMIC CHIP	4.7uF	10%	6.3V
C4857	1-125-889-11	CERAMIC CHIP	2.2uF	10%	10V
C4859	1-127-820-11	CERAMIC CHIP	4.7uF	10%	16V
C4861	1-125-889-11	CERAMIC CHIP	2.2uF	10%	10V
C4863	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V
C4864	1-127-760-11	CERAMIC CHIP	4.7uF	10%	6.3V
C4865	1-127-760-11	CERAMIC CHIP	4.7uF	10%	6.3V
C4866	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V
C4867	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V
C4868	1-127-760-11	CERAMIC CHIP	4.7uF	10%	6.3V
C4869	1-127-760-11	CERAMIC CHIP	4.7uF	10%	6.3V
C4870	1-127-760-11	CERAMIC CHIP	4.7uF	10%	6.3V
C4871	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C4872	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C4874	1-127-820-11	CERAMIC CHIP	4.7uF	10%	16V
(DVD110E/DVD115E/DVD610/DVD610E)					
C4901	1-119-750-11	TANTAL. CHIP	22uF	20%	6.3V
C4906	1-164-850-11	CERAMIC CHIP	10PF	0.5PF	50V
C4907	1-164-852-11	CERAMIC CHIP	12PF	5%	50V
C4908	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V
C4909	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C4910	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C4911	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C4913	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V
C4914	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V
C4915	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C4916	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C4917	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V
C5101	1-127-760-11	CERAMIC CHIP	4.7uF	10%	6.3V
C5104	1-113-682-11	TANTAL. CHIP	33uF	20%	10V
C5105	1-125-891-11	CERAMIC CHIP	0.47uF	10%	10V

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
C5106	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V (DVD310E/DVD410E/DVD710/DVD710E/ DVD810/DVD810E)	CN1006	1-815-762-51	CONNECTOR, FFC/FPC 14P (DVD410E/DVD810/DVD810E)
C5301	1-127-715-11	CERAMIC CHIP 0.22uF 10% 16V (DVD310E/DVD410E/DVD710/DVD710E/ DVD810/DVD810E)	CN1008	1-779-330-51	FFC/CONNECTOR, FPC (LIF (NON-ZIF)) 12P (DVD310E/DVD410E/DVD710/DVD710E/ DVD810/DVD810E)
C5302	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V (DVD310E/DVD410E/DVD710/DVD710E/ DVD810/DVD810E)	CN1009	1-815-762-51	CONNECTOR, FFC/FPC 14P
C5303	1-165-908-11	CERAMIC CHIP 1uF 10% 10V (DVD310E/DVD410E/DVD710/DVD710E/ DVD810/DVD810E)	CN1010	1-779-328-51	FFC/CONNECTOR, FPC (LIF (NON-ZIF)) 8P
C5304	1-164-940-11	CERAMIC CHIP 0.0033uF 10% 16V (DVD310E/DVD410E/DVD710/DVD710E/ DVD810/DVD810E)	CN1012	1-815-794-13	CONNECTOR (MULTIPLE) (A/V R)
C5305	1-164-677-11	CERAMIC CHIP 0.033uF 10% 16V (DVD310E/DVD410E/DVD710/DVD710E/ DVD810/DVD810E)	* CN1013	1-821-546-61	CONNECTOR, FFC/FPC (ZIF) 18P
C5306	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	CN1201	1-779-338-51	FFC/CONNECTOR, FPC (LIF (NON-ZIF)) 28P (DVD310E/DVD410E/DVD710/DVD710E/ DVD810/DVD810E)
C5307	1-127-772-81	CERAMIC CHIP 0.033uF 10% 10V (DVD310E/DVD410E/DVD710/DVD710E/ DVD810/DVD810E)	CN1203	1-779-332-51	FFC/CONNECTOR, FPC (LIF (NON-ZIF)) 16P (DVD110E/DVD115E/DVD610/DVD610E)
C5308	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V (DVD310E/DVD410E/DVD710/DVD710E/ DVD810/DVD810E)	* CN3101	1-779-333-51	CONNECTOR, FFC/FPC 18P
C5309	1-100-567-81	CERAMIC CHIP 0.01uF 10% 25V (DVD310E/DVD410E/DVD710/DVD710E/ DVD810/DVD810E)	CN3102	1-779-339-51	FFC/CONNECTOR, FPC (LIF (NON-ZFF)) 30P
C5311	1-100-567-81	CERAMIC CHIP 0.01uF 10% 25V (DVD310E/DVD410E/DVD710/DVD710E/ DVD810/DVD810E)	* CN4103	1-819-860-51	CONNECTOR, FPC (ZIF) 51P
C5313	1-164-937-11	CERAMIC CHIP 0.001uF 10% 50V (DVD310E/DVD410E/DVD710/DVD710E/ DVD810/DVD810E)	* CN4401	1-816-643-51	FFC/CONNECTOR, FPC (LIF) 10P
C5314	1-100-567-81	CERAMIC CHIP 0.01uF 10% 25V (DVD310E/DVD410E/DVD710/DVD710E/ DVD810/DVD810E)	CN4402	1-779-328-51	FFC/CONNECTOR, FPC (LIF (NON-ZIF)) 8P
C5315	1-127-760-11	CERAMIC CHIP 4.7uF 10% 6.3V	* CN5101	1-815-763-51	CONNECTOR, FFC/FPC 24P
C5402	1-100-581-81	CERAMIC CHIP 0.0047uF 10% 50V (DVD110E/DVD115E/DVD610/DVD610E)	< DIODE >		
C5403	1-127-760-11	CERAMIC CHIP 4.7uF 10% 6.3V (DVD110E/DVD115E/DVD610/DVD610E)	D1001	8-719-074-67	DIODE EDZ-TE61-5.6B
C5404	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V (DVD110E/DVD115E/DVD610/DVD610E)	* D1005	6-501-598-01	DIODE CL-335IRS-X-TS (NIGHTSHOT)
C5405	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V (DVD110E/DVD115E/DVD610/DVD610E)	D4601	8-719-074-08	DIODE MA4ZD03001S0
C5406	1-164-935-11	CERAMIC CHIP 470PF 10% 50V (DVD110E/DVD115E/DVD610/DVD610E)	D4603	8-719-421-67	DIODE MA132WK (DVD310E/DVD410E/ DVD710/DVD710E/DVD810/DVD810E)
C5407	1-119-923-11	CERAMIC CHIP 0.047uF 10% 10V (DVD110E/DVD115E/DVD610/DVD610E)	* D4801	6-501-928-01	DIODE MAS3132EGLS0
C5409	1-164-937-11	CERAMIC CHIP 0.001uF 10% 50V (DVD110E/DVD115E/DVD610/DVD610E)	D4802	8-719-027-76	DIODE 1SS357-TPH3
C5410	1-100-567-81	CERAMIC CHIP 0.01uF 10% 25V (DVD110E/DVD115E/DVD610/DVD610E)	D4803	8-719-074-08	DIODE MA4ZD03001S0
C5413	1-164-939-11	CERAMIC CHIP 0.0022uF 10% 50V (DVD110E/DVD115E/DVD610/DVD610E)	D4804	6-500-813-01	DIODE MA2SD32008S0
< CONNECTOR >			D4805	6-500-813-01	DIODE MA2SD32008S0
* CN1001	1-815-763-51	CONNECTOR, FFC/FPC 24P	D4806	8-719-074-08	DIODE MA4ZD03001S0
* CN1002	1-779-329-51	FFC/CONNECTOR, FPC (LIF (NON-ZIF)) 10P	* D5301	6-501-947-01	DIODE MA2S1110G8S0 (DVD310E/DVD410E/ DVD710/DVD710E/DVD810/DVD810E)
CN1003	1-779-332-51	FFC/CONNECTOR, FPC (LIF (NON-ZIF)) 16P	* D5302	6-501-947-01	DIODE MA2S1110G8S0 (DVD310E/DVD410E/ DVD710/DVD710E/DVD810/DVD810E)
* CN1004	1-821-723-11	CONNECTOR, SQUARE TYPE (USB) 5P (USB)	* D5401	6-501-947-01	DIODE MA2S1110G8S0 (DVD110E/DVD115E/DVD610/DVD610E)
* CN1005	1-779-327-51	FFC/CONNECTOR, FPC (LIF (NON-ZIF)) 6P	< FUSE >		
			△ F001	1-576-406-21	FUSE, MICRO (1608) (1.4A/32V)
			△ F002	1-576-406-21	FUSE, MICRO (1608) (1.4A/32V)
			△ F003	1-576-406-21	FUSE, MICRO (1608) (1.4A/32V)
			△ F004	1-576-406-21	FUSE, MICRO (1608) (1.4A/32V)
			△ F005	1-576-406-21	FUSE, MICRO (1608) (1.4A/32V) (DVD310E/DVD410E/DVD710/DVD710E/ DVD810/DVD810E)
			△ F006	1-576-406-21	FUSE, MICRO (1608) (1.4A/32V)
			< FERRITE BEAD >		
			FB1001	1-400-927-31	BEAD, FERRITE (1005)
			FB1002	1-400-927-31	BEAD, FERRITE (1005)
			FB1003	1-400-833-21	SMD EMI FERRITE
			FB1201	1-400-331-11	FERRITE, EMI (SMD) (1005)
			FB1202	1-400-723-11	INDUCTOR, FERRITE BEAD (1005)
			FB1203	1-400-331-11	FERRITE, EMI (SMD) (1005)
			FB1204	1-400-331-11	FERRITE, EMI (SMD) (1005)
			FB1801	1-469-580-21	INDUCTOR, FERRITE BEAD (1005)

• Refer to page 5-1 for mark △.

Ver. 1.1 2008.01

The changed portions from
Ver. 1.0 are shown in blue.

VC-520

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
FB1802	1-469-580-21	INDUCTOR, FERRITE BEAD (1005)	IC5302	8-759-693-13	IC NJM12904V (TE2) (DVD310E/DVD410E/ DVD710/DVD710E/DVD810/DVD810E)
FB1803	1-469-580-21	INDUCTOR, FERRITE BEAD (1005) (DVD410E/DVD810/DVD810E)	IC5401	8-759-637-96	IC uPD16877MA-6A5-E2 (DVD110E/DVD115E/DVD610/DVD610E)
FB1804	1-469-580-21	INDUCTOR, FERRITE BEAD (1005) (DVD410E/DVD810/DVD810E)	< COIL >		
FB2401	1-400-619-11	BEAD, FERRITE (CHIP) (1608)	L1201	1-400-588-11	INDUCTOR 10uH
FB4101	1-400-619-11	BEAD, FERRITE (CHIP) (1608)	L2801	1-400-588-11	INDUCTOR 10uH (DVD115E/DVD310E/DVD410E/DVD710/ DVD710E/DVD810/DVD810E)
FB4102	1-400-619-11	BEAD, FERRITE (CHIP) (1608)	L2802	1-400-588-11	INDUCTOR 10uH (DVD115E/DVD310E/DVD410E/DVD710/ DVD710E/DVD810/DVD810E)
FB4103	1-400-619-11	BEAD, FERRITE (CHIP) (1608)	L2803	1-400-588-11	INDUCTOR 10uH (DVD115E/DVD310E/DVD410E/DVD710/ DVD710E/DVD810/DVD810E)
FB4104	1-400-619-11	BEAD, FERRITE (CHIP) (1608)	L2805	1-400-588-11	INDUCTOR 10uH (DVD115E/DVD310E/DVD410E/DVD710/ DVD710E/DVD810/DVD810E)
FB4105	1-400-619-11	BEAD, FERRITE (CHIP) (1608)			
FB4106	1-414-864-11	FERRITE, EMI (SMD) (1608)	L2902	1-400-588-11	INDUCTOR 10uH (DVD110E/DVD610/DVD610E)
FB4201	1-400-619-11	BEAD, FERRITE (CHIP) (1608)	L2903	1-400-588-11	INDUCTOR 10uH (DVD110E/DVD610/DVD610E)
FB4203	1-400-619-11	BEAD, FERRITE (CHIP) (1608)	L2904	1-400-588-11	INDUCTOR 10uH (DVD110E/DVD610/DVD610E)
FB4204	1-414-864-11	FERRITE, EMI (SMD) (1608)	L2905	1-400-588-11	INDUCTOR 10uH (DVD110E/DVD610/DVD610E)
FB4205	1-469-109-21	FERRITE, EMI (SMD) (1608)	L3101	1-400-588-11	INDUCTOR 10uH
FB4206	1-469-109-21	FERRITE, EMI (SMD) (1608)	L3102	1-400-588-11	INDUCTOR 10uH
FB4301	1-400-619-11	BEAD, FERRITE (CHIP) (1608)	L3103	1-400-588-11	INDUCTOR 10uH
FB4302	1-400-619-11	BEAD, FERRITE (CHIP) (1608)	L4102	1-400-588-11	INDUCTOR 10uH
FB4401	1-400-619-11	BEAD, FERRITE (CHIP) (1608)	L4103	1-400-588-11	INDUCTOR 10uH
< IC >			L4202	1-400-588-11	INDUCTOR 10uH
* IC1001	6-708-445-01	IC R1114Q291D-TR-FA	L4402	1-469-553-21	INDUCTOR 4.7uH
* IC1002	6-708-445-01	IC R1114Q291D-TR-FA (DVD410E/DVD810/DVD810E)	L4403	1-469-549-21	INDUCTOR 1uH
* IC1201	6-711-079-01	IC R2J45015AHBGW0	L4404	1-469-549-21	INDUCTOR 1uH
* IC1202	6-708-445-01	IC R1114Q291D-TR-FA (DVD110E/DVD115E/DVD610/DVD610E)	L4801	1-456-137-11	INDUCTOR 22uH
* IC1202	6-708-447-01	IC R1114Q341D-TR-FA (DVD310E/DVD410E/ DVD710/DVD710E/DVD810/DVD810E)	L4802	1-457-049-21	INDUCTOR 10uH
* IC1701	8-753-300-16	IC CXD4218GG-TL	L4803	1-416-669-11	INDUCTOR 22uH
IC2101	(Not supplied)	IC K5R1213ACB-AK75T	L4804	1-457-049-21	INDUCTOR 10uH
* IC2401	6-709-936-01	IC R8A01015ABGTLV	L4805	1-456-137-11	INDUCTOR 22uH
* IC2801	6-710-768-01	IC NN12923B-BB (DVD115E/DVD310E/DVD410E/DVD710/ DVD710E/DVD810/DVD810E)	L4806	1-416-669-11	INDUCTOR 22uH
* IC2901	6-710-463-01	IC NN12922A-BB (DVD110E/DVD610/DVD610E)	L4807	1-456-138-11	INDUCTOR 33uH
* IC3101	8-753-242-24	IC CXM3018R-T4	L4808	1-456-137-11	INDUCTOR 22uH
IC3102	8-759-693-13	IC NJM12904V (TE2)	L4809	1-469-553-21	INDUCTOR 4.7uH
* IC4101	8-753-235-82	IC CXA2725GA-T4	L4811	1-469-553-21	INDUCTOR 4.7uH
* IC4201	8-753-274-88	IC CXD5052GG-T6	L4813	1-469-553-21	INDUCTOR 4.7uH
IC4302	(Not supplied)	IC 39VF1601-70-4C-B3KE-GG013T	L4814	1-469-549-21	INDUCTOR 1uH
* IC4303	6-710-459-01	IC W9864G6GH-7S-ER10	L4815	1-469-553-21	INDUCTOR 4.7uH
* IC4401	6-710-787-01	IC R2A30212LG-W00B (DVD110E/DVD115E/DVD610/DVD610E)	L4817	1-469-549-21	INDUCTOR 1uH
* IC4401	6-709-970-01	IC BD6310GU-E2 (DVD310E/DVD410E/ DVD710/DVD710E/DVD810/DVD810E)	L4818	1-469-549-21	INDUCTOR 1uH
IC4501	6-707-601-01	IC TA6038FNG (EL)	L4819	1-469-553-21	INDUCTOR 4.7uH
IC4601	6-702-519-01	IC S-80840CNNB-B8ZT2G	L4820	1-469-553-21	INDUCTOR 4.7uH
* IC4801	6-710-736-01	IC BD9838GV-E2	L4821	1-469-549-21	INDUCTOR 1uH
IC4802	6-703-977-01	IC R1114Q331D-TR-FA	L4822	1-469-549-21	INDUCTOR 1uH
IC4901	(Not supplied)	IC MB95005BGL-G-110-ERE1	L4823	1-469-553-21	INDUCTOR 4.7uH
IC5101	6-706-663-01	IC NJW5210RB1	L4824	1-469-549-21	INDUCTOR 1uH
IC5102	8-759-693-13	IC NJM12904V (TE2)	L5101	1-469-553-21	INDUCTOR 4.7uH
IC5103	8-759-693-13	IC NJM12904V (TE2)	L5301	1-400-588-11	INDUCTOR 10uH
* IC5301	6-708-988-01	IC LV8053LG-TLM-E (DVD310E/DVD410E/ DVD710/DVD710E/DVD810/DVD810E)			

Ref. No.	Part No.	Description
< LINE FILTER >		
LF1001	1-457-223-11	COMMON MODE CHOKE COIL
* LF1002	1-457-217-21	COMMON MODE CHOKE COIL
< TRANSISTOR >		
* Q1001	6-551-766-01	TRANSISTOR UNR32A3G0LS0
Q1002	6-550-102-01	TRANSISTOR 2SC5663T2L
Q1003	6-550-238-01	TRANSISTOR DTA114EMFS6T2L
* Q1701	6-551-771-01	TRANSISTOR UNR31AFG0LS0
Q2801	8-729-056-75	TRANSISTOR MCH3211-TL-E (DVD115E/DVD310E/DVD410E/DVD710/ DVD710E/DVD810/DVD810E)
Q2901	8-729-056-75	TRANSISTOR MCH3211-TL-E (DVD110E/DVD610/DVD610E)
* Q3101	6-551-847-01	TRANSISTOR UP04501G08S0
Q3102	8-729-425-50	TRANSISTOR 2SB1462-Q
Q3103	8-729-425-50	TRANSISTOR 2SB1462-Q
Q3104	8-729-425-50	TRANSISTOR 2SB1462-Q
Q3105	8-729-054-48	TRANSISTOR UP04601008S0
* Q3106	6-551-766-01	TRANSISTOR UNR32A3G0LS0
Q3107	6-551-184-01	TRANSISTOR MCH6305-TL-E-S
* Q4401	6-551-760-01	TRANSISTOR UNR31A3G0LS0
* Q4402	6-551-766-01	TRANSISTOR UNR32A3G0LS0
Q4601	8-729-101-07	TRANSISTOR 2SB798-DL
* Q4602	6-551-766-01	TRANSISTOR UNR32A3G0LS0
Q4603	6-551-442-01	TRANSISTOR TPCP8301 (T5RSONYF)
* Q4604	6-551-758-01	TRANSISTOR 2SC5846G0LS0
* Q4605	6-551-766-01	TRANSISTOR UNR32A3G0LS0 (DVD310E/DVD410E/DVD710/DVD710E/ DVD810/DVD810E)
Q4606	6-551-184-01	TRANSISTOR MCH6305-TL-E-S (DVD310E/DVD410E/DVD710/DVD710E/ DVD810/DVD810E)
Q4801	6-550-813-01	TRANSISTOR SCH2806-TL-E
Q4802	6-550-533-01	TRANSISTOR MCH5819-TL-E
* Q4803	6-551-836-01	TRANSISTOR 2SA2078G0LS0
Q4804	6-550-180-01	TRANSISTOR SSM6N16FE (TPLR3)
* Q4805	6-551-836-01	TRANSISTOR 2SA2078G0LS0
* Q4806	6-551-758-01	TRANSISTOR 2SC5846G0LS0
Q4807	8-729-054-48	TRANSISTOR UP04601008S0 (DVD110E/DVD115E/DVD610/DVD610E)
* Q4808	6-551-846-01	TRANSISTOR UP04401G08S0
* Q5101	6-551-850-01	TRANSISTOR UP04116G08S0
* Q5102	6-551-758-01	TRANSISTOR 2SC5846G0LS0
* Q5301	6-551-758-01	TRANSISTOR 2SC5846G0LS0 (DVD310E/DVD410E/DVD710/DVD710E/ DVD810/DVD810E)
Q5401	6-550-758-01	TRANSISTOR DTC113TMFS6T2L (DVD110E/DVD115E/DVD610/DVD610E)
< RESISTOR >		
R1001	1-218-990-81	SHORT CHIP 0 (DVD110E/DVD115E/DVD310E/DVD410E)
R1002	1-218-990-81	SHORT CHIP 0 (DVD610/DVD610E/ DVD710/DVD710E/DVD810/DVD810E)
R1004	1-218-990-81	SHORT CHIP 0
R1006	1-218-931-11	RES-CHIP 15 5% 1/16W
R1007	1-218-945-11	RES-CHIP 220 5% 1/16W

Ref. No.	Part No.	Description
R1008	1-218-943-11	RES-CHIP 150 5% 1/16W
R1010	1-218-965-11	RES-CHIP 10K 5% 1/16W
R1011	1-218-954-11	RES-CHIP 1.2K 5% 1/16W
R1014	1-218-990-81	SHORT CHIP 0
R1015	1-218-965-11	RES-CHIP 10K 5% 1/16W
R1018	1-218-945-11	RES-CHIP 220 5% 1/16W
R1023	1-216-799-11	METAL CHIP 15 5% 1/10W
R1024	1-216-799-11	METAL CHIP 15 5% 1/10W
R1025	1-218-959-11	RES-CHIP 3.3K 5% 1/16W
R1201	1-218-990-81	SHORT CHIP 0 (DVD110E/DVD115E/DVD610/DVD610E)
R1202	1-218-937-11	RES-CHIP 47 5% 1/16W
R1203	1-218-971-11	RES-CHIP 33K 5% 1/16W
R1212	1-218-937-11	RES-CHIP 47 5% 1/16W
R1218	1-218-990-81	SHORT CHIP 0 (DVD310E/DVD410E/ DVD710/DVD710E/DVD810/DVD810E)
R1717	1-218-953-11	RES-CHIP 1K 5% 1/16W
R1721	1-220-180-11	RES-CHIP 620 5% 1/16W
R1722	1-208-911-11	METAL CHIP 10K 0.5% 1/16W
R1724	1-218-941-11	RES-CHIP 100 5% 1/16W
R1725	1-208-683-11	METAL CHIP 1K 0.5% 1/16W
R1726	1-208-683-11	METAL CHIP 1K 0.5% 1/16W
R1768	1-218-953-11	RES-CHIP 1K 5% 1/16W
R1803	1-218-953-11	RES-CHIP 1K 5% 1/16W
R1829	1-218-977-11	RES-CHIP 100K 5% 1/16W
R1830	1-218-962-11	RES-CHIP 5.6K 5% 1/16W
R1838	1-218-973-11	RES-CHIP 47K 5% 1/16W
R1840	1-218-944-11	RES-CHIP 180 5% 1/16W
R1841	1-218-944-11	RES-CHIP 180 5% 1/16W
R1842	1-218-944-11	RES-CHIP 180 5% 1/16W
R1843	1-218-944-11	RES-CHIP 180 5% 1/16W
R1844	1-218-942-11	RES-CHIP 120 5% 1/16W
R1850	1-218-942-11	RES-CHIP 120 5% 1/16W (DVD410E/DVD810/DVD810E)
R1855	1-218-942-11	RES-CHIP 120 5% 1/16W (DVD410E/DVD810/DVD810E)
R1865	1-218-942-11	RES-CHIP 120 5% 1/16W
R2104	1-218-933-11	RES-CHIP 22 5% 1/16W
R2106	1-218-953-11	RES-CHIP 1K 5% 1/16W
R2407	1-218-960-11	RES-CHIP 3.9K 5% 1/16W
R2408	1-218-944-11	RES-CHIP 180 5% 1/16W
R2411	1-218-944-11	RES-CHIP 180 5% 1/16W
R2412	1-218-960-11	RES-CHIP 3.9K 5% 1/16W
R2417	1-208-709-11	METAL CHIP 12K 0.5% 1/16W
R2418	1-208-873-81	METAL CHIP 270 0.5% 1/16W
R2419	1-208-873-81	METAL CHIP 270 0.5% 1/16W
R2420	1-208-873-81	METAL CHIP 270 0.5% 1/16W
R2802	1-218-961-11	RES-CHIP 4.7K 5% 1/16W (DVD115E/DVD310E/DVD410E/DVD710/ DVD710E/DVD810/DVD810E)
R2803	1-218-973-11	RES-CHIP 47K 5% 1/16W (DVD115E/DVD310E/DVD410E/DVD710/ DVD710E/DVD810/DVD810E)
R2818	1-218-963-11	RES-CHIP 6.8K 5% 1/16W (DVD115E/DVD310E/DVD410E/DVD710/ DVD710E/DVD810/DVD810E)
R2819	1-218-975-11	RES-CHIP 68K 5% 1/16W (DVD115E/DVD310E/DVD410E/DVD710/ DVD710E/DVD810/DVD810E)

Ref. No.	Part No.	Description							
R2901	1-218-969-11	RES-CHIP	22K	5%	1/16W				
			(DVD110E/DVD610/DVD610E)						
R2902	1-218-961-11	RES-CHIP	4.7K	5%	1/16W				
			(DVD110E/DVD610/DVD610E)						
R2903	1-218-961-11	RES-CHIP	4.7K	5%	1/16W				
			(DVD110E/DVD610/DVD610E)						
R2904	1-218-973-11	RES-CHIP	47K	5%	1/16W				
			(DVD110E/DVD610/DVD610E)						
R3102	1-218-975-11	RES-CHIP	68K	5%	1/16W				
R3105	1-208-935-11	METAL CHIP	100K	0.5%	1/16W				
R3107	1-208-922-11	METAL CHIP	30K	0.5%	1/16W				
			(DVD110E/DVD115E/DVD610/DVD610E)						
R3107	1-208-721-11	METAL CHIP	39K	0.5%	1/16W				
			(DVD310E/DVD410E/DVD710/DVD710E/ DVD810/DVD810E)						
R3108	1-218-961-11	RES-CHIP	4.7K	5%	1/16W				
R3109	1-218-957-11	RES-CHIP	2.2K	5%	1/16W				
R3110	1-220-876-81	METAL CHIP	18	0.5%	1/16W				
R3112	1-218-953-11	RES-CHIP	1K	5%	1/16W				
R3113	1-220-876-81	METAL CHIP	18	0.5%	1/16W				
R3114	1-220-876-81	METAL CHIP	18	0.5%	1/16W				
R3115	1-208-943-11	METAL CHIP	220K	0.5%	1/16W				
R3119	1-218-957-11	RES-CHIP	2.2K	5%	1/16W				
R3120	1-208-861-81	METAL CHIP	82	0.5%	1/16W				
			(DVD310E/DVD410E/DVD710/DVD710E/ DVD810/DVD810E)						
R3120	1-208-663-11	METAL CHIP	150	0.5%	1/16W				
			(DVD110E/DVD115E/DVD610/DVD610E)						
R3121	1-218-977-11	RES-CHIP	100K	5%	1/16W				
R4137	1-218-965-11	RES-CHIP	10K	5%	1/16W				
R4201	1-218-953-11	RES-CHIP	1K	5%	1/16W				
R4203	1-218-982-11	RES-CHIP	270K	5%	1/16W				
R4214	1-218-959-11	RES-CHIP	3.3K	5%	1/16W				
R4215	1-218-953-11	RES-CHIP	1K	5%	1/16W				
R4219	1-218-953-11	RES-CHIP	1K	5%	1/16W				
R4221	1-208-911-11	METAL CHIP	10K	0.5%	1/16W				
R4222	1-218-965-11	RES-CHIP	10K	5%	1/16W				
R4223	1-218-953-11	RES-CHIP	1K	5%	1/16W				
R4225	1-218-933-11	RES-CHIP	22	5%	1/16W				
R4232	1-218-954-11	RES-CHIP	1.2K	5%	1/16W				
R4233	1-218-965-11	RES-CHIP	10K	5%	1/16W				
R4234	1-218-965-11	RES-CHIP	10K	5%	1/16W				
R4240	1-218-933-11	RES-CHIP	22	5%	1/16W				
R4241	1-218-977-11	RES-CHIP	100K	5%	1/16W				
R4247	1-218-975-11	RES-CHIP	68K	5%	1/16W				
R4256	1-218-933-11	RES-CHIP	22	5%	1/16W				
R4257	1-218-953-11	RES-CHIP	1K	5%	1/16W				
R4259	1-208-889-11	METAL CHIP	1.2K	0.5%	1/16W				
R4261	1-218-965-11	RES-CHIP	10K	5%	1/16W				
R4405	1-218-966-11	RES-CHIP	12K	5%	1/16W				
R4406	1-218-975-11	RES-CHIP	68K	5%	1/16W				
R4409	1-218-446-11	METAL CHIP	1	5%	1/10W				
			(DVD310E/DVD410E/DVD710/DVD710E/ DVD810/DVD810E)						
R4410	1-218-446-11	METAL CHIP	1	5%	1/10W				
			(DVD310E/DVD410E/DVD710/DVD710E/ DVD810/DVD810E)						
R4411	1-218-446-11	METAL CHIP	1	5%	1/10W				
			(DVD310E/DVD410E/DVD710/DVD710E/ DVD810/DVD810E)						
R4413	1-218-944-11	RES-CHIP	180	5%	1/16W				
R4501	1-218-977-11	RES-CHIP	100K	5%	1/16W				
R4502	1-218-965-11	RES-CHIP	10K	5%	1/16W				
R4603	1-216-797-11	METAL CHIP	10	5%	1/10W				
R4604	1-218-954-11	RES-CHIP	1.2K	5%	1/16W				
R4605	1-218-963-11	RES-CHIP	6.8K	5%	1/16W				
R4606	1-218-977-11	RES-CHIP	100K	5%	1/16W				
R4607	1-218-989-11	RES-CHIP	1M	5%	1/16W				
R4609	1-218-965-11	RES-CHIP	10K	5%	1/16W				
			(DVD310E/DVD410E/DVD710/DVD710E/ DVD810/DVD810E)						
R4610	1-218-989-11	RES-CHIP	1M	5%	1/16W				
			(DVD310E/DVD410E/DVD710/DVD710E/ DVD810/DVD810E)						
R4611	1-218-953-11	RES-CHIP	1K	5%	1/16W				
			(DVD310E/DVD410E/DVD710/DVD710E/ DVD810/DVD810E)						
R4801	1-218-941-81	RES-CHIP	100	5%	1/16W				
R4803	1-218-961-11	RES-CHIP	4.7K	5%	1/16W				
R4806	1-216-789-11	METAL CHIP	2.2	5%	1/10W				
R4810	1-218-965-11	RES-CHIP	10K	5%	1/16W				
R4811	1-218-975-11	RES-CHIP	68K	5%	1/16W				
R4818	1-218-965-11	RES-CHIP	10K	5%	1/16W				
R4819	1-218-977-11	RES-CHIP	100K	5%	1/16W				
R4820	1-218-975-11	RES-CHIP	68K	5%	1/16W				
R4821	1-218-965-11	RES-CHIP	10K	5%	1/16W				
R4824	1-218-986-11	RES-CHIP	560K	5%	1/16W				
R4826	1-218-973-11	RES-CHIP	47K	5%	1/16W				
R4831	1-218-977-11	RES-CHIP	100K	5%	1/16W				
R4832	1-218-961-11	RES-CHIP	4.7K	5%	1/16W				
			(DVD110E/DVD115E/DVD610/DVD610E)						
R4834	1-218-969-11	RES-CHIP	22K	5%	1/16W				
R4835	1-218-990-81	SHORT CHIP	0						
			(DVD310E/DVD410E/ DVD710/DVD710E/DVD810/DVD810E)						
R4836	1-208-927-11	METAL CHIP	47K	0.5%	1/16W				
			(DVD110E/DVD115E/DVD610/DVD610E)						
R4836	1-208-935-11	METAL CHIP	100K	0.5%	1/16W				
			(DVD310E/DVD410E/DVD710/DVD710E/ DVD810/DVD810E)						
R4837	1-208-935-11	METAL CHIP	100K	0.5%	1/16W				
			(DVD110E/DVD115E/DVD610/DVD610E)						
R4837	1-208-943-11	METAL CHIP	220K	0.5%	1/16W				
			(DVD310E/DVD410E/DVD710/DVD710E/ DVD810/DVD810E)						
R4838	1-208-910-11	METAL CHIP	9.1K	0.5%	1/16W				
			(DVD310E/DVD410E/DVD710/DVD710E/ DVD810/DVD810E)						
R4838	1-208-711-11	METAL CHIP	15K	0.5%	1/16W				
			(DVD110E/DVD115E/DVD610/DVD610E)						
R4839	1-208-715-11	METAL CHIP	22K	0.5%	1/16W				
			(DVD110E/DVD115E/DVD610/DVD610E)						
R4840	1-208-934-11	METAL CHIP	91K	0.5%	1/16W				
			(DVD110E/DVD115E/DVD610/DVD610E)						
R4911	1-219-570-11	METAL CHIP	10M	5%	1/10W				
R4913	1-208-893-11	METAL CHIP	1.8K	0.5%	1/16W				
R4915	1-208-703-11	METAL CHIP	6.8K	0.5%	1/16W				
R4917	1-218-953-11	RES-CHIP	1K	5%	1/16W				
R4929	1-218-985-11	RES-CHIP	470K	5%	1/16W				
R4930	1-218-989-11	RES-CHIP	1M	5%	1/16W				
R4932	1-218-977-11	RES-CHIP	100K	5%	1/16W				
R4933	1-208-927-11	METAL CHIP	47K	0.5%	1/16W				

Ref. No.	Part No.	Description					Ref. No.	Part No.	Description				
R4934	1-208-935-11	METAL CHIP	100K	0.5%	1/16W		R5320	1-218-980-11	RES-CHIP	180K	5%	1/16W	
R4935	1-218-953-11	RES-CHIP	1K	5%	1/16W				(DVD310E/DVD410E/DVD710/DVD710E/ DVD810/DVD810E)				
R4937	1-218-965-11	RES-CHIP	10K	5%	1/16W		R5321	1-218-990-81	SHORT CHIP	0 (DVD310E/DVD410E/ DVD710/DVD710E/DVD810/DVD810E)			
R4942	1-218-965-11	RES-CHIP	10K	5%	1/16W		R5322	1-218-965-11	RES-CHIP	10K	5%	1/16W	
R5135	1-218-969-11	RES-CHIP	22K	5%	1/16W				(DVD310E/DVD410E/DVD710/DVD710E/ DVD810/DVD810E)				
R5136	1-218-968-11	RES-CHIP	18K	5%	1/16W		R5402	1-218-990-81	SHORT CHIP	0			
		(DVD310E/DVD410E/DVD710/DVD710E/ DVD810/DVD810E)							(DVD110E/DVD115E/DVD610/DVD610E)				
R5136	1-218-969-11	RES-CHIP	22K	5%	1/16W		R5403	1-218-989-11	RES-CHIP	1M	5%	1/16W	
		(DVD110E/DVD115E/DVD610/DVD610E)							(DVD110E/DVD115E/DVD610/DVD610E)				
R5137	1-218-965-11	RES-CHIP	10K	5%	1/16W		R5404	1-218-957-11	RES-CHIP	2.2K	5%	1/16W	
R5138	1-218-953-11	RES-CHIP	1K	5%	1/16W				(DVD110E/DVD115E/DVD610/DVD610E)				
R5139	1-218-947-11	RES-CHIP	330	5%	1/16W		R5405	1-218-981-91	RES-CHIP	220K	5%	1/16W	
R5140	1-218-969-11	RES-CHIP	22K	5%	1/16W				(DVD110E/DVD115E/DVD610/DVD610E)				
		(DVD310E/DVD410E/DVD710/DVD710E/ DVD810/DVD810E)					R5406	1-218-965-11	RES-CHIP	10K	5%	1/16W	
R5301	1-216-797-11	METAL CHIP	10	5%	1/10W				(DVD110E/DVD115E/DVD610/DVD610E)				
		(DVD310E/DVD410E/DVD710/DVD710E/ DVD810/DVD810E)					R5409	1-218-990-81	SHORT CHIP	0			
									(DVD110E/DVD115E/DVD610/DVD610E)				
R5302	1-218-941-81	RES-CHIP	100	5%	1/16W		R5410	1-218-990-81	SHORT CHIP	0			
		(DVD310E/DVD410E/DVD710/DVD710E/ DVD810/DVD810E)							(DVD110E/DVD115E/DVD610/DVD610E)				
R5303	1-218-977-11	RES-CHIP	100K	5%	1/16W		R5411	1-218-967-11	RES-CHIP	15K	5%	1/16W	
		(DVD310E/DVD410E/DVD710/DVD710E/ DVD810/DVD810E)							(DVD110E/DVD115E/DVD610/DVD610E)				
R5304	1-218-965-11	RES-CHIP	10K	5%	1/16W		R5412	1-218-990-81	SHORT CHIP	0			
		(DVD310E/DVD410E/DVD710/DVD710E/ DVD810/DVD810E)							(DVD110E/DVD115E/DVD610/DVD610E)				
R5305	1-218-977-11	RES-CHIP	100K	5%	1/16W		R5414	1-218-990-81	SHORT CHIP	0			
		(DVD310E/DVD410E/DVD710/DVD710E/ DVD810/DVD810E)							(DVD110E/DVD115E/DVD610/DVD610E)				
R5306	1-218-961-11	RES-CHIP	4.7K	5%	1/16W		R5415	1-218-973-11	RES-CHIP	47K	5%	1/16W	
		(DVD310E/DVD410E/DVD710/DVD710E/ DVD810/DVD810E)							(DVD110E/DVD115E/DVD610/DVD610E)				
R5307	1-218-971-11	RES-CHIP	33K	5%	1/16W		< COMPOSITION CIRCUIT BLOCK >						
		(DVD310E/DVD410E/DVD710/DVD710E/ DVD810/DVD810E)					* RB1001	1-234-723-21	RES, NETWORK	75 (1005X4)			
R5310	1-218-980-11	RES-CHIP	180K	5%	1/16W		RB1704	1-234-378-11	RES, NETWORK	10K (1005X4)			
		(DVD310E/DVD410E/DVD710/DVD710E/ DVD810/DVD810E)					RB1705	1-234-381-21	RES, NETWORK	100K (1005X4)			
R5311	1-218-972-11	RES-CHIP	39K	5%	1/16W		RB1706	1-234-377-21	RES, NETWORK	4.7K (1005X4)			
		(DVD310E/DVD410E/DVD710/DVD710E/ DVD810/DVD810E)							(DVD310E/DVD410E/DVD710/DVD710E/ DVD810/DVD810E)				
R5312	1-218-980-11	RES-CHIP	180K	5%	1/16W		* RB1707	1-234-384-21	RES, NETWORK	1M (1005X4)			
		(DVD310E/DVD410E/DVD710/DVD710E/ DVD810/DVD810E)											
R5314	1-218-962-11	RES-CHIP	5.6K	5%	1/16W		* RB1801	1-200-016-21	RES, NETWORK	82 (1005X4)			
		(DVD310E/DVD410E/DVD710/DVD710E/ DVD810/DVD810E)					RB1802	1-242-963-21	RES, NETWORK	33 (1005X4)			
R5315	1-218-990-81	SHORT CHIP	0 (DVD310E/DVD410E/ DVD710/DVD710E/DVD810/DVD810E)				RB1803	1-242-963-21	RES, NETWORK	33 (1005X4)			
R5316	1-218-980-11	RES-CHIP	180K	5%	1/16W		RB1804	1-242-963-21	RES, NETWORK	33 (1005X4)			
		(DVD310E/DVD410E/DVD710/DVD710E/ DVD810/DVD810E)					RB1805	1-242-963-21	RES, NETWORK	33 (1005X4)			
R5317	1-218-990-81	SHORT CHIP	0 (DVD310E/DVD410E/ DVD710/DVD710E/DVD810/DVD810E)										
R5318	1-218-980-11	RES-CHIP	180K	5%	1/16W		RB1806	1-234-378-11	RES, NETWORK	10K (1005X4)			
		(DVD310E/DVD410E/DVD710/DVD710E/ DVD810/DVD810E)					RB1807	1-234-943-21	RES, NETWORK	22 (1005X4)			
R5319	1-218-990-81	SHORT CHIP	0 (DVD310E/DVD410E/ DVD710/DVD710E/DVD810/DVD810E)				* RB2102	1-234-380-21	RES, NETWORK	47K (1005X4)			
							RB2801	1-234-376-11	RES, NETWORK	2.2K (1005X4)			
									(DVD115E/DVD310E/DVD410E/DVD710/ DVD710E/DVD810/DVD810E)				
							* RB2803	1-234-379-21	RES, NETWORK	22K (1005X4)			
									(DVD115E/DVD310E/DVD410E/DVD710/ DVD710E/DVD810/DVD810E)				
							* RB2804	1-234-380-21	RES, NETWORK	47K (1005X4)			
									(DVD115E/DVD310E/DVD410E/DVD710/ DVD710E/DVD810/DVD810E)				
							RB2805	1-234-945-21	RES, NETWORK	100 (1005X4)			
									(DVD115E/DVD310E/DVD410E/DVD710/ DVD710E/DVD810/DVD810E)				
							RB2901	1-234-378-11	RES, NETWORK	10K (1005X4)			
									(DVD110E/DVD610/DVD610E)				

Ref. No.	Part No.	Description
RB2902	1-234-376-11	RES, NETWORK 2.2K (1005X4) (DVD110E/DVD610/DVD610E)
RB2903	1-234-381-21	RES, NETWORK 100K (1005X4) (DVD110E/DVD610/DVD610E)
RB2904	1-234-945-21	RES, NETWORK 100 (1005X4) (DVD110E/DVD610/DVD610E)
* RB3102	1-234-380-21	RES, NETWORK 47K (1005X4)
RB3103	1-234-381-21	RES, NETWORK 100K (1005X4)
RB3104	1-234-378-11	RES, NETWORK 10K (1005X4)
* RB4101	1-234-379-21	RES, NETWORK 22K (1005X4)
* RB4102	1-234-384-21	RES, NETWORK 1M (1005X4)
RB4301	1-234-378-11	RES, NETWORK 10K (1005X4)
RB4401	1-234-381-21	RES, NETWORK 100K (1005X4)
RB4403	1-234-378-11	RES, NETWORK 10K (1005X4)
RB4801	1-234-945-21	RES, NETWORK 100 (1005X4)
RB4901	1-234-378-11	RES, NETWORK 10K (1005X4)
RB4902	1-234-375-21	RES, NETWORK 1K (1005X4)
RB4903	1-234-378-11	RES, NETWORK 10K (1005X4)
RB4904	1-234-375-21	RES, NETWORK 1K (1005X4)
* RB4905	1-234-380-21	RES, NETWORK 47K (1005X4)
* RB5101	1-234-380-21	RES, NETWORK 47K (1005X4)
RB5102	1-234-400-21	CONDUCTOR, NETWORK (1005X4) (DVD310E/DVD410E/DVD710/DVD710E/ DVD810/DVD810E)
RB5103	1-234-400-21	CONDUCTOR, NETWORK (1005X4) (DVD110E/DVD115E/DVD610/DVD610E)
RB5401	1-234-375-21	RES, NETWORK 1K (1005X4) (DVD110E/DVD115E/DVD610/DVD610E)
RB5402	1-234-956-21	RES, NETWORK 470K (1005X4) (DVD110E/DVD115E/DVD610/DVD610E)
< SENSOR >		
* SE4501	1-480-013-21	SHOCK SENSOR
< VARISTOR >		
* VD1001	1-802-279-11	VARISTOR (SMD)
* VD1002	1-802-279-11	VARISTOR (SMD)
* VD1005	1-802-279-11	VARISTOR (SMD)
* VD1006	1-802-279-11	VARISTOR (SMD)
< VIBRATOR >		
* X1201	1-813-856-11	OSCILLATOR, CRYSTAL (27MHz) (DVD310E/DVD410E/DVD710E/DVD810E)
* X1201	1-813-857-21	OSCILLATOR, CRYSTAL (33MHz) (DVD710/DVD810)
X1201	1-814-072-21	QUARTZ CRYSTAL OSCILLATOR (24MHz) (DVD110E/DVD115E/DVD610/DVD610E)
* X1701	1-813-403-21	QUARTZ CRYSTAL OSCILLATOR (12MHz)
* X4201	1-813-816-21	VIBRATOR, CERAMIC (33.8688MHz)
* X4901	1-813-709-41	QUARTZCRYSTALUNITFOROSCILLATOR (32.768kHz)

DCR-DVD110E/DVD115E/DVD310E/DVD410E/DVD610/ DVD610E/DVD710/DVD710E/DVD810/DVD810E RMT-835

SONY®

LEVEL **3**

SERVICE MANUAL

Ver. 1.2 2008.05

*US Model
Canadian Model
AEP Model
UK Model
East European Model
North European Model
E Model
Australian Model
Hong Kong Model
Chinese Model
Korea Model
Argentine Model
Brazilian Model
Thai Model
Tourist Model
Japanese Model*

SUPPLEMENT-1

File this supplement with the service manual.
(DI08-049)

- Addition of Brazilian Model (DVD810)
- Addition of Thai Model (DVD610E/DVD810E)
- Correction of Model information table
- Change of Repair Parts

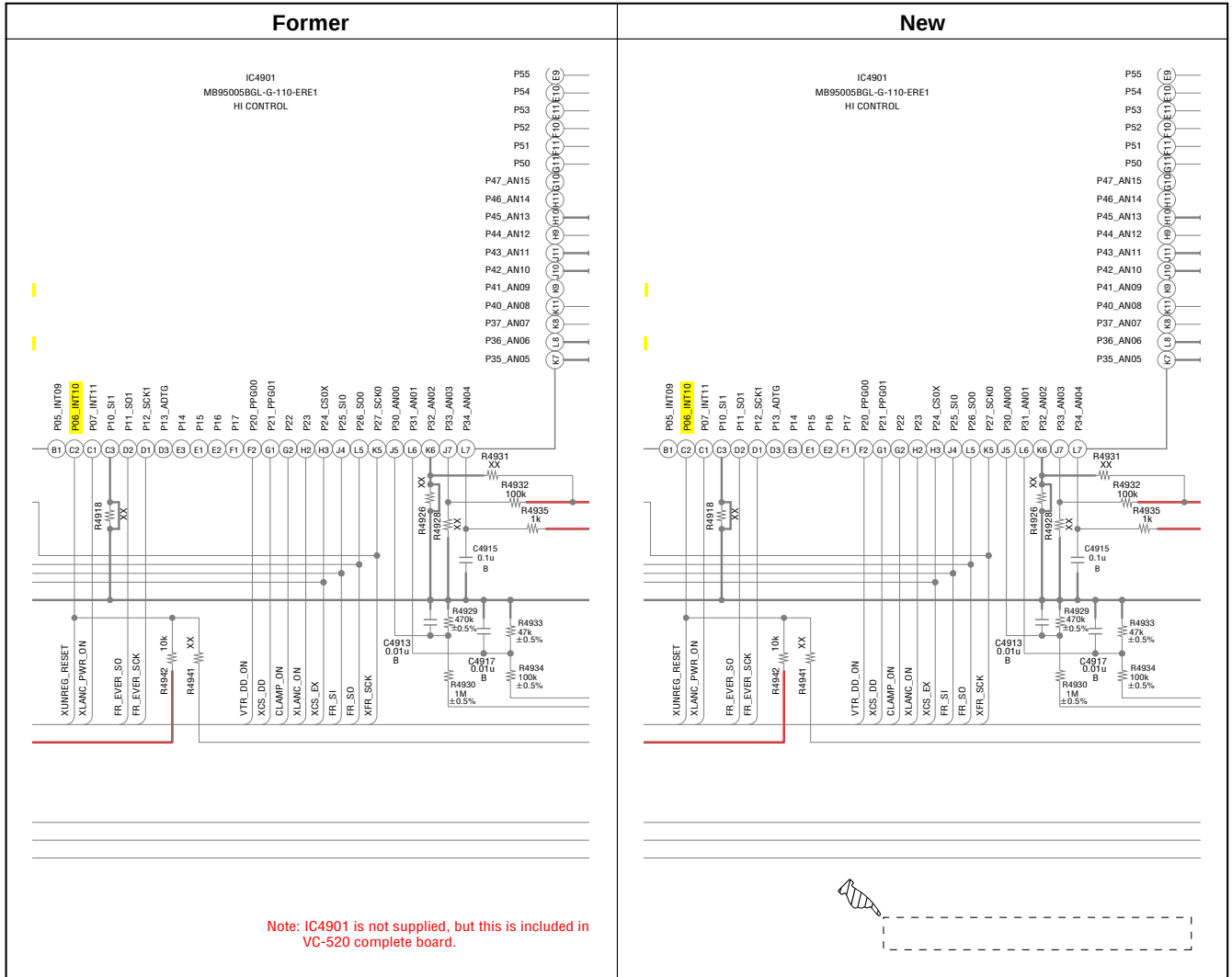
Note: Please refer to Ver.1.2 of SERVICE MANUAL (9-852-249-12) for the addition of Brazilian model (DVD810), the addition of Thai model (DVD610E/DVD810E) and the correction of model information table.

4. PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS

4-2. SCHEMATIC DIAGRAMS

VC-520 BOARD (17/20) (HI CONTROL)

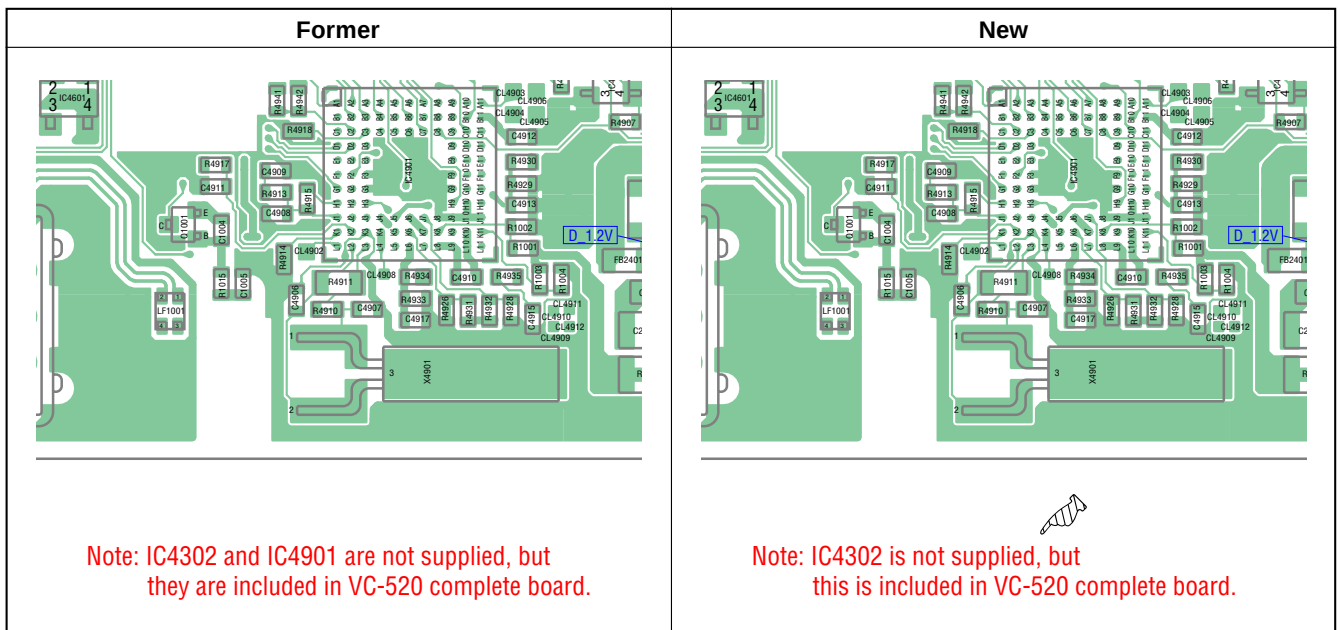
(Service manual page 4-22, Location C-8 to G-9)



4-3. PRINTED WIRING BOARDS

VC-520 BOARD (SIDE B)

(Service manual page 4-38)



5. REPAIR PARTS LIST

5-2. ELECTRICAL PARTS LIST

Page	Former				New			
	Ref. No.	Part No.	Description		Ref. No.	Part No.	Description	
5-19	VC-520 Board				VC-520 Board			
	< FUSE >				< FUSE >			
	△ F001	1-576-406-21	FUSE, MICRO (1608) (1.4A/32V)		△ F001	1-576-406-11	FUSE (1.4A/32V)	
	△ F002	1-576-406-21	FUSE, MICRO (1608) (1.4A/32V)		△ F002	1-576-406-11	FUSE (1.4A/32V)	
	△ F003	1-576-406-21	FUSE, MICRO (1608) (1.4A/32V)		△ F003	1-576-406-11	FUSE (1.4A/32V)	
	△ F004	1-576-406-21	FUSE, MICRO (1608) (1.4A/32V)		△ F004	1-576-406-11	FUSE (1.4A/32V)	
5-20	△ F005	1-576-406-21	FUSE, MICRO (1608) (1.4A/32V) (DVD310E/DVD410E/DVD710/DVD710E/ DVD810/DVD810E)		△ F005	1-576-406-11	FUSE (1.4A/32V) (DVD310E/DVD410E/DVD710/DVD710E/ DVD810/DVD810E)	
	△ F006	1-576-406-21	FUSE, MICRO (1608) (1.4A/32V)		△ F006	1-576-406-11	FUSE (1.4A/32V)	
	< IC >				< IC >			
	* IC4101	8-753-235-82	IC CXA2725GA-T4		* IC4101	8-753-298-95	IC CXA2725AGA-T4	
	IC4901	(Not supplied)	IC MB95005BGL-G-110-ERE1		* IC4901	6-807-901-01	IC MB95005BGL-G-110-ERE1	
	< COIL >				< COIL >			
5-21	L4102	1-400-588-11	INDUCTOR	10uH	L4102	1-400-202-21	INDUCTOR	4.7uH
	L4103	1-400-588-11	INDUCTOR	10uH	L4103	1-400-202-21	INDUCTOR	4.7uH
	L4202	1-400-588-11	INDUCTOR	10uH	L4202	1-400-202-21	INDUCTOR	4.7uH
	< TRANSISTOR >				< TRANSISTOR >			
	Q3102	8-729-425-50	TRANSISTOR	2SB1462-Q	Q3102	8-729-037-53	TRANSISTOR	2SB1462J-QR(TX).SO
	Q3103	8-729-425-50	TRANSISTOR	2SB1462-Q	Q3103	8-729-037-53	TRANSISTOR	2SB1462J-QR(TX).SO
5-23 5-24	Q3104	8-729-425-50	TRANSISTOR	2SB1462-Q	Q3104	8-729-037-53	TRANSISTOR	2SB1462J-QR(TX).SO
	< COMPOSITION CIRCUIT BLOCK >				< COMPOSITION CIRCUIT BLOCK >			
	RB1705	1-234-381-21	RES, NETWORK	100K (1005X4)	RB1705	1-234-381-11	RES, NETWORK	100K (1005X4)
	RB2903	1-234-381-21	RES, NETWORK	100K (1005X4) (DVD110E/DVD610/DVD610E)	RB2903	1-234-381-11	RES, NETWORK	100K (1005X4) (DVD110E/DVD610/DVD610E)
	RB3103	1-234-381-21	RES, NETWORK	100K (1005X4)	RB3103	1-234-381-11	RES, NETWORK	100K (1005X4)
	RB4401	1-234-381-21	RES, NETWORK	100K (1005X4)	RB4401	1-234-381-11	RES, NETWORK	100K (1005X4)

The components identified by mark △ or dotted line with mark △ are critical for safety. Replace only with part number specified.

Les composants identifiés par une marque △ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

△印の部品、または△印付きの点線で囲まれた部品は、安全性を維持するために重要な部品です。従って交換時は、必ず指定の部品を使用して下さい。

Revision History

Ver.	Date	History	Contents	S.M. Rev. issued
1.0	2007.12	Official Release	—	—
1.1	2008.01	Revised-1 (A1 DI07-258)	• Correction of Schematic Diagrams • Correction of Repair Parts S.M. correction: Page 4-9 , Page 4-20 , Page 5-20	Yes
1.2	2008.05	Supplement-1 (S1 DI08-049)	• Addition of Brazilian Model (DVD810) • Addition of Thai Model (DVD610E/DVD810E) • Correction of Model information table • Change of Repair Parts S.M. revised: Page 2	Yes