

DCR-SR210E/SR220/SR220D/SR220E/ HDR-SR10/SR10D/SR10E

RMT-835

SERVICE MANUAL

LEVEL 3

Ver. 1.1 2008.05

Revision History



Photo: HDR-SR10

*US Model
Canadian Model
AEP Model
UK Model
North European Model
E Model
Australian Model
Hong Kong Model
Chinese Model
Korea Model
Tourist Model
Thai 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 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.

DCR-SR210E/SR220/SR220D/SR220E
DIGITAL VIDEO CAMERA RECORDER
HDR-SR10/SR10D/SR10E
DIGITAL HD VIDEO CAMERA RECORDER

SONY®

Model information table

Model		DCR-SR210E	DCR-SR220	DCR-SR220D	DCR-SR220E
Destination		AEP, UK	US, CND, E, KR, JE, J	US	NE, E, CH, HK, AUS, JE
Color system		PAL	NTSC	NTSC	PAL
Hard disk		60GB	60GB	120GB	60GB
HDMI OUT jack		×	×	×	×
Data copy	CAM → PC	○	○	○	○
	PC → CAM	×	○	○	○
Video compression format		MPEG2/JPEG (Still image)	MPEG2/JPEG (Still image)	MPEG2/JPEG (Still image)	MPEG2/JPEG (Still image)
FP-855 Flexible Board		×	×	×	×

Model		HDR-SR10	HDR-SR10D	HDR-SR10E
Destination		US, CND, E, KR, JE	US	AEP, UK, NE, E, CH, HK, AUS, JE
Color system		NTSC	NTSC	PAL
Hard disk		40GB	120GB	40GB
HDMI OUT jack		○	○	○
Data copy	CAM → PC	○	○	○
	PC → CAM	○	○	○
Video compression format		AVCHD (HD)/ MPEG2/JPEG (Still image)	AVCHD (HD)/ MPEG2/JPEG (Still image)	AVCHD (HD)/ MPEG2/JPEG (Still image)
FP-855 Flexible Board		○	○	○

- Abbreviation
AUS : Australian model
CH : Chinese model
CND : Canadian model
HK : Hong Kong model
J : Japanese model
JE : Tourist model
KR : Korea model
NE : North European model

CAUTION

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

SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY MARK \triangle OR DOTTED LINE WITH MARK \triangle 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.

ATTENTION AU COMPOSANT AYANT RAPPORT À LA SÉCURITÉ!

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

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箇所については、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、またサービスした箇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

<ul style="list-style-type: none"> CM-093 BOARD (CMOS IMAGER) 	<ul style="list-style-type: none"> VC-516 BOARD(14/22) (HDMI PROCESSOR)
<ul style="list-style-type: none"> VC-516 BOARD(1/22) (CONNECTOR) 	<ul style="list-style-type: none"> VC-516BOARD(15/22) (HDMI TRANSMITTER)
<ul style="list-style-type: none"> VC-516 BOARD(2/22) (CONNECTOR) 	<ul style="list-style-type: none"> VC-516 BOARD(16/22) (AUDIO/VIDEO PROCESSOR)
<ul style="list-style-type: none"> VC-516 BOARD(3/22) (CPU (SIGNAL PROCESS)) 	<ul style="list-style-type: none"> VC-516 BOARD(17/22) (NOT USED)
<ul style="list-style-type: none"> VC-516 BOARD(4/22) (CPU (POWER)) 	<ul style="list-style-type: none"> VC-516 BOARD(18/22) (G SENSOR)
<ul style="list-style-type: none"> VC-516 BOARD(5/22) (MOBILE DDR SDRAM) 	<ul style="list-style-type: none"> VC-516 BOARD(19/22) (CONNECTOR)
<ul style="list-style-type: none"> VC-516 BOARD(6/22) (CPU) 	<ul style="list-style-type: none"> VC-516 BOARD(20/22) (BATT CHARGE/SHOE POWER SUPPLY)
<ul style="list-style-type: none"> VC-516 BOARD(7/22) (CPU) 	<ul style="list-style-type: none"> VC-516 BOARD(21/22) (POWER SUPPLY)
<ul style="list-style-type: none"> VC-516 BOARD(8/22) (CPU) 	<ul style="list-style-type: none"> VC-516 BOARD(22/22) (LANC PROCESSOR)
<ul style="list-style-type: none"> VC-516 BOARD(9/22) (SDRAM/ONE NAND) 	<ul style="list-style-type: none"> LD-230 BOARD(1/4) (CONNECTOR)
<ul style="list-style-type: none"> VC-516 BOARD(10/22) (PCI PROCESSOR) 	<ul style="list-style-type: none"> LD-230 BOARD(2/4) (ZOOM AND FOCUS DRIVE)
<ul style="list-style-type: none"> VC-516 BOARD(11/22) (MOBILE DDR SDRAM) 	<ul style="list-style-type: none"> LD-230 BOARD(3/4) (STEADYSHOT PROCESSOR)
<ul style="list-style-type: none"> VC-516 BOARD(12/22) (SOC) 	<ul style="list-style-type: none"> LD-230 BOARD(4/4) (SHUTTER DRIVER)
<ul style="list-style-type: none"> VC-516 BOARD(13/22) (D4 DRIVER) 	

• COMMON NOTE FOR SCHEMATIC DIAGRAMS

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	External dimensions (mm)
	Case size	

- 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.
- : not use circuit

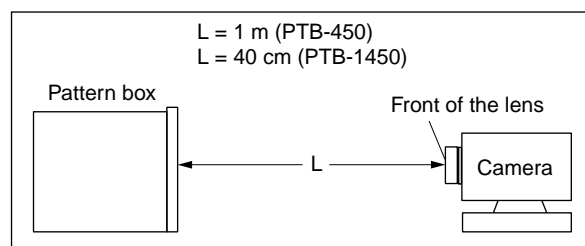
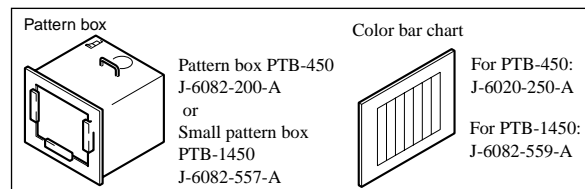
(Measuring conditions voltage and waveform)

- 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 M Ω 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



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

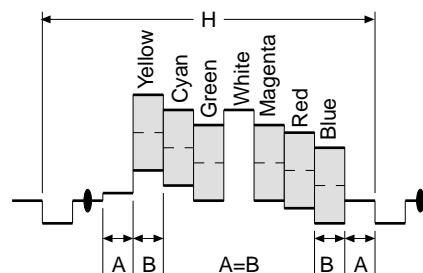


Fig. a (Video output terminal output waveform)

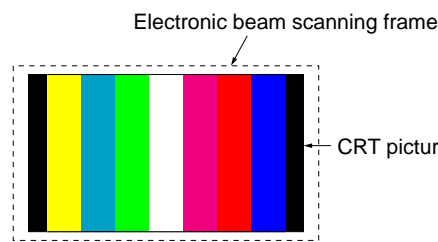


Fig.b (Picture on monitor TV)

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ト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。
- ・ は未使用回路。

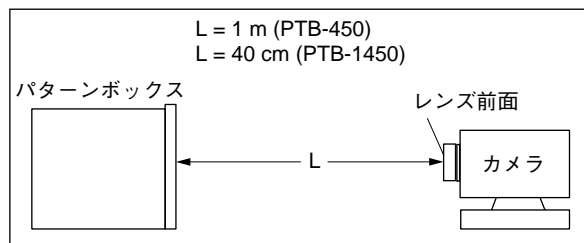
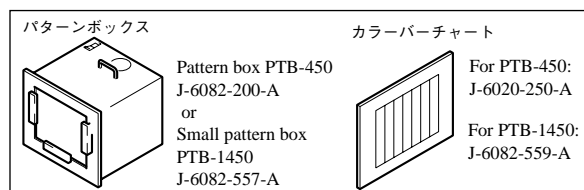
【電圧・波形測定条件ノート】

- ・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对アース間の参考値。
(デジタルマルチメータ; 入力インピーダンス DC10M Ω 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。

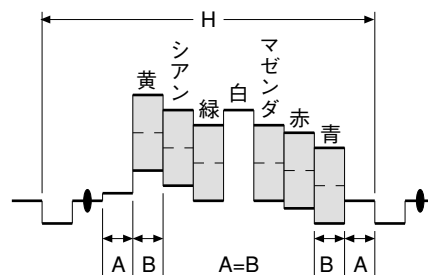
イメージ交換時の注意

- ・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、および強い光がはいることのないように注意してください。

1. 接続図

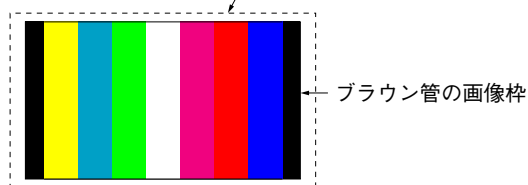


- 2. 図a及び図bの波形が得られるように画枠調整して下さい。



図a (映像入出力端子出力波形)

電子ビーム走査線

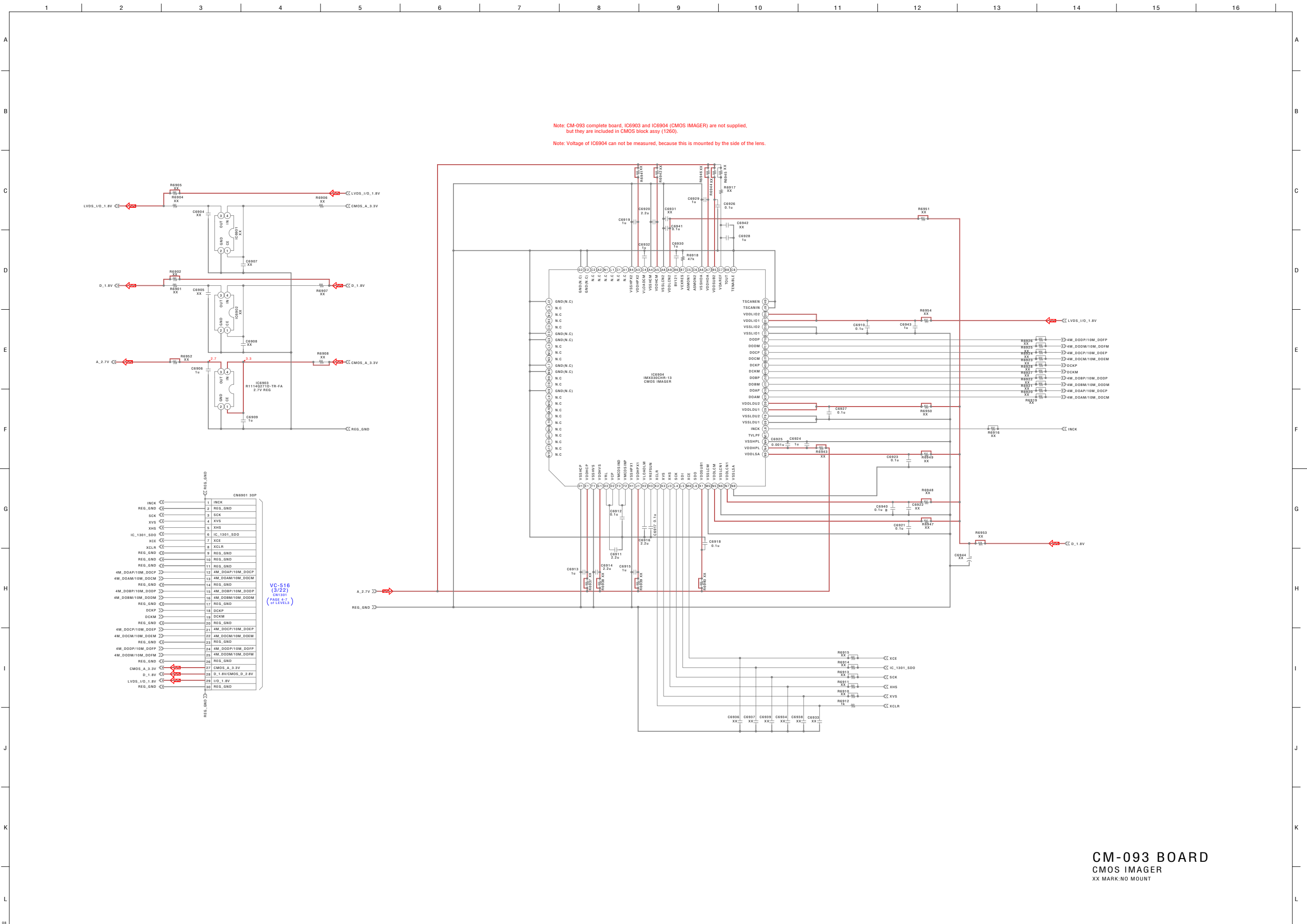


図b (テレビモニタの映像)

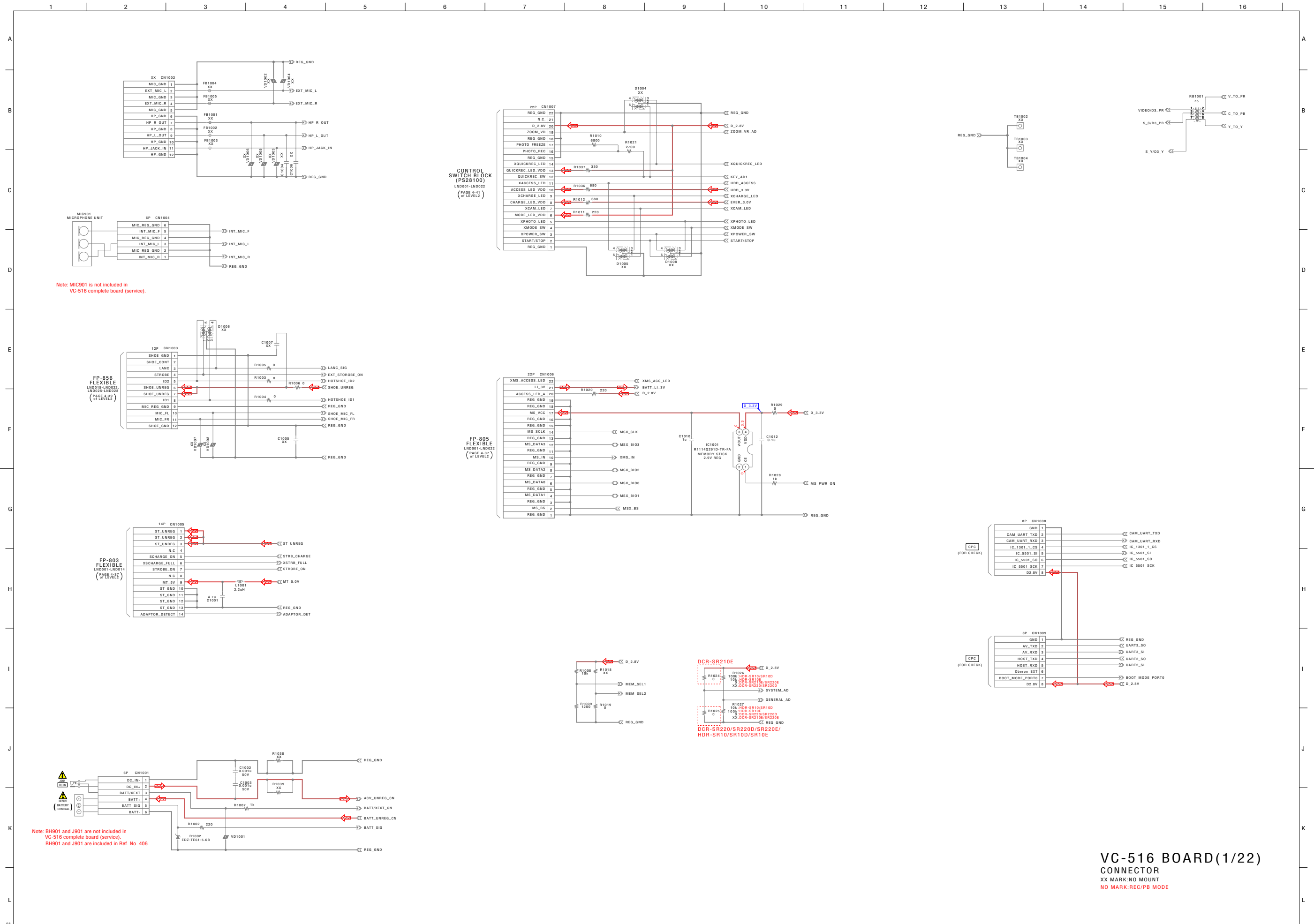
△印の部品、または△印付きの点線で囲まれた部品は、安全性を維持するために重要な部品です。従って交換時は、必ず指定の部品を使用して下さい。

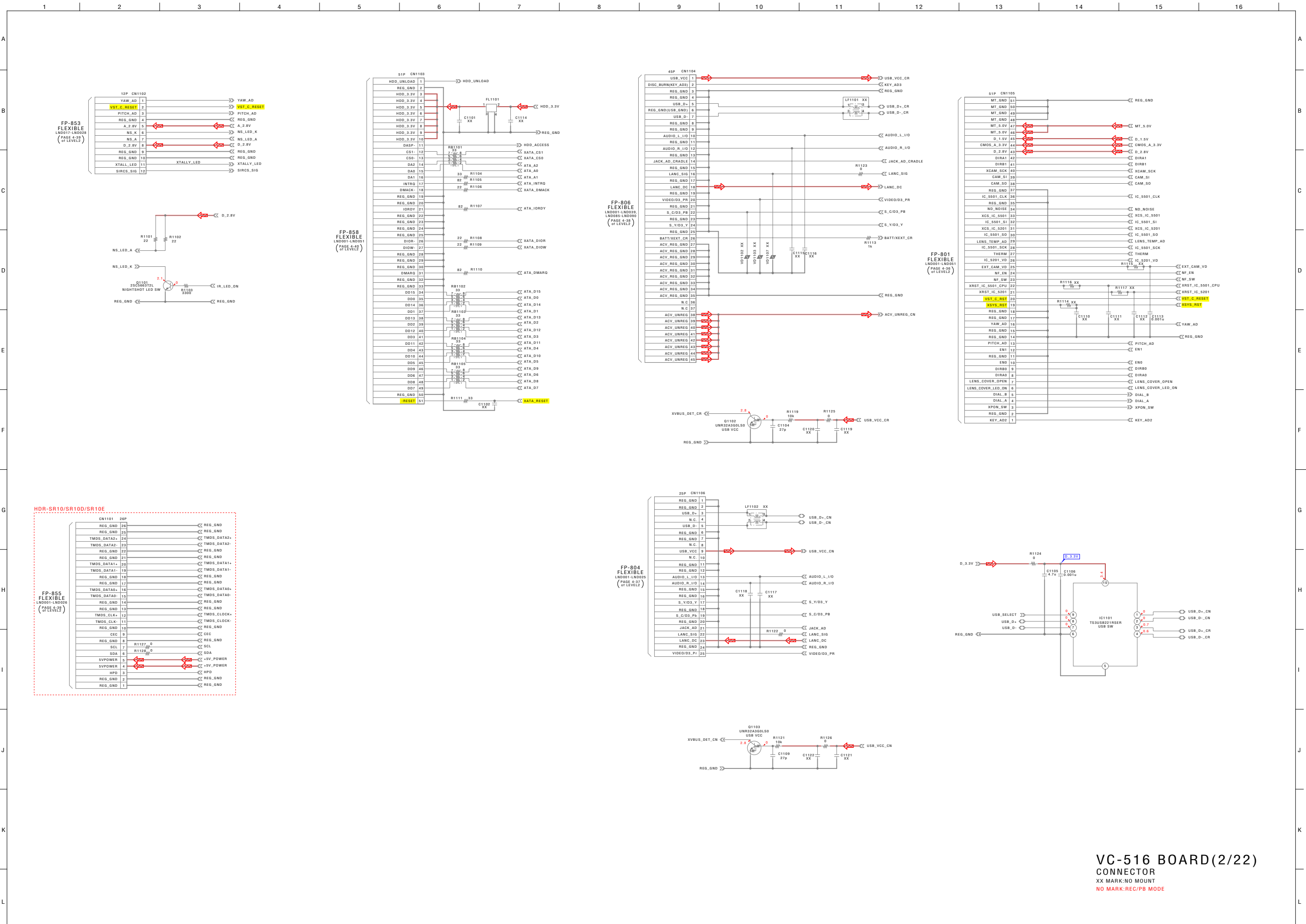
お願い

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。

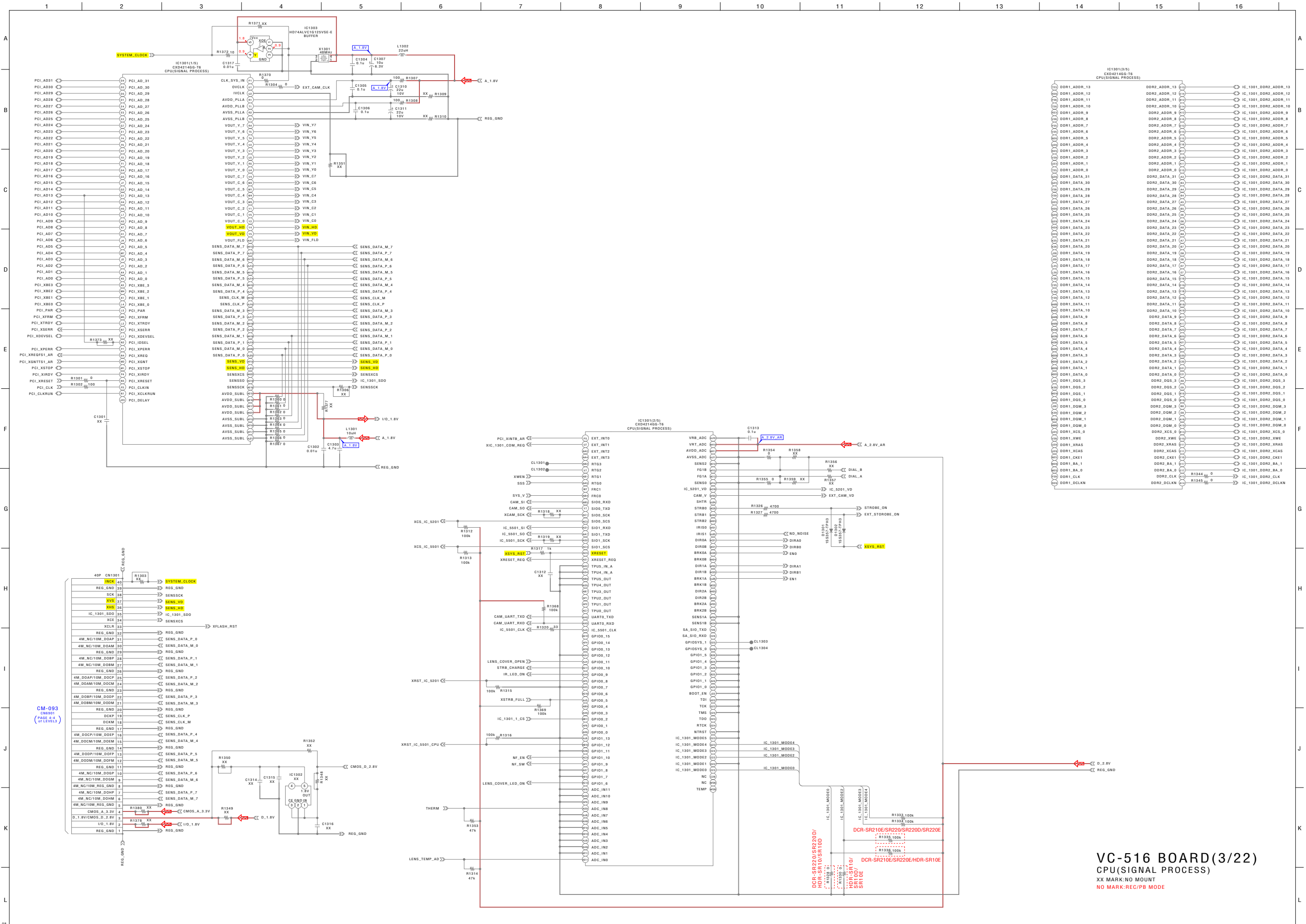


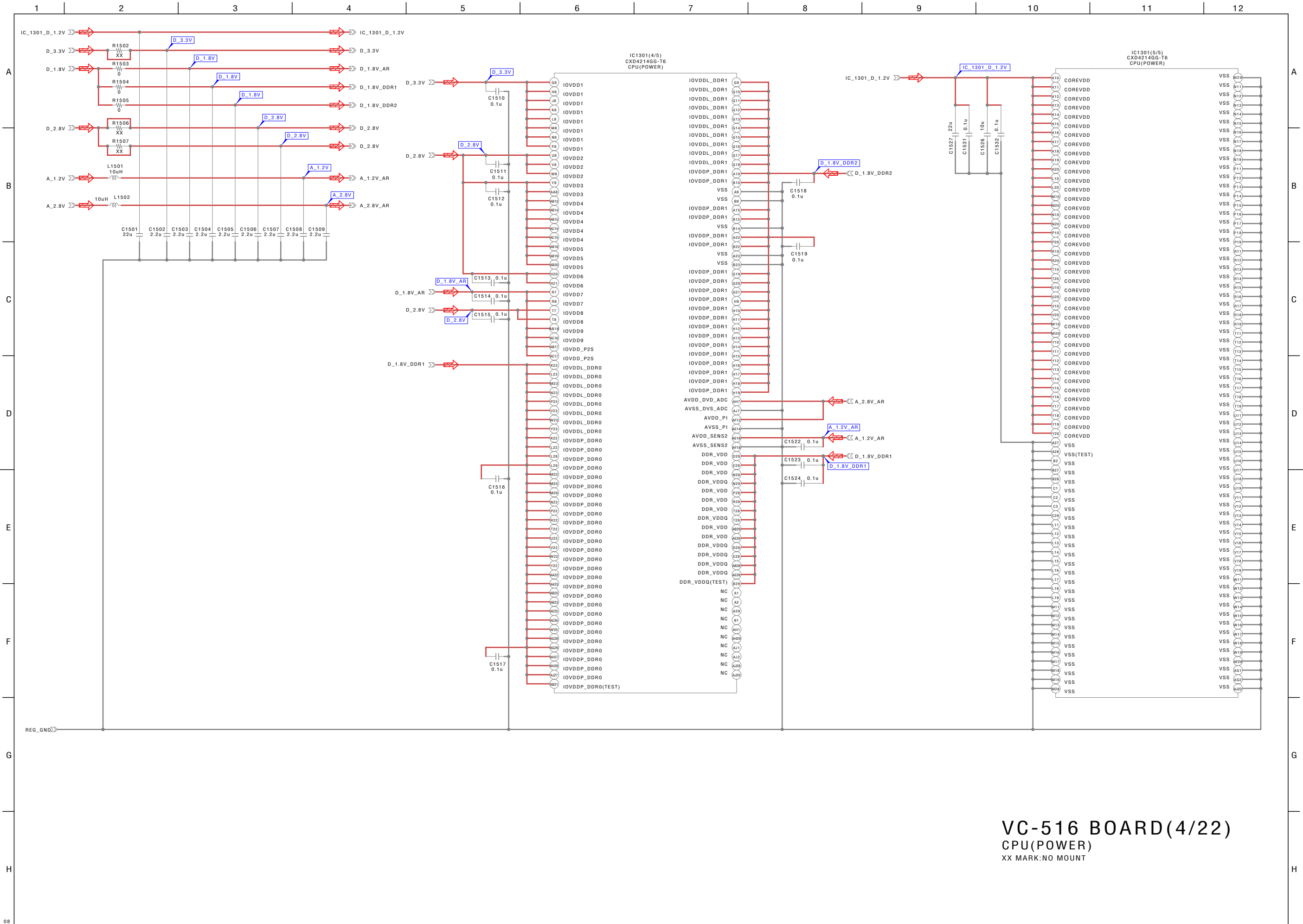
• Refer to page 4-2 (English), 4-3 (Japanese) for mark △.



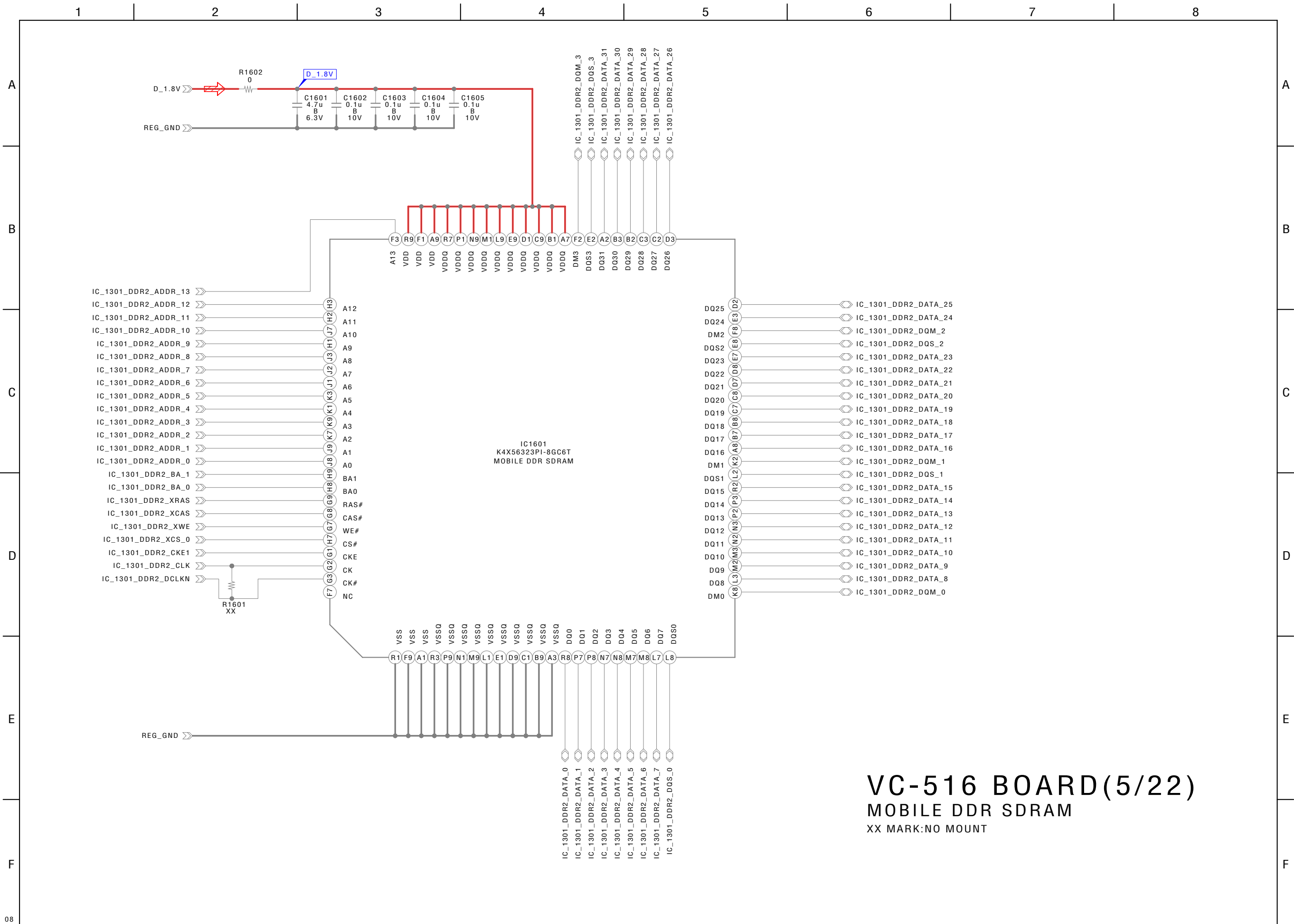


VC-516 BOARD (2/22)
CONNECTOR
XX MARK:NO MOUNT
NO MARK:REC/PB MODE

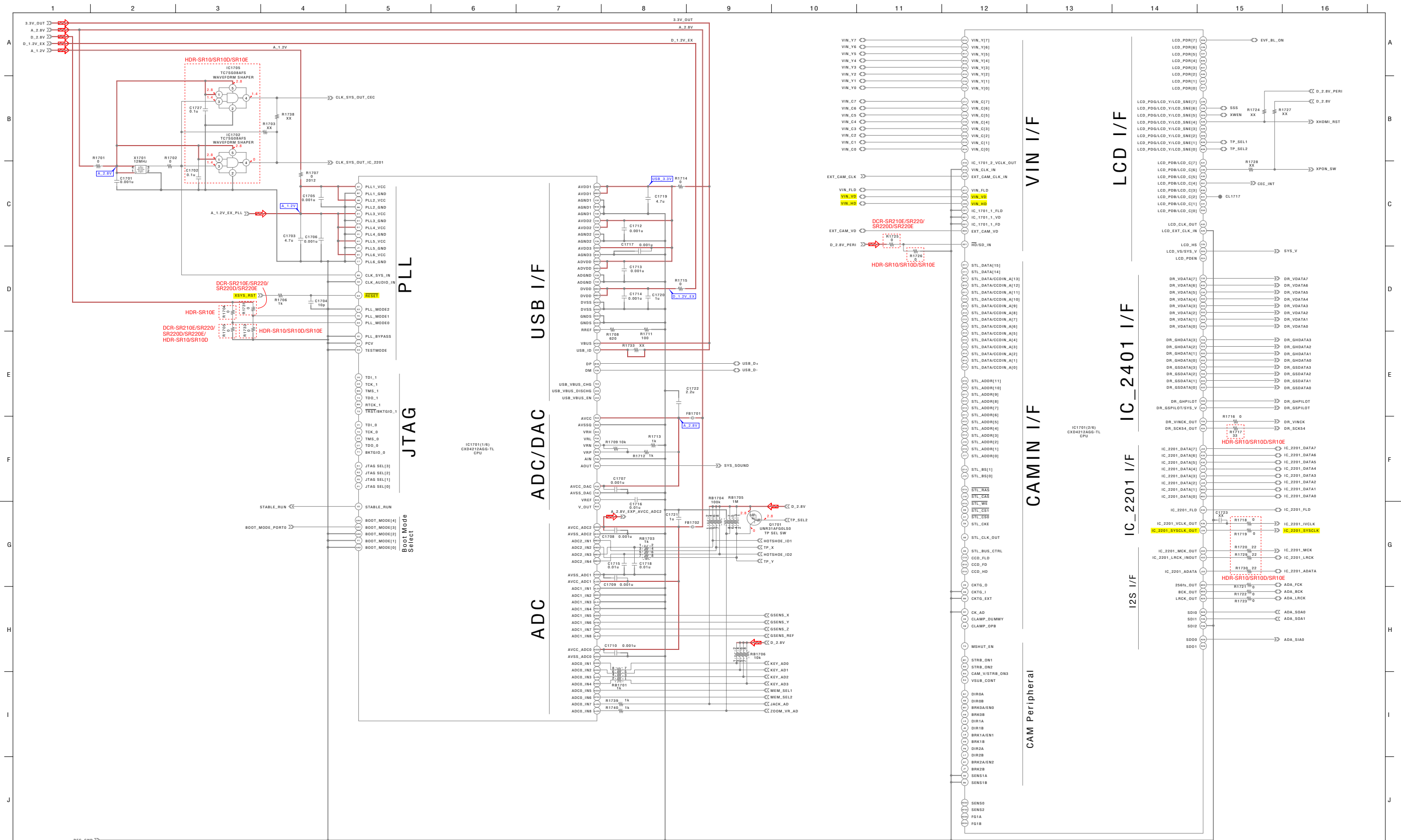




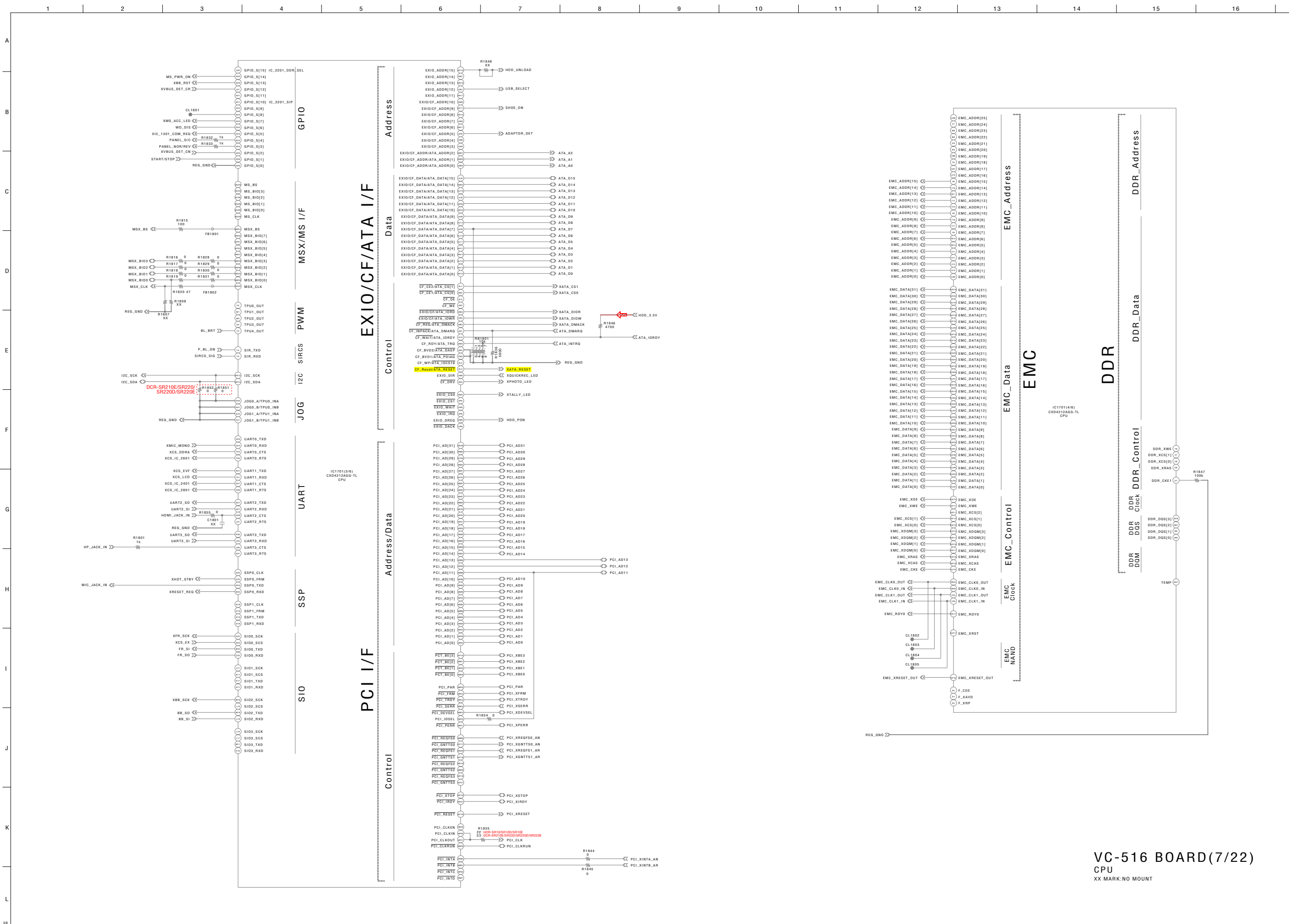
VC-516 BOARD(4/22)
CPU(POWER)
 XX MARK:NO MOUNT



VC-516 BOARD(5/22)
MOBILE DDR SDRAM
 XX MARK:NO MOUNT

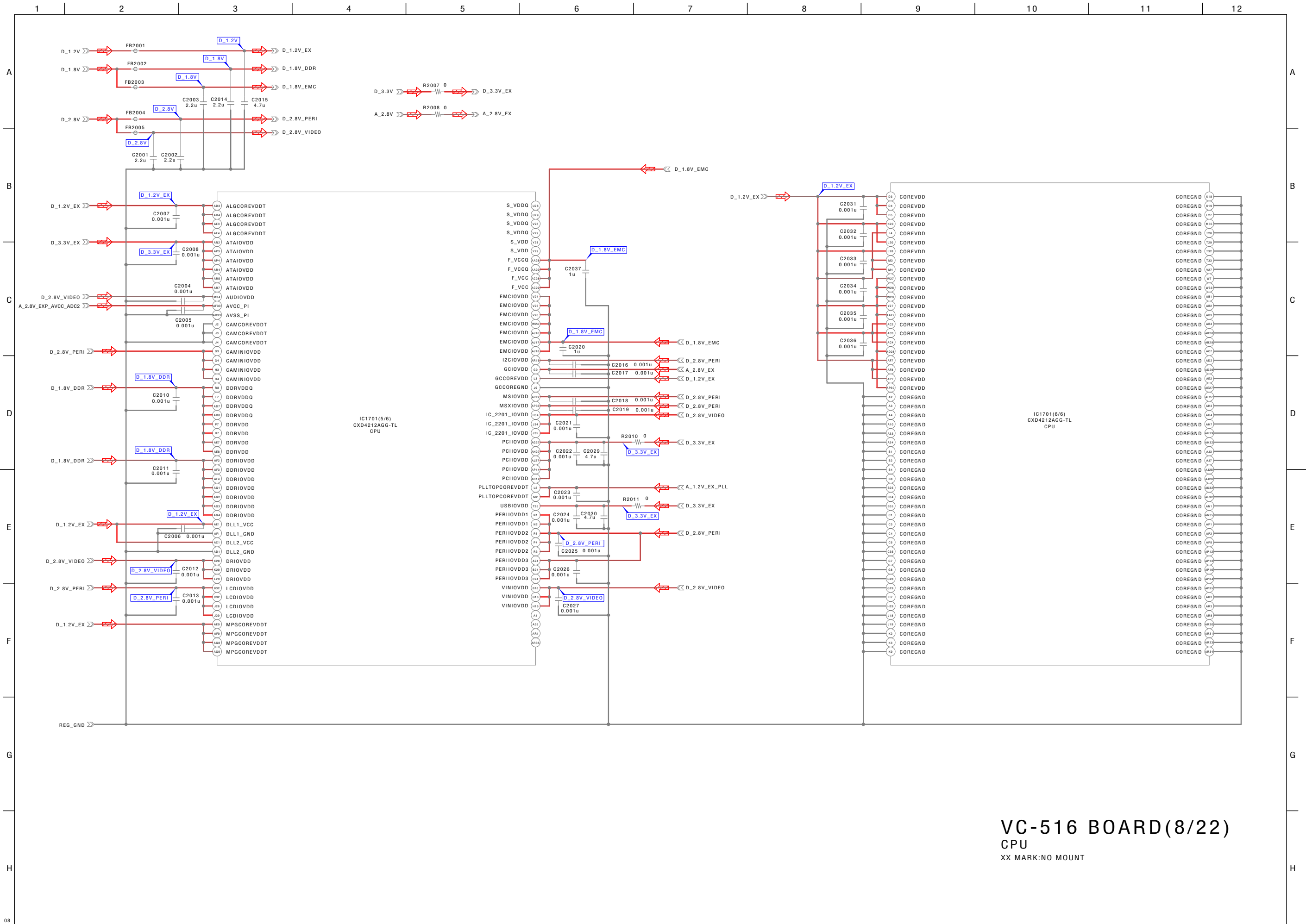


VC-516 BOARD(6/22)
CPU
XX MARK:NO MOUNT
NO MARK:REC/PB MODE

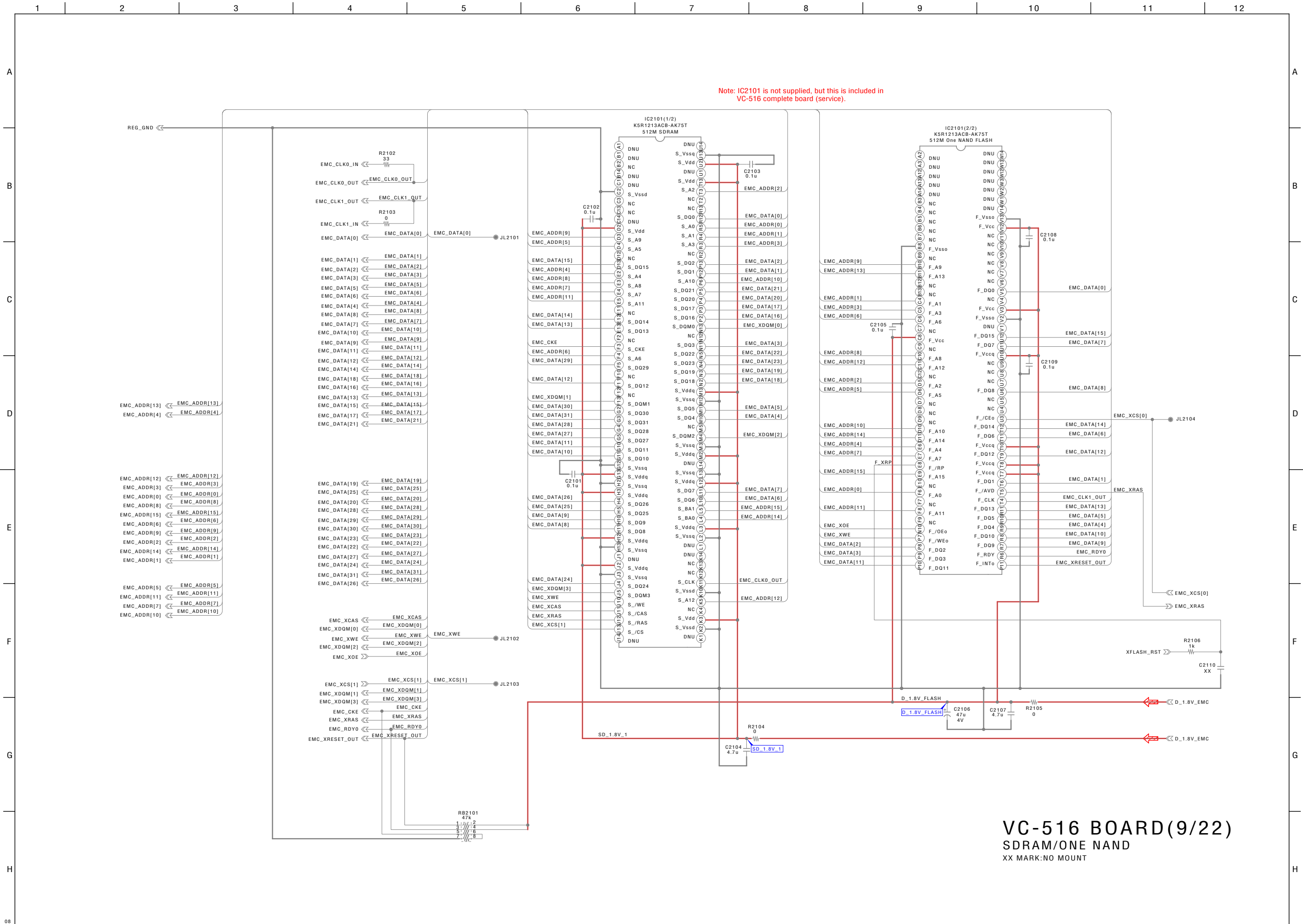


DCR-SR210E/SR220/SR220D/SR220E/
HDR-SR10/SR10D/SR10E_L3

VC-516 (7/22)

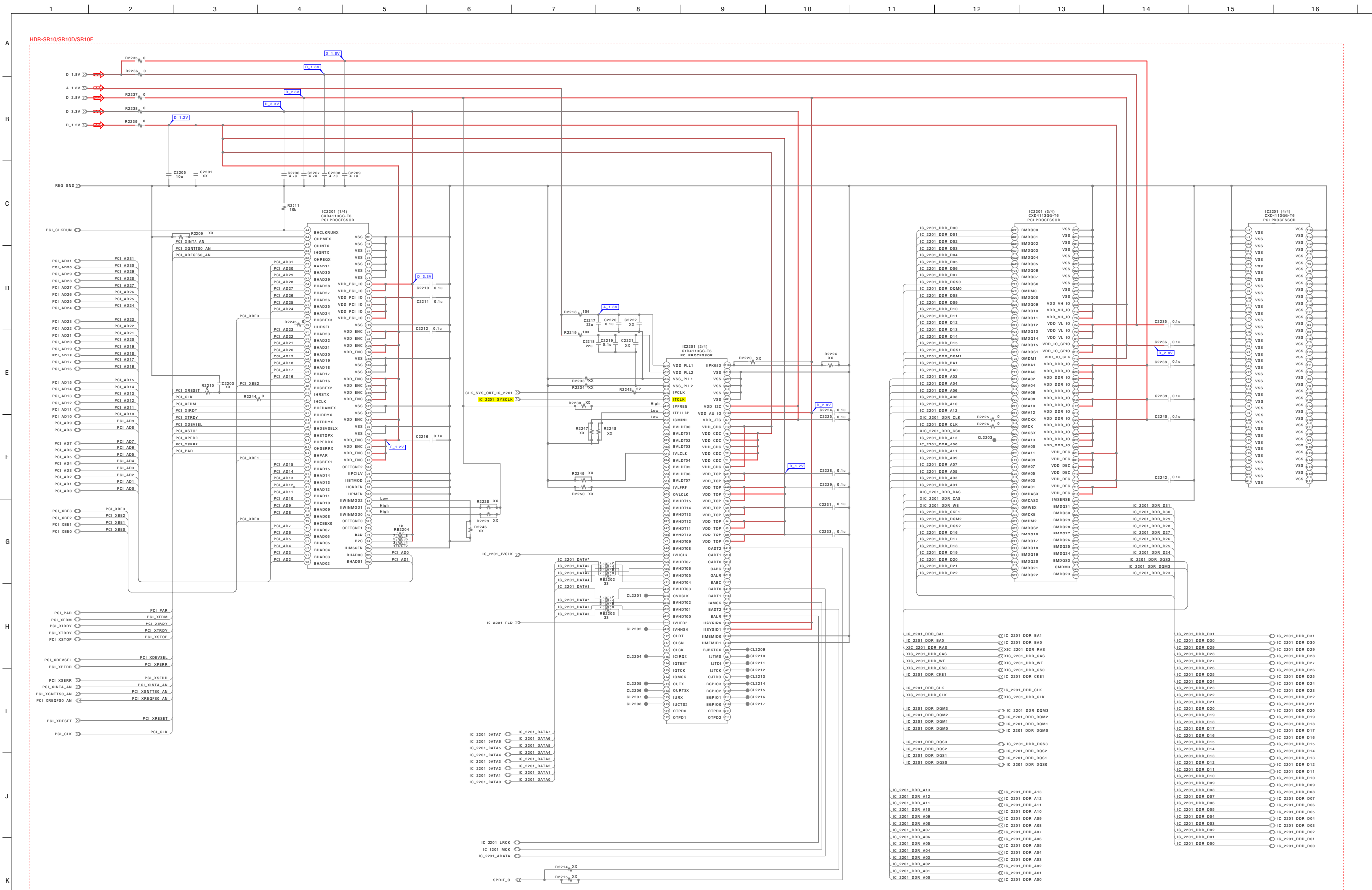


VC-516 BOARD(8/22)
 CPU
 XX MARK:NO MOUNT

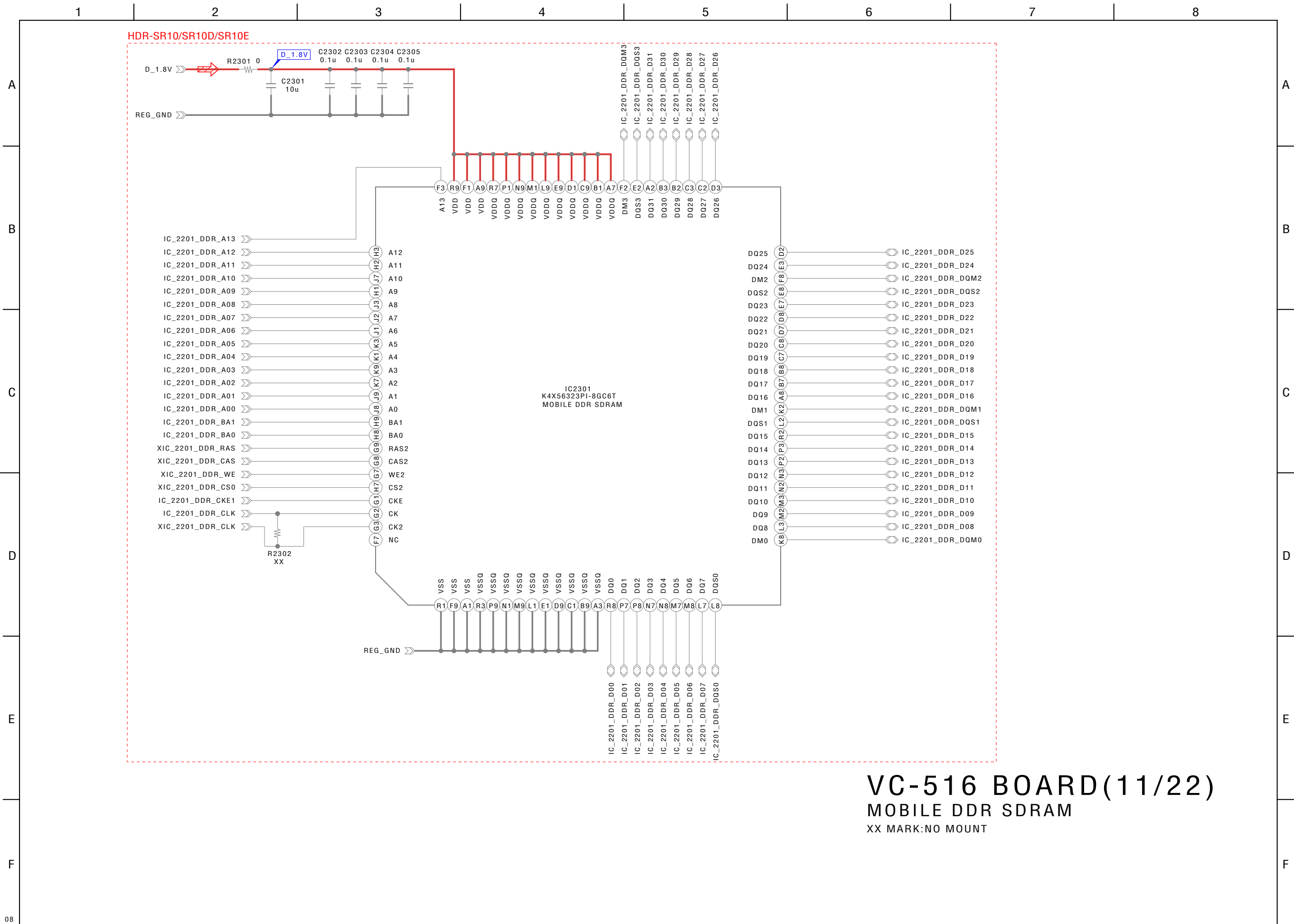


Note: IC2101 is not supplied, but this is included in VC-516 complete board (service).

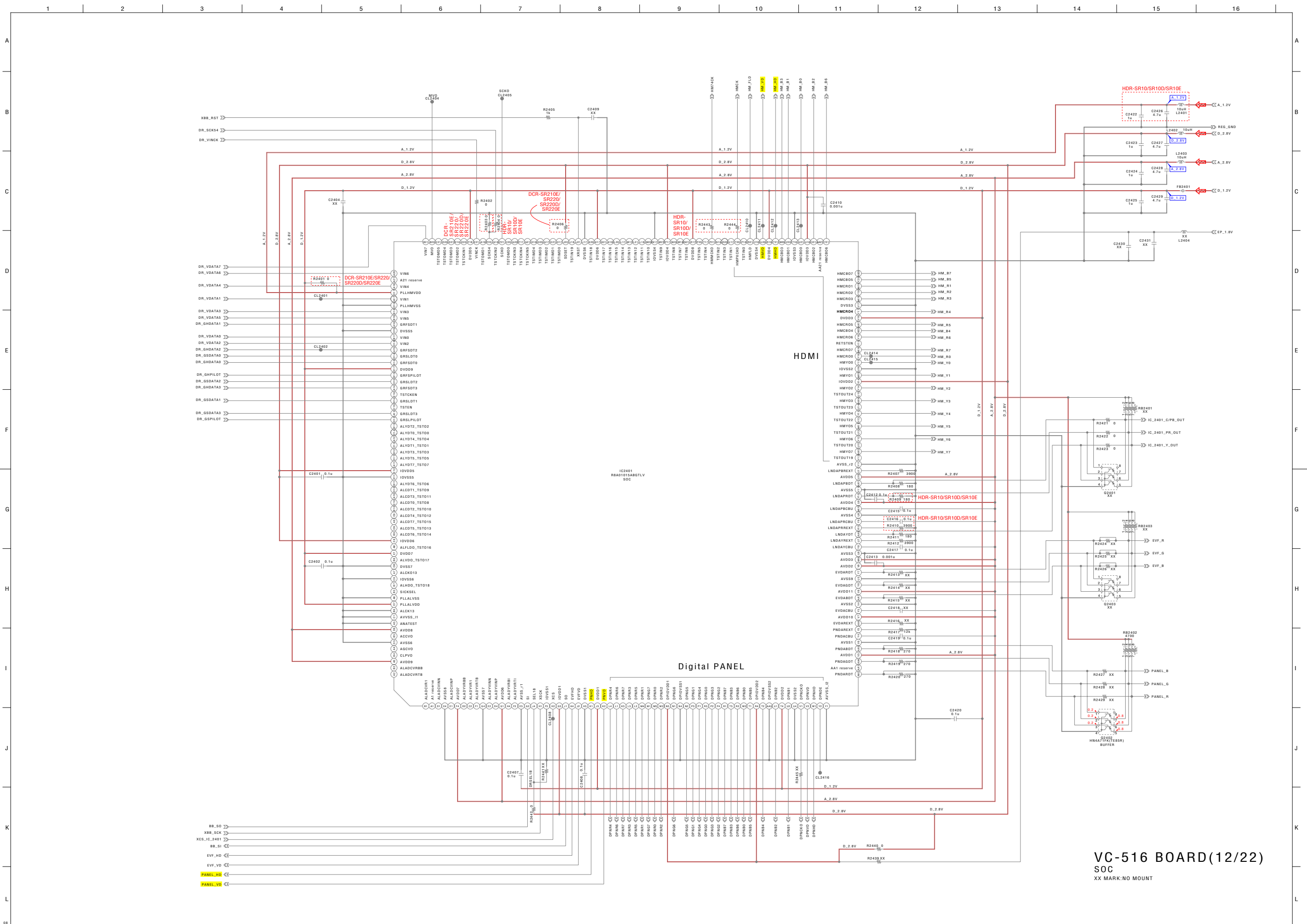
VC-516 BOARD(9/22)
 SDRAM/ONE NAND
 XX MARK:NO MOUNT



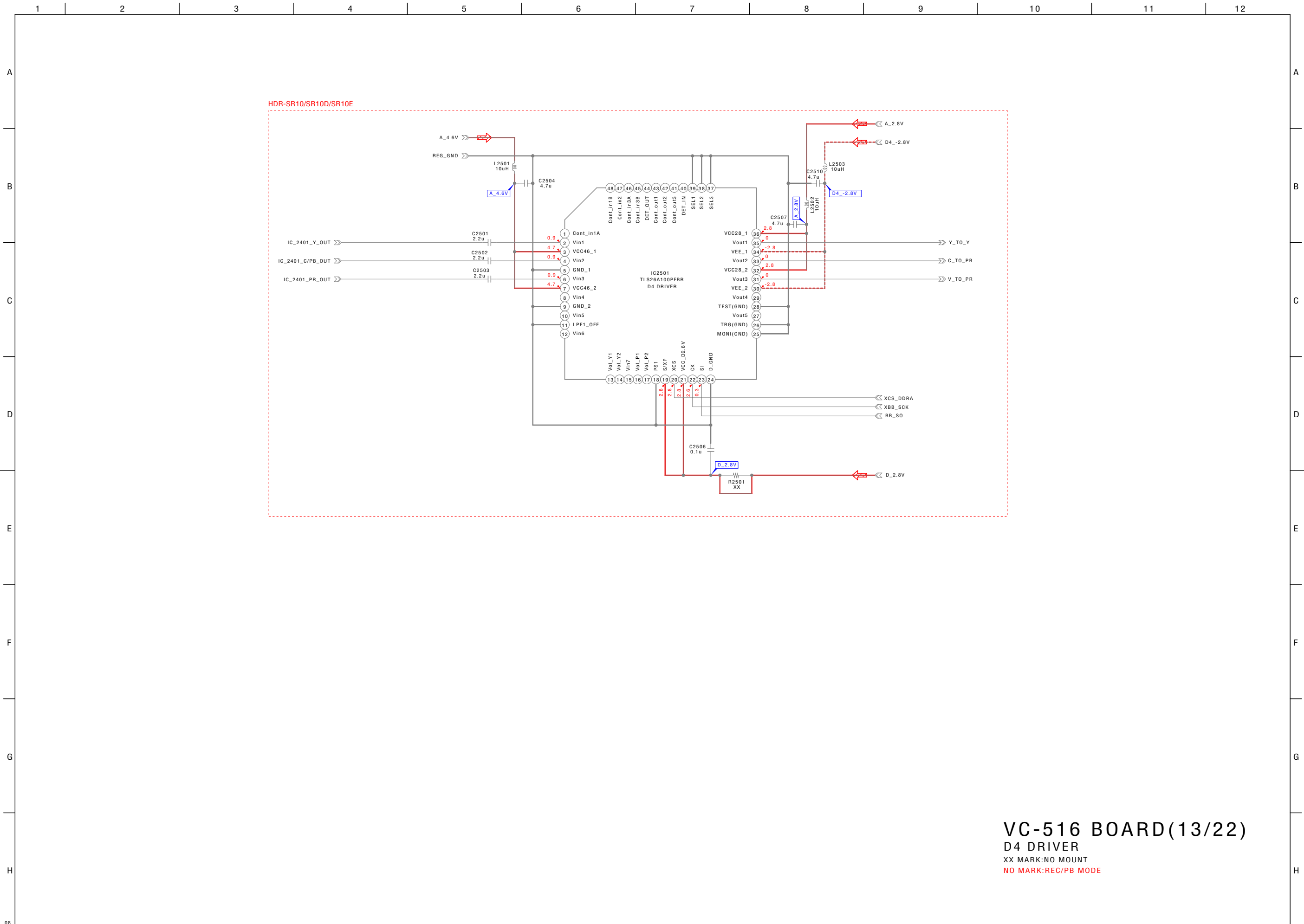
VC-516 BOARD(10/22)
PCI PROCESSOR
XX MARK:NO MOUNT



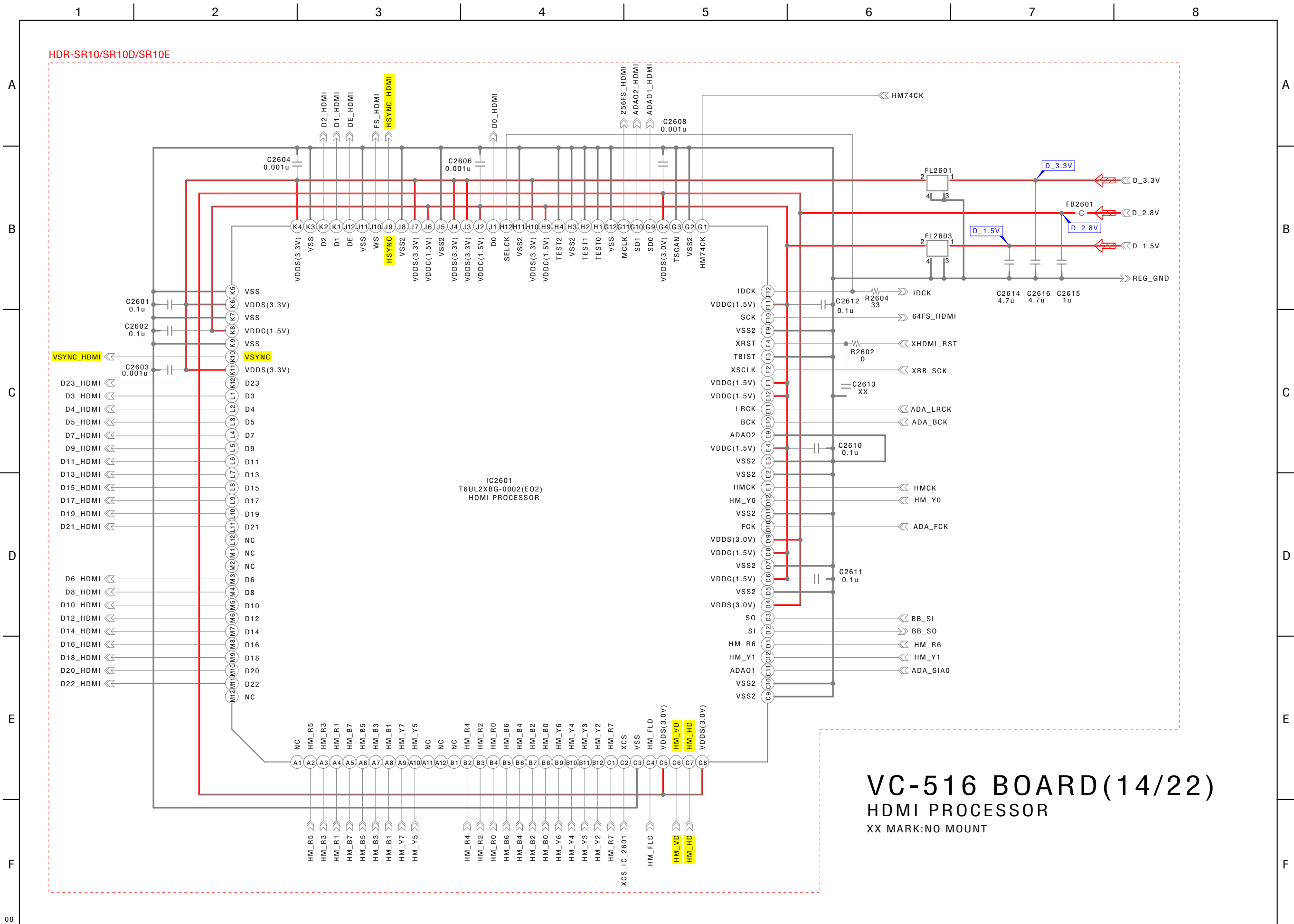
VC-516 BOARD(11/22)
MOBILE DDR SDRAM
 XX MARK:NO MOUNT

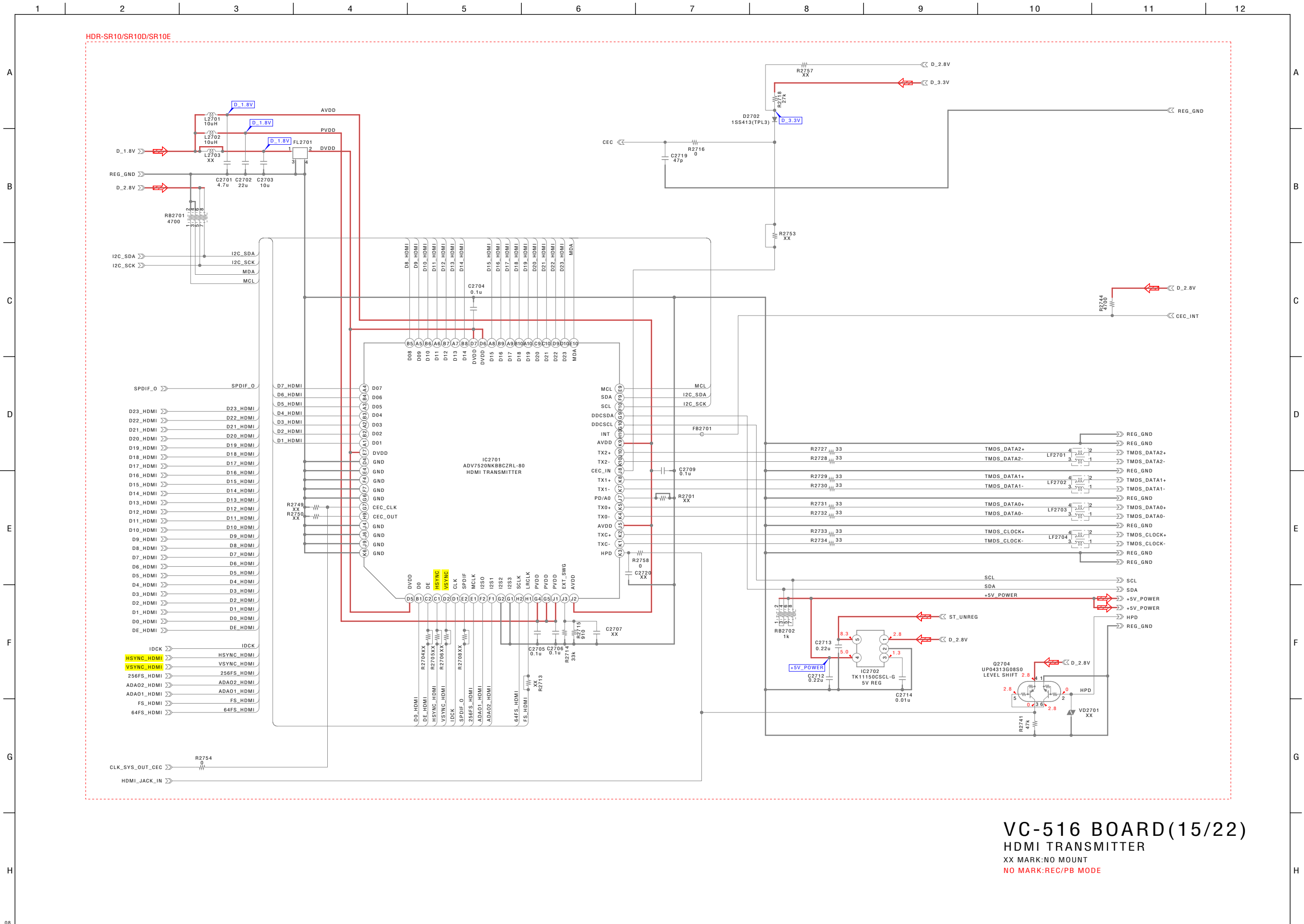


VC-516 BOARD(12/22)
 SOC
 XX MARK:NO MOUNT

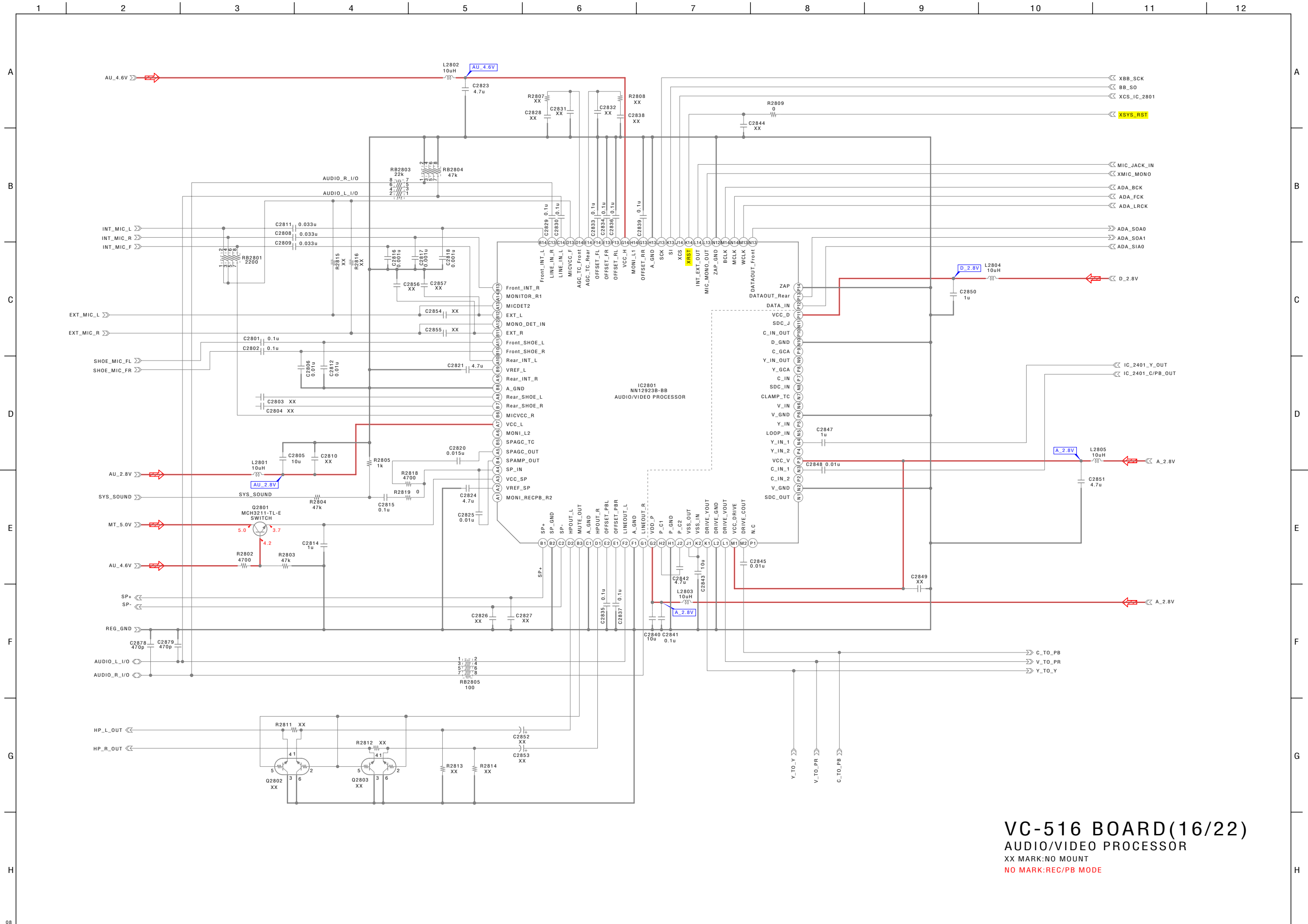


VC-516 BOARD(13/22)
D4 DRIVER
 XX MARK:NO MOUNT
 NO MARK:REC/PB MODE

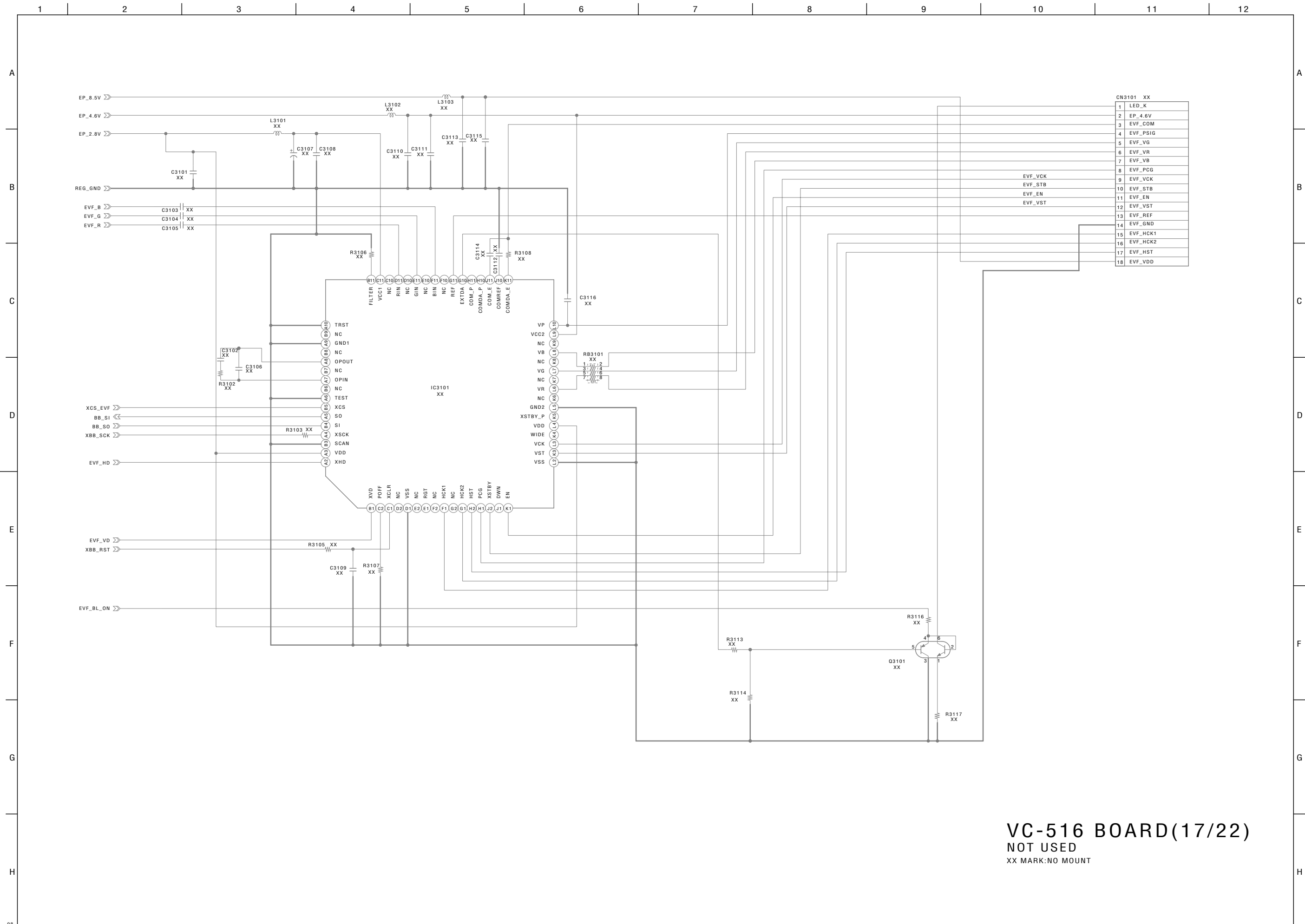




VC-516 BOARD(15/22)
HDMI TRANSMITTER
 XX MARK:NO MOUNT
 NO MARK:REC/PB MODE

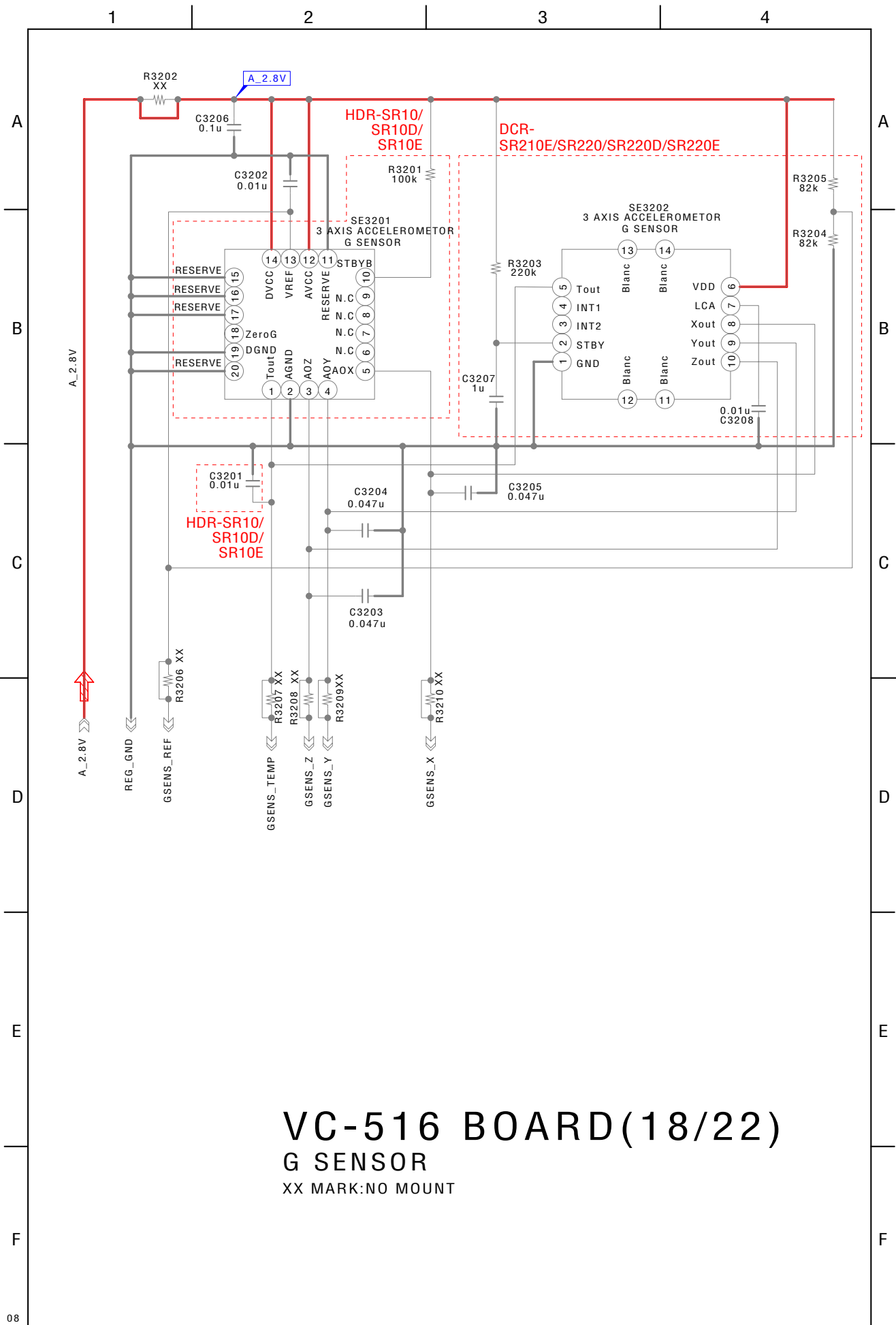


VC-516 BOARD(16/22)
AUDIO/VIDEO PROCESSOR
 XX MARK:NO MOUNT
 NO MARK:REC/PB MODE

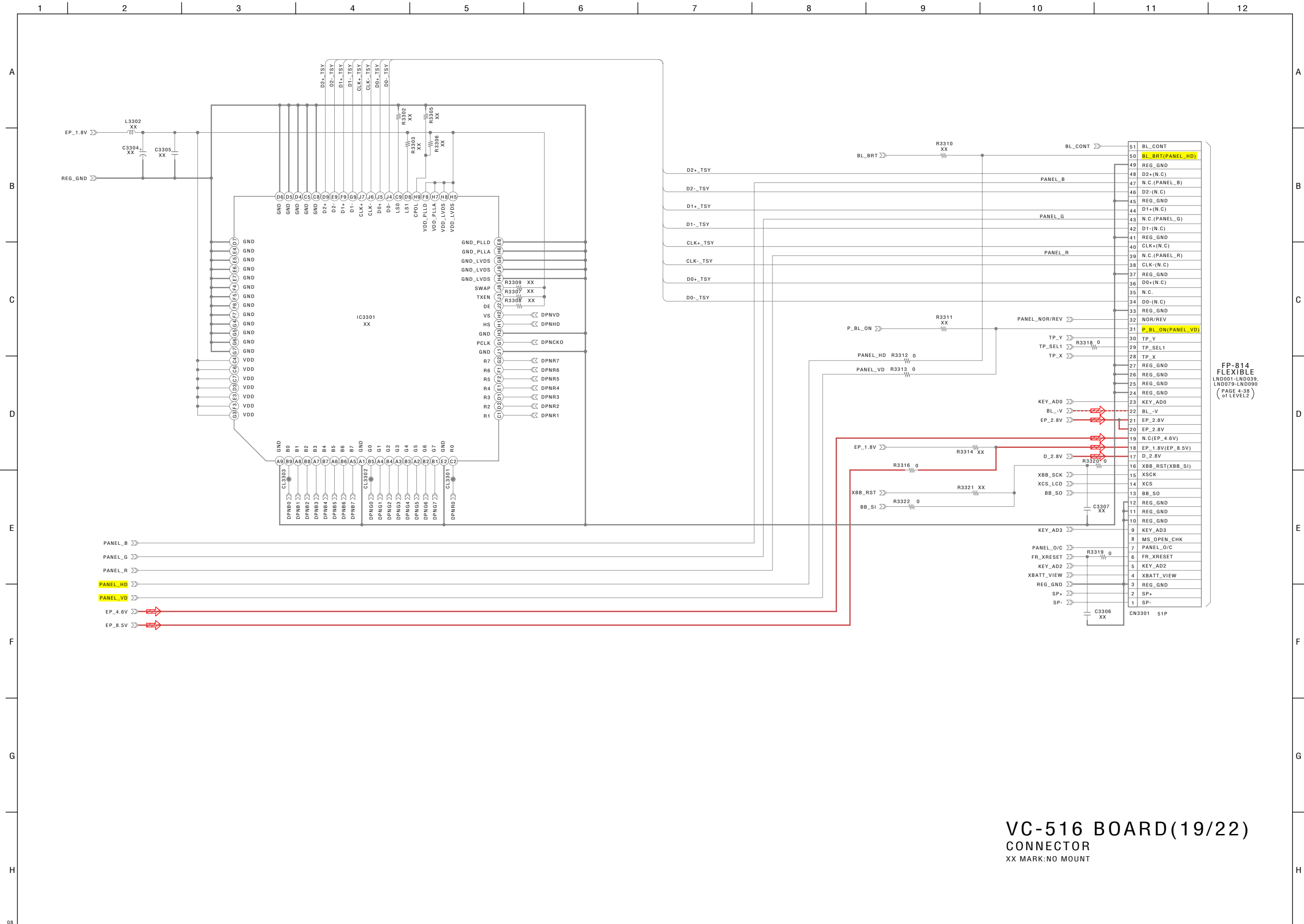


CN3101 XX	
1	LED_K
2	EP_4.6V
3	EVF_COM
4	EVF_PSIG
5	EVF_VG
6	EVF_VR
7	EVF_VB
8	EVF_PCG
9	EVF_VCK
10	EVF_STB
11	EVF_EN
12	EVF_VST
13	EVF_REF
14	EVF_GND
15	EVF_HCK1
16	EVF_HCK2
17	EVF_HST
18	EVF_VDD

VC-516 BOARD(17/22)
 NOT USED
 XX MARK:NO MOUNT



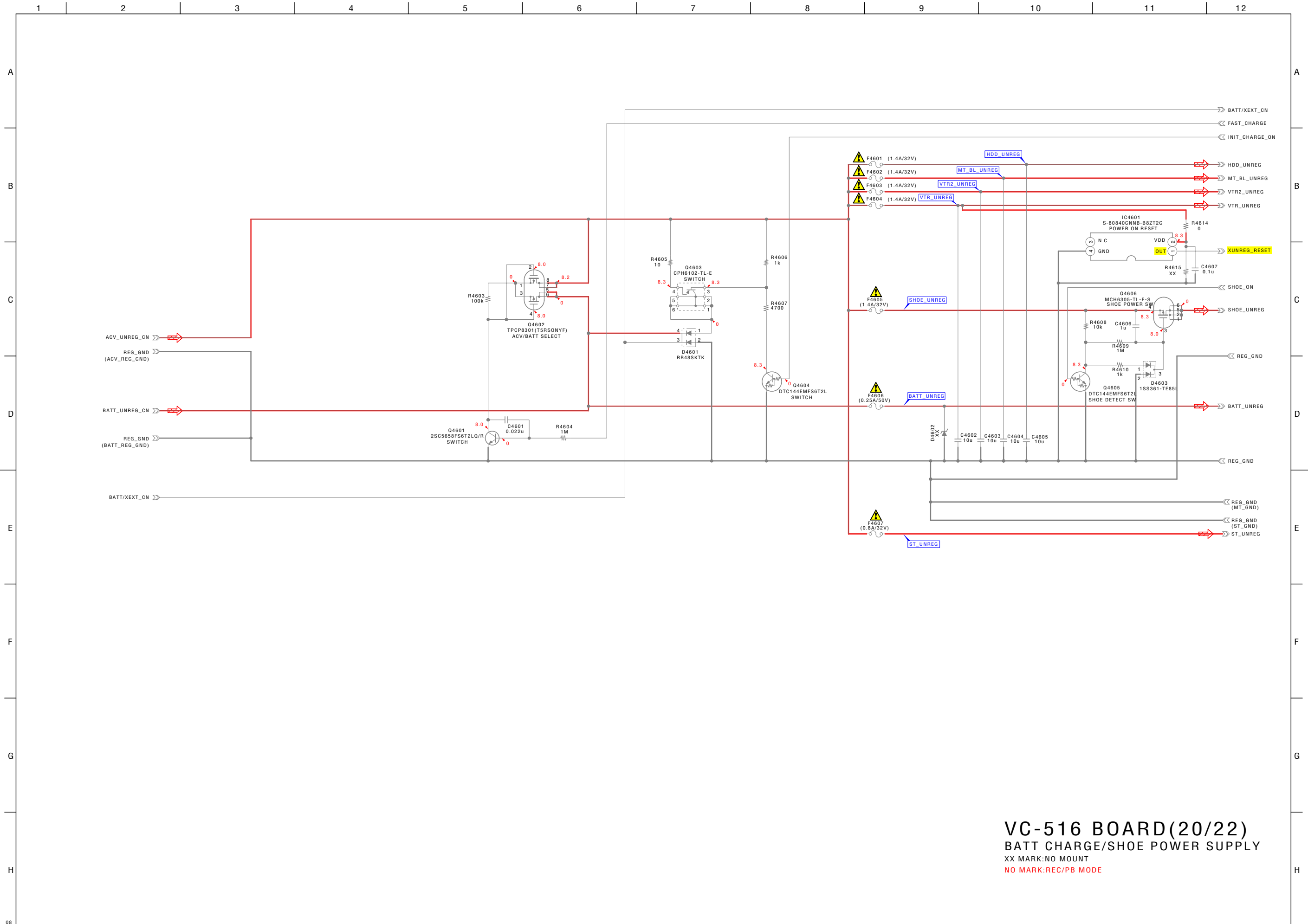
VC-516 BOARD(18/22)
G SENSOR
 XX MARK:NO MOUNT

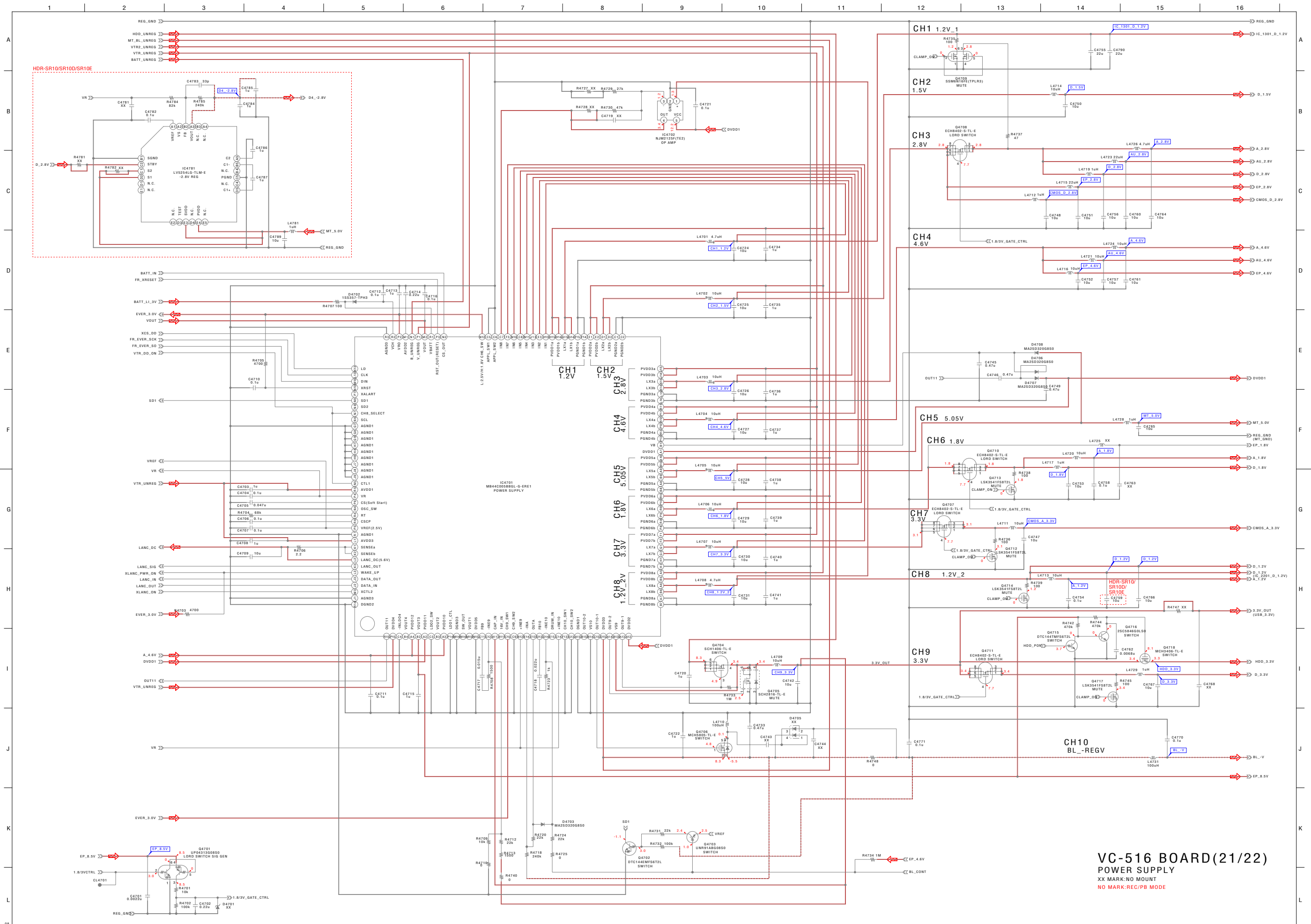


FP-814
FLEXIBLE
LND001-LND039,
LND079-LND099
(PAGE 4-38
OF LEVEL2)

**VC-516 BOARD(19/22)
CONNECTOR**
XX MARK:NO MOUNT

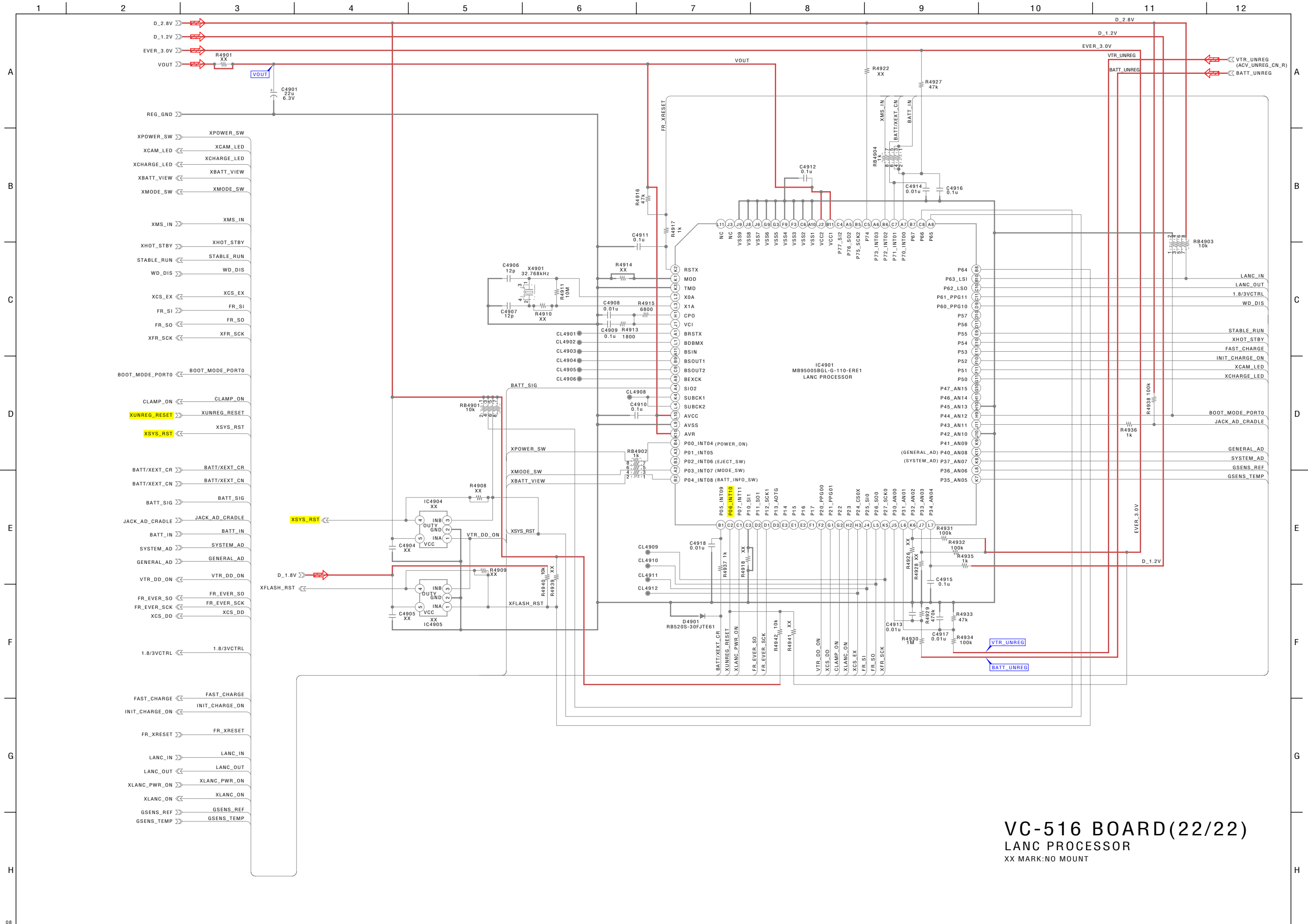
• Refer to page 4-2 (English), 4-3 (Japanese) for mark △.



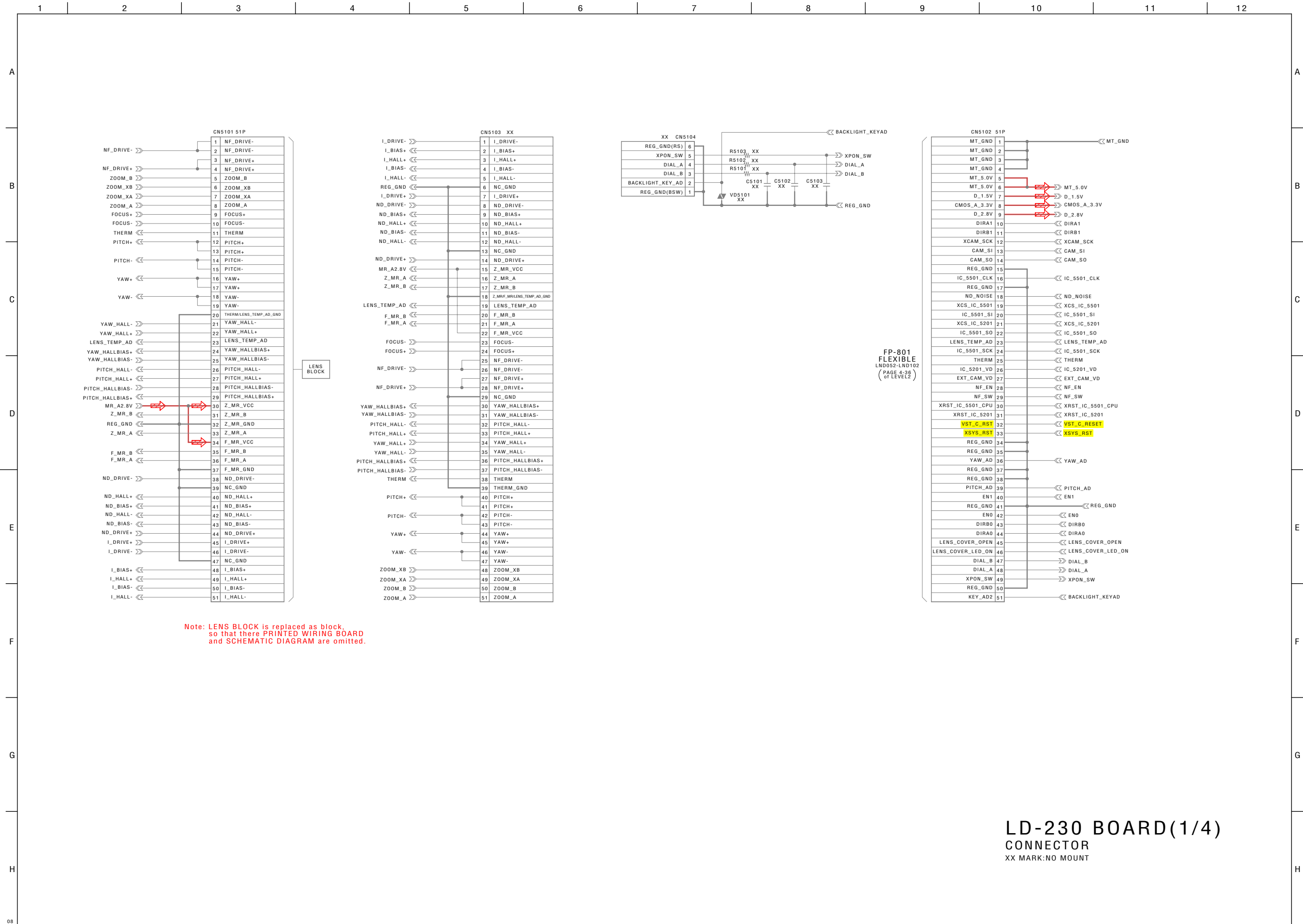


VC-516 BOARD (21/22)
POWER SUPPLY
 XX MARK:NO MOUNT
 NO MARK:REC/PB MODE

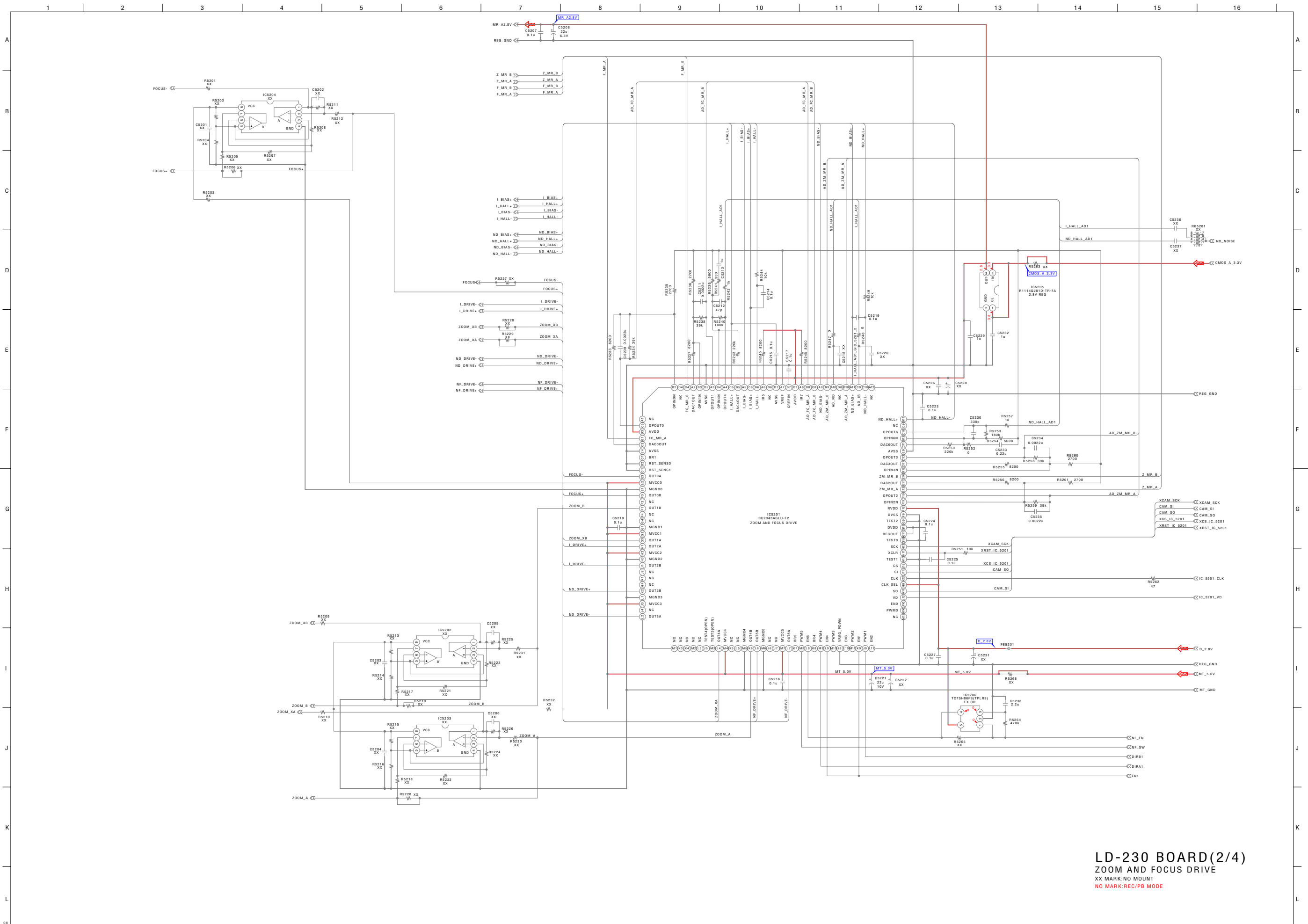
DCR-SR210E/SR220/SR220D/SR220E/
 HDR-SR10/SR10D/SR10E_L3



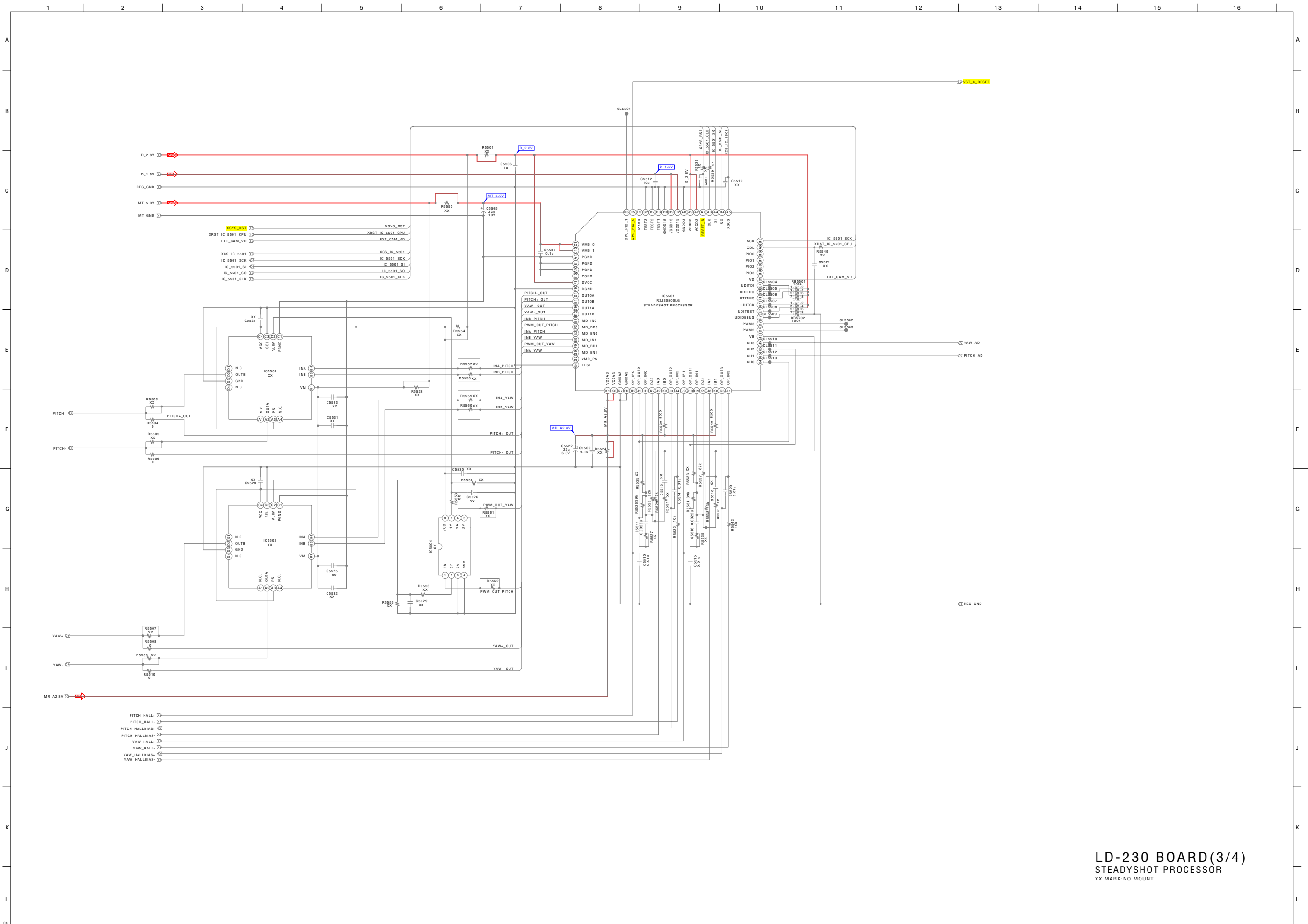
VC-516 BOARD (22/22)
LANC PROCESSOR
 XX MARK:NO MOUNT



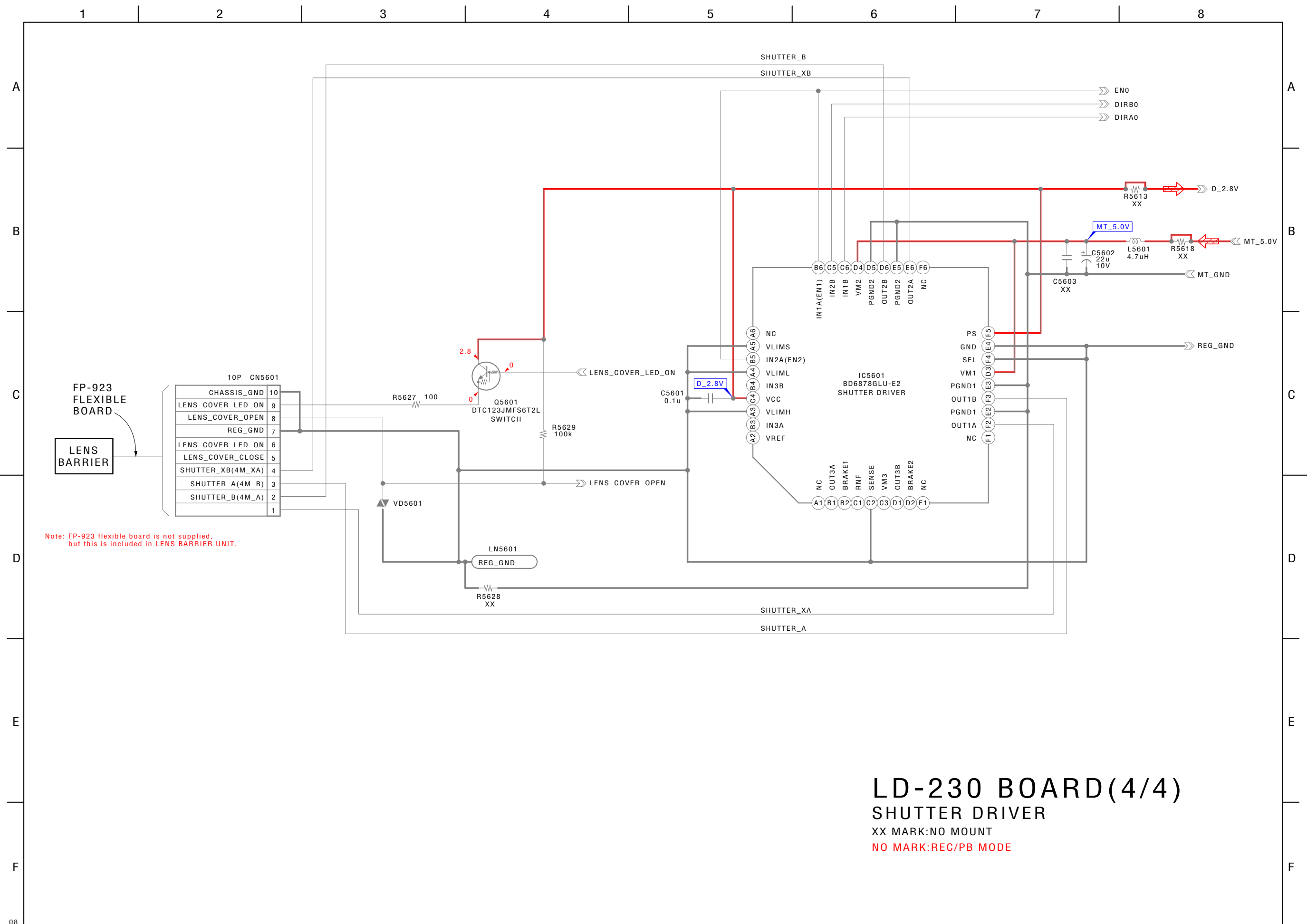
**LD-230 BOARD(1/4)
CONNECTOR**
XX MARK:NO MOUNT



LD-230 BOARD (2/4)
ZOOM AND FOCUS DRIVE
 XX MARK:NO MOUNT
 NO MARK:REC/PB MODE



LD-230 BOARD (3/4)
STEADYSHOT PROCESSOR
XX MARK:NO MOUNT



FP-923 FLEXIBLE BOARD

LENS BARRIER

10P CN5601	
CHASSIS_GND	10
LENS_COVER_LED_ON	9
LENS_COVER_OPEN	8
REG_GND	7
LENS_COVER_LED_ON	6
LENS_COVER_CLOSE	5
SHUTTER_XB(4M_XA)	4
SHUTTER_A(4M_B)	3
SHUTTER_B(4M_A)	2
	1

Note: FP-923 flexible board is not supplied, but this is included in LENS BARRIER UNIT.

LD-230 BOARD(4/4)

SHUTTER DRIVER

XX MARK:NO MOUNT
NO MARK:REC/PB MODE

4-3. PRINTED WIRING BOARDS

Link

• [CM-093 BOARD](#)

• [VC-516 BOARD \(SIDE B\)](#)

• [VC-516 BOARD \(SIDE A\)](#)

• [LD-230 BOARD](#)







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

4-3. PRINTED WIRING BOARDS

4-3. PRINTED WIRING BOARDS

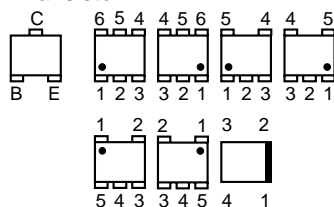
(ENGLISH)

THIS NOTE IS COMMON FOR PRINTED WIRING BOARDS

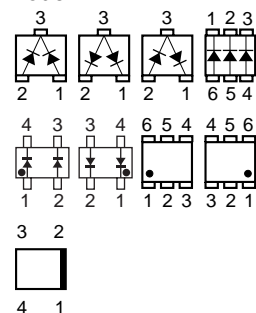
-  : Uses unleaded solder.
-  : Circuit board
-  : Flexible board
-  : Pattern from the side which enables seeing.
-  : pattern of the rear side
(The other layers' patterns are not indicated)
- Through hole is omitted.
- There are a few cases that the part printed on diagram isn't mounted in this model.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

- Chip parts.

Transistor









Diode



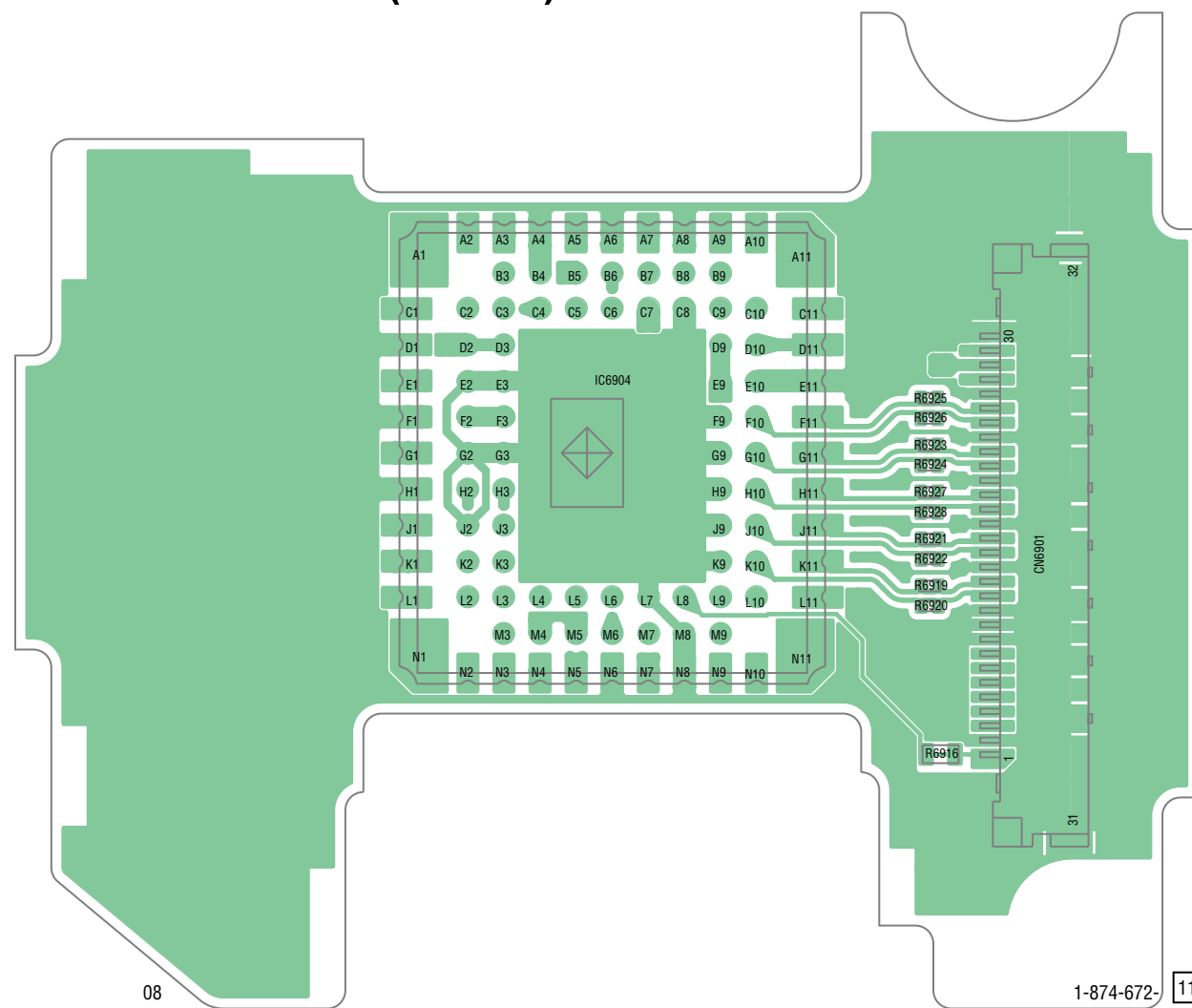
(JAPANESE)

プリント図共通ノート

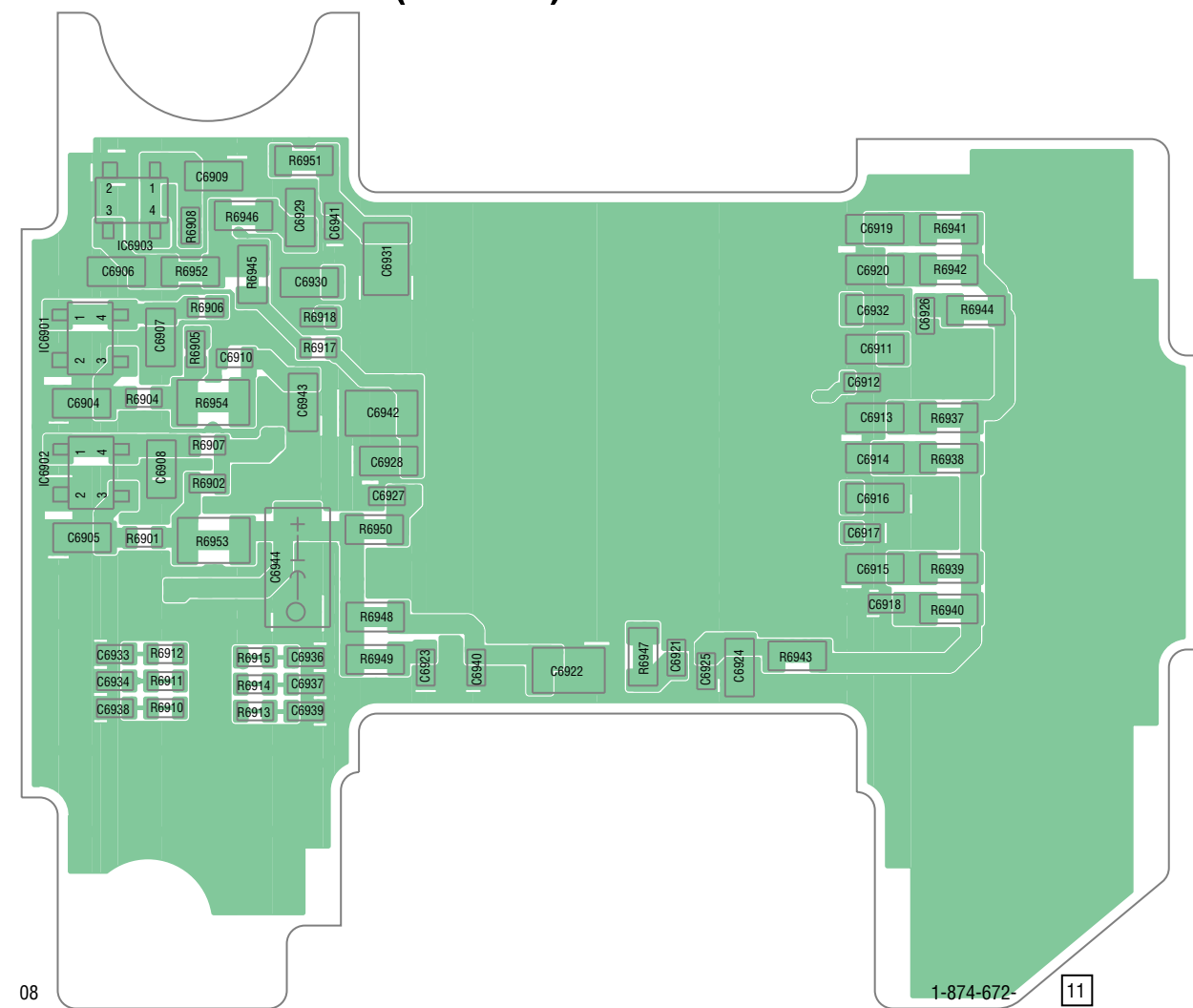
【プリント図ノート】

-  : 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。

CM-093 BOARD (SIDE A)

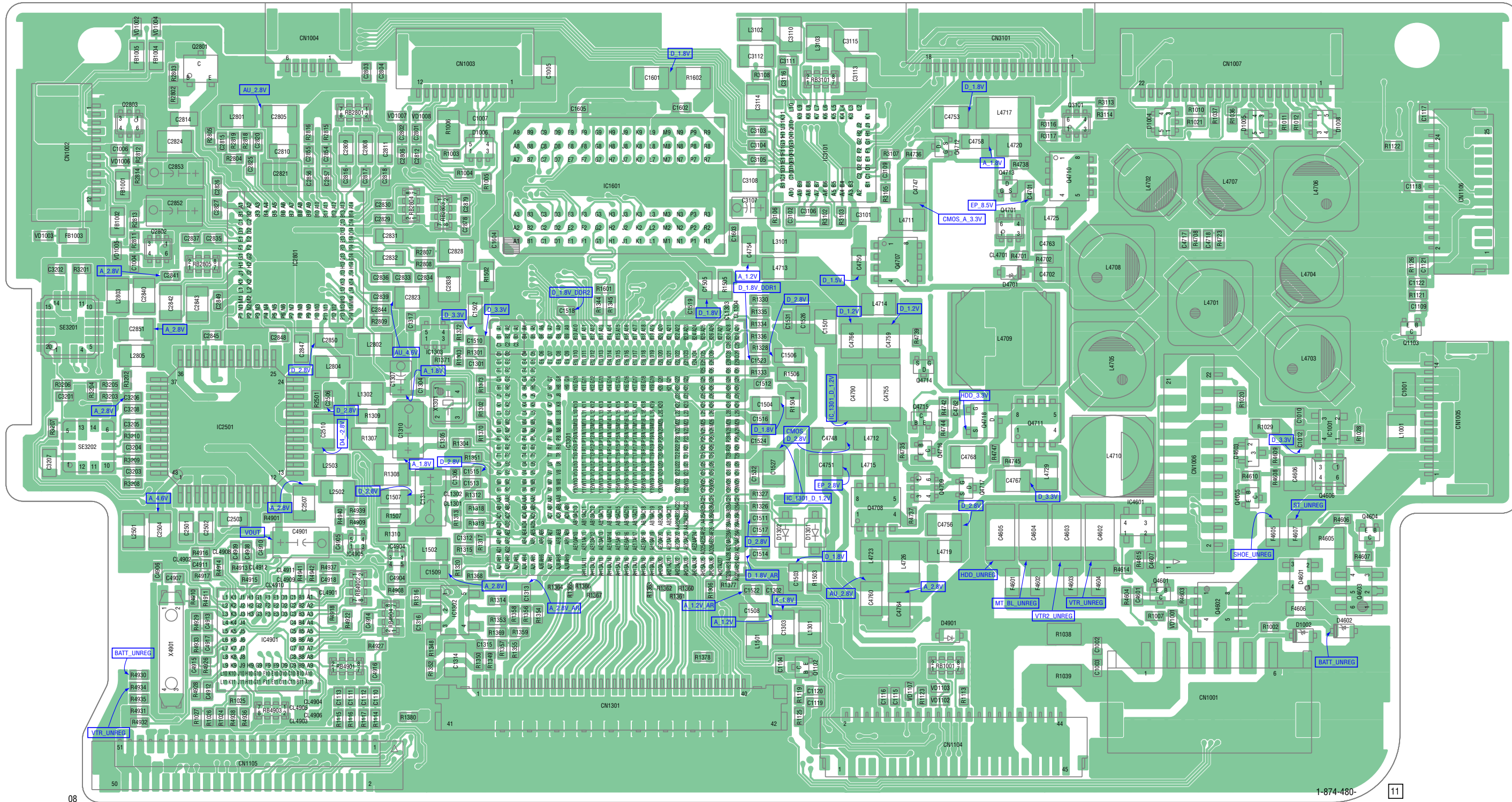


CM-093 BOARD (SIDE B)

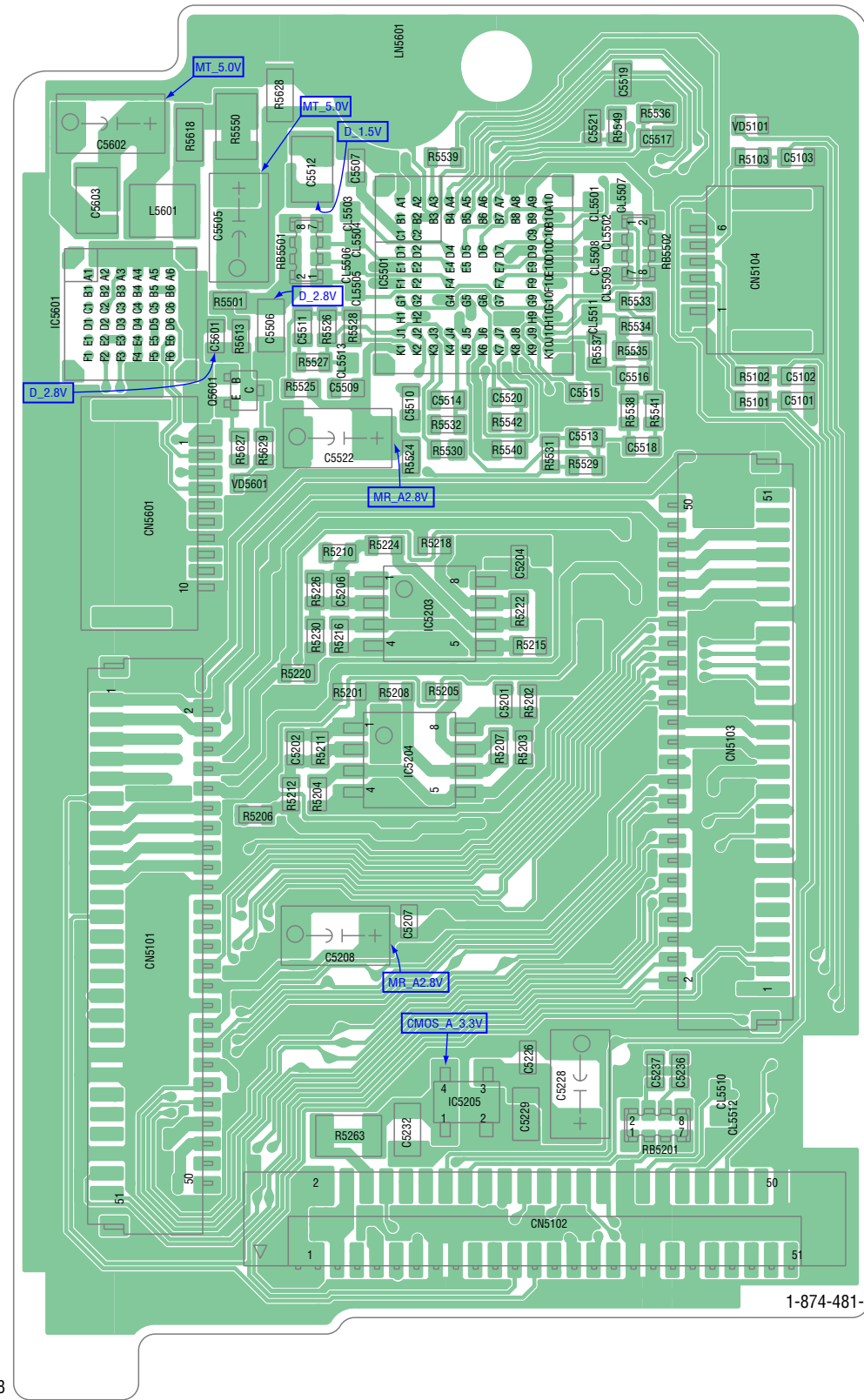


Note: CM-093 complete board, IC6903 and IC6904 (CMOS IMAGER) are not supplied, but they are included in CMOS block assy (1260).

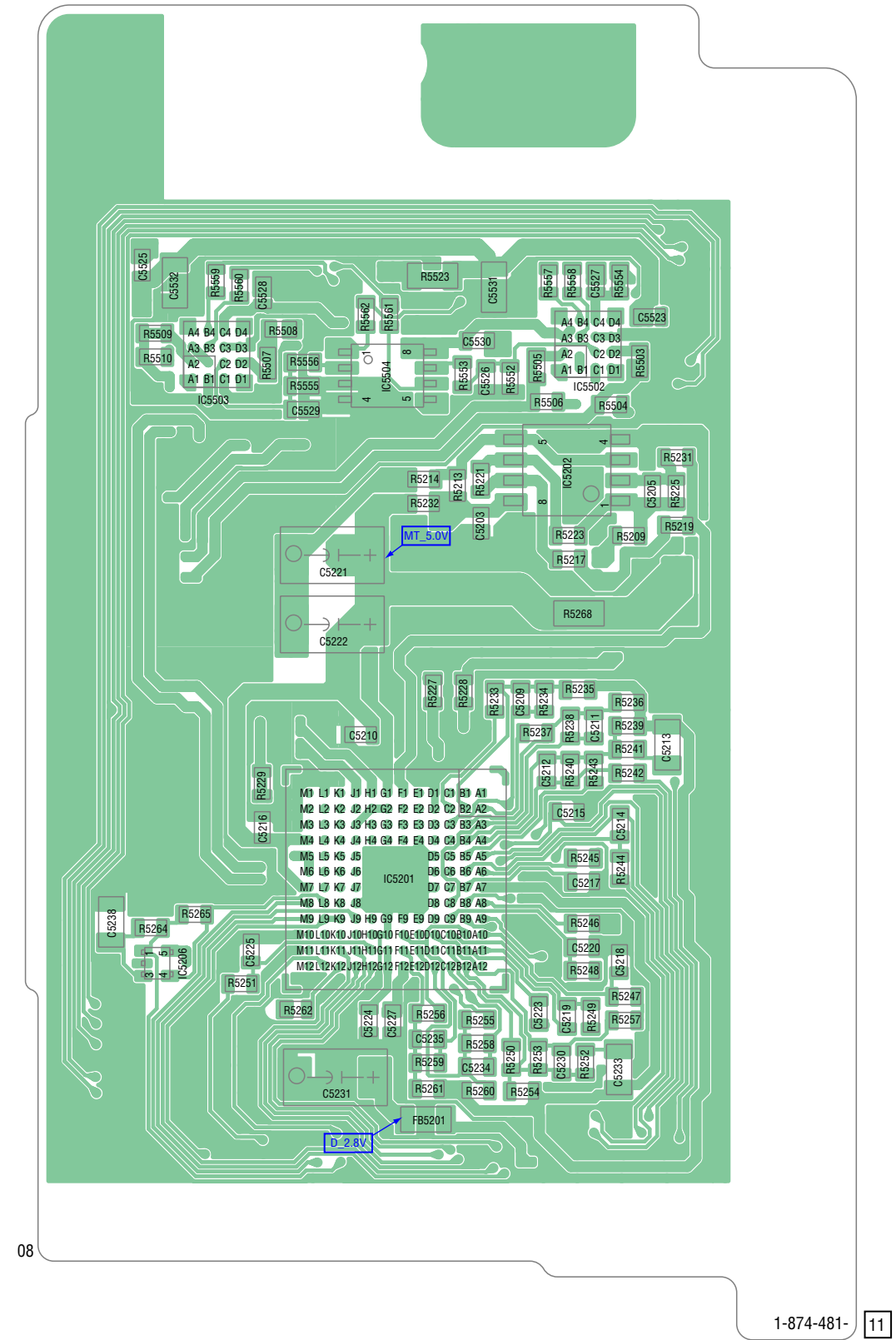
VC-516 BOARD (SIDE A)



LD-230 BOARD (SIDE A)



LD-230 BOARD (SIDE B)



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...

(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。

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

— 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
AUS : Australian model
CH : Chinese model
CND : Canadian 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
	A-1512-349-A	CMOS BLOCK ASSY (1260)
	(Not supplied)	CM-093 BOARD, COMPLETE

(CM-093 complete board, IC6903 and IC6904 (CMOS IMAGER) are not supplied, but they are included in CMOS block assy (1260).)

< CAPACITOR >

C6906	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C6909	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C6910	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C6911	1-165-884-91	CERAMIC CHIP	2.2uF	10%	6.3V
C6912	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C6913	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C6914	1-165-884-91	CERAMIC CHIP	2.2uF	10%	6.3V
C6915	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C6916	1-165-884-91	CERAMIC CHIP	2.2uF	10%	6.3V
C6917	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C6918	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C6919	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C6920	1-165-884-91	CERAMIC CHIP	2.2uF	10%	6.3V
C6921	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C6923	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C6924	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C6925	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C6926	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C6927	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C6928	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C6929	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C6930	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C6932	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C6940	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C6941	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C6943	1-165-908-11	CERAMIC CHIP	1uF	10%	10V

< CONNECTOR >

CN6901	1-819-361-21	CONNECTOR, COAXIAL (RECEPTACLE)
--------	--------------	---------------------------------

< IC >

IC6903 (Not supplied) IC R1114Q271D-TR-FA
 (IC6903 is supplied including in CMOS block assy (1260).)
 IC6904 (Not supplied) IC IMX030CHR-13 (Note)
 (IC6904 is supplied including in CMOS block assy (1260).)

< RESISTOR >

R6912	1-218-953-11	RES-CHIP	1K	5%	1/16W
R6918	1-208-927-11	METAL CHIP	47K	0.5%	1/16W

Note: Be sure to read "Precautions for Replacement of Imager" on page 4-2 when changing the imager.

Note: イメージャの交換時は4-3ページの“イメージャ交換時の注意”を必ずお読みください。

Ref. No.	Part No.	Description
	A-1494-351-A	LD-230 BOARD, COMPLETE *****
		< CAPACITOR >
C5207	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C5208	1-119-750-11	TANTAL. CHIP 22uF 20% 6.3V
C5209	1-164-939-11	CERAMIC CHIP 0.0022uF 10% 50V
C5210	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C5211	1-164-939-11	CERAMIC CHIP 0.0022uF 10% 50V
C5212	1-164-866-11	CERAMIC CHIP 47PF 5% 50V
C5213	1-165-908-11	CERAMIC CHIP 1uF 10% 10V
C5214	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C5215	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C5216	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C5217	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C5219	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C5221	1-165-897-11	TANTAL. CHIP 22uF 20% 10V
C5223	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C5224	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C5225	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C5227	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C5229	1-165-908-11	CERAMIC CHIP 1uF 10% 10V
C5230	1-164-930-11	CERAMIC CHIP 330PF 5% 16V
C5232	1-165-908-11	CERAMIC CHIP 1uF 10% 10V
C5233	1-127-715-11	CERAMIC CHIP 0.22uF 10% 16V
C5234	1-164-939-11	CERAMIC CHIP 0.0022uF 10% 50V
C5235	1-164-939-11	CERAMIC CHIP 0.0022uF 10% 50V
C5238	1-165-884-91	CERAMIC CHIP 2.2uF 10% 6.3V
C5505	1-165-897-11	TANTAL. CHIP 22uF 20% 10V
C5506	1-165-908-11	CERAMIC CHIP 1uF 10% 10V
C5507	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C5509	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C5510	1-100-567-81	CERAMIC CHIP 0.01uF 10% 25V
C5511	1-164-939-11	CERAMIC CHIP 0.0022uF 10% 50V
C5512	1-165-989-11	CERAMIC CHIP 10uF 10% 6.3V
C5514	1-100-567-81	CERAMIC CHIP 0.01uF 10% 25V
C5515	1-100-567-81	CERAMIC CHIP 0.01uF 10% 25V
C5516	1-164-939-11	CERAMIC CHIP 0.0022uF 10% 50V
C5520	1-100-567-81	CERAMIC CHIP 0.01uF 10% 25V
C5522	1-119-750-11	TANTAL. CHIP 22uF 20% 6.3V
C5601	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C5602	1-165-897-11	TANTAL. CHIP 22uF 20% 10V
		< CONNECTOR >
* CN5101	1-820-857-81	CONNECTOR, FPC (ZIF) 51P
* CN5102	1-820-729-61	CONNECTOR, FPC (ZIF) 51P
* CN5601	1-816-643-51	FFC/FPC CONNECTOR (LIF) 10P
		< FERRITE BEAD >
FB5201	1-500-238-11	BEAD, FERRITE (CHIP) (1608)
		< IC >
* IC5201	6-807-895-01	IC BU2343AGLU-E2
* IC5205	6-708-444-01	IC R1114Q281D-TR-FA
IC5206	6-705-570-01	IC TC7SH86FS (TPLR3)
* IC5501	6-709-026-01	IC R2J30500LG
IC5601	6-706-173-01	IC BD6878GLU-E2

Ref. No.	Part No.	Description
		< COIL >
L5601	1-469-553-21	INDUCTOR 4.7uH
		< TRANSISTOR >
Q5601	6-550-384-01	TRANSISTOR DTC123JMFS6T2L
		< RESISTOR >
R5233	1-208-909-11	METAL CHIP 8.2K 0.5% 1/16W
R5234	1-208-721-11	METAL CHIP 39K 0.5% 1/16W
R5235	1-218-958-11	RES-CHIP 2.7K 5% 1/16W
R5236	1-218-958-11	RES-CHIP 2.7K 5% 1/16W
R5237	1-208-909-11	METAL CHIP 8.2K 0.5% 1/16W
R5238	1-208-721-11	METAL CHIP 39K 0.5% 1/16W
R5239	1-208-905-11	METAL CHIP 5.6K 0.5% 1/16W
R5240	1-208-941-11	METAL CHIP 180K 0.5% 1/16W
R5241	1-208-671-11	METAL CHIP 330 0.5% 1/16W
R5242	1-218-953-11	RES-CHIP 1K 5% 1/16W
R5243	1-208-943-11	METAL CHIP 220K 0.5% 1/16W
R5244	1-208-911-11	METAL CHIP 10K 0.5% 1/16W
R5245	1-208-909-11	METAL CHIP 8.2K 0.5% 1/16W
R5246	1-208-909-11	METAL CHIP 8.2K 0.5% 1/16W
R5247	1-218-990-11	SHORT CHIP 0
R5248	1-218-990-11	SHORT CHIP 0
R5249	1-208-911-11	METAL CHIP 10K 0.5% 1/16W
R5250	1-208-943-11	METAL CHIP 220K 0.5% 1/16W
R5251	1-218-965-11	RES-CHIP 10K 5% 1/16W
R5252	1-218-990-11	SHORT CHIP 0
R5253	1-208-941-11	METAL CHIP 180K 0.5% 1/16W
R5254	1-208-905-11	METAL CHIP 5.6K 0.5% 1/16W
R5255	1-208-909-11	METAL CHIP 8.2K 0.5% 1/16W
R5256	1-208-909-11	METAL CHIP 8.2K 0.5% 1/16W
R5257	1-218-953-11	RES-CHIP 1K 5% 1/16W
R5258	1-208-721-11	METAL CHIP 39K 0.5% 1/16W
R5259	1-208-721-11	METAL CHIP 39K 0.5% 1/16W
R5260	1-218-958-11	RES-CHIP 2.7K 5% 1/16W
R5261	1-218-958-11	RES-CHIP 2.7K 5% 1/16W
R5262	1-218-937-11	RES-CHIP 47 5% 1/16W
R5264	1-218-985-11	RES-CHIP 470K 5% 1/16W
R5504	1-218-990-11	SHORT CHIP 0
R5506	1-218-990-11	SHORT CHIP 0
R5508	1-218-990-11	SHORT CHIP 0
R5510	1-218-990-11	SHORT CHIP 0
R5526	1-208-721-11	METAL CHIP 39K 0.5% 1/16W
R5528	1-208-933-11	METAL CHIP 82K 0.5% 1/16W
R5529	1-208-898-11	METAL CHIP 3K 0.5% 1/16W
R5530	1-208-705-11	METAL CHIP 8.2K 0.5% 1/16W
R5532	1-208-707-11	METAL CHIP 10K 0.5% 1/16W
R5534	1-208-721-11	METAL CHIP 39K 0.5% 1/16W
R5537	1-208-933-11	METAL CHIP 82K 0.5% 1/16W
R5538	1-208-898-11	METAL CHIP 3K 0.5% 1/16W
R5539	1-218-937-11	RES-CHIP 47 5% 1/16W
R5540	1-208-705-11	METAL CHIP 8.2K 0.5% 1/16W
R5542	1-208-707-11	METAL CHIP 10K 0.5% 1/16W
R5627	1-218-941-81	RES-CHIP 100 5% 1/16W
R5629	1-218-977-11	RES-CHIP 100K 5% 1/16W

<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>
		< COMPOSITION CIRCUIT BLOCK >
RB5501	1-234-381-11	RES, NETWORK 100K (1005X4)
RB5502	1-234-381-11	RES, NETWORK 100K (1005X4)
		< VARISTOR >
* VD5601	1-802-279-11	VARISTOR (SMD)

Ref. No.	Part No.	Description
A-1497-992-A	VC-516 BOARD, COMPLETE (SERVICE) (HDR-SR10/SR10D)	
A-1497-993-A	VC-516 BOARD, COMPLETE (SERVICE) (HDR-SR10E)	
A-1497-994-A	VC-516 BOARD, COMPLETE (SERVICE) (DCR-SR220/SR220D)	
A-1497-995-A	VC-516 BOARD, COMPLETE (SERVICE) (DCR-SR220E)	
A-1497-996-A	VC-516 BOARD, COMPLETE (SERVICE) (DCR-SR210E)	

(IC2101 is not supplied, but this is included in VC-516 complete board (service).)

< CAPACITOR >

C1001	1-127-760-11	CERAMIC CHIP	4.7uF	10%	6.3V
C1002	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C1003	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C1010	1-112-717-91	CERAMIC CHIP	1uF	10%	6.3V
C1012	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C1104	1-164-860-11	CERAMIC CHIP	27PF	5%	50V
* C1105	1-112-746-11	CERAMIC CHIP	4.7uF	10%	6.3V
C1106	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C1109	1-164-860-11	CERAMIC CHIP	27PF	5%	50V
C1113	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C1302	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V
C1303	1-127-760-11	CERAMIC CHIP	4.7uF	10%	6.3V
C1304	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C1305	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C1306	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C1307	1-117-919-11	TANTAL. CHIP	10uF	20%	6.3V
C1310	1-165-897-11	TANTAL. CHIP	22uF	20%	10V
C1311	1-165-897-11	TANTAL. CHIP	22uF	20%	10V
C1313	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C1317	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V
C1501	1-114-292-91	CERAMIC CHIP	22uF	20%	4V
C1502	1-165-884-91	CERAMIC CHIP	2.2uF	10%	6.3V
C1503	1-165-884-91	CERAMIC CHIP	2.2uF	10%	6.3V
C1504	1-165-884-91	CERAMIC CHIP	2.2uF	10%	6.3V
C1505	1-165-884-91	CERAMIC CHIP	2.2uF	10%	6.3V
C1506	1-165-884-91	CERAMIC CHIP	2.2uF	10%	6.3V
C1507	1-165-884-91	CERAMIC CHIP	2.2uF	10%	6.3V
C1508	1-165-884-91	CERAMIC CHIP	2.2uF	10%	6.3V
C1509	1-165-884-91	CERAMIC CHIP	2.2uF	10%	6.3V
C1510	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C1511	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C1512	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C1513	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C1514	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C1515	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C1516	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C1517	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C1518	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C1519	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C1522	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C1523	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C1524	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
* C1526	1-100-735-91	CERAMIC CHIP	10uF	20%	4V
C1527	1-114-292-91	CERAMIC CHIP	22uF	20%	4V
C1531	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V

Ref. No.	Part No.	Description			
C1532	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C1601	1-127-760-11	CERAMIC CHIP	4.7uF	10%	6.3V
C1602	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C1603	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C1604	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C1605	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C1701	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C1702	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C1703	1-127-760-11	CERAMIC CHIP	4.7uF	10%	6.3V
C1704	1-164-850-11	CERAMIC CHIP	10PF	0.5PF	50V
C1705	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C1706	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C1707	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C1708	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C1709	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C1710	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C1712	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C1713	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C1714	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C1715	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V
C1716	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V
C1717	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C1718	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V
C1719	1-127-760-11	CERAMIC CHIP	4.7uF	10%	6.3V
C1720	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C1721	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C1722	1-165-884-91	CERAMIC CHIP	2.2uF	10%	6.3V
C1727	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C2001	1-165-884-91	CERAMIC CHIP	2.2uF	10%	6.3V
C2002	1-165-884-91	CERAMIC CHIP	2.2uF	10%	6.3V
C2003	1-165-884-91	CERAMIC CHIP	2.2uF	10%	6.3V
C2004	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C2005	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C2006	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C2007	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C2008	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C2010	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C2011	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C2012	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C2013	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C2014	1-165-884-91	CERAMIC CHIP	2.2uF	10%	6.3V
C2015	1-127-760-11	CERAMIC CHIP	4.7uF	10%	6.3V
C2016	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C2017	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C2018	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C2019	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C2020	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C2021	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C2022	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C2023	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C2024	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C2025	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C2026	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C2027	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C2029	1-127-760-11	CERAMIC CHIP	4.7uF	10%	6.3V
C2030	1-127-760-11	CERAMIC CHIP	4.7uF	10%	6.3V

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
C2031	1-164-937-11	CERAMIC CHIP 0.001uF 10% 50V	C2240	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V (HDR-SR10/SR10D/SR10E)
C2032	1-164-937-11	CERAMIC CHIP 0.001uF 10% 50V	C2242	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V (HDR-SR10/SR10D/SR10E)
C2033	1-164-937-11	CERAMIC CHIP 0.001uF 10% 50V	C2301	1-165-989-11	CERAMIC CHIP 10uF 10% 6.3V (HDR-SR10/SR10D/SR10E)
C2034	1-164-937-11	CERAMIC CHIP 0.001uF 10% 50V	C2302	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V (HDR-SR10/SR10D/SR10E)
C2035	1-164-937-11	CERAMIC CHIP 0.001uF 10% 50V	C2303	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V (HDR-SR10/SR10D/SR10E)
C2036	1-164-937-11	CERAMIC CHIP 0.001uF 10% 50V	C2304	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V (HDR-SR10/SR10D/SR10E)
C2037	1-112-717-91	CERAMIC CHIP 1uF 10% 6.3V	C2305	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V (HDR-SR10/SR10D/SR10E)
C2101	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V	C2401	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C2102	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V	C2402	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C2103	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V	C2407	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C2104	1-127-760-11	CERAMIC CHIP 4.7uF 10% 6.3V	C2408	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C2105	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V	C2410	1-164-937-11	CERAMIC CHIP 0.001uF 10% 50V
C2106	1-131-862-11	TANTAL. CHIP 47uF 20% 4V	C2412	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C2107	1-127-760-11	CERAMIC CHIP 4.7uF 10% 6.3V	C2413	1-164-937-11	CERAMIC CHIP 0.001uF 10% 50V
C2108	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V	C2415	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C2109	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V	C2416	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V (HDR-SR10/SR10D/SR10E)
C2205	1-165-989-11	CERAMIC CHIP 10uF 10% 6.3V (HDR-SR10/SR10D/SR10E)	C2417	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C2206	1-127-760-11	CERAMIC CHIP 4.7uF 10% 6.3V (HDR-SR10/SR10D/SR10E)	C2419	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C2207	1-127-760-11	CERAMIC CHIP 4.7uF 10% 6.3V (HDR-SR10/SR10D/SR10E)	C2420	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C2208	1-127-760-11	CERAMIC CHIP 4.7uF 10% 6.3V (HDR-SR10/SR10D/SR10E)	C2422	1-165-908-11	CERAMIC CHIP 1uF 10% 10V (HDR-SR10/SR10D/SR10E)
C2209	1-127-760-11	CERAMIC CHIP 4.7uF 10% 6.3V (HDR-SR10/SR10D/SR10E)	C2423	1-112-717-91	CERAMIC CHIP 1uF 10% 6.3V
C2210	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V (HDR-SR10/SR10D/SR10E)	C2424	1-165-908-11	CERAMIC CHIP 1uF 10% 10V
C2211	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V (HDR-SR10/SR10D/SR10E)	C2425	1-165-908-11	CERAMIC CHIP 1uF 10% 10V
C2212	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V (HDR-SR10/SR10D/SR10E)	C2426	1-127-760-11	CERAMIC CHIP 4.7uF 10% 6.3V (HDR-SR10/SR10D/SR10E)
C2216	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V (HDR-SR10/SR10D/SR10E)	C2427	1-127-760-11	CERAMIC CHIP 4.7uF 10% 6.3V
C2217	1-100-159-91	CERAMIC CHIP 22uF 10% 6.3V (HDR-SR10/SR10D/SR10E)	C2428	1-127-760-11	CERAMIC CHIP 4.7uF 10% 6.3V
C2218	1-100-159-91	CERAMIC CHIP 22uF 10% 6.3V (HDR-SR10/SR10D/SR10E)	C2429	1-127-760-11	CERAMIC CHIP 4.7uF 10% 6.3V
C2219	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V (HDR-SR10/SR10D/SR10E)	C2501	1-165-884-91	CERAMIC CHIP 2.2uF 10% 6.3V (HDR-SR10/SR10D/SR10E)
C2220	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V (HDR-SR10/SR10D/SR10E)	C2502	1-165-884-91	CERAMIC CHIP 2.2uF 10% 6.3V (HDR-SR10/SR10D/SR10E)
C2224	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V (HDR-SR10/SR10D/SR10E)	C2503	1-165-884-91	CERAMIC CHIP 2.2uF 10% 6.3V (HDR-SR10/SR10D/SR10E)
C2225	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V (HDR-SR10/SR10D/SR10E)	C2504	1-112-300-91	CERAMIC CHIP 4.7uF 10% 10V (HDR-SR10/SR10D/SR10E)
C2228	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V (HDR-SR10/SR10D/SR10E)	C2506	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V (HDR-SR10/SR10D/SR10E)
C2229	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V (HDR-SR10/SR10D/SR10E)	C2507	1-112-300-91	CERAMIC CHIP 4.7uF 10% 10V (HDR-SR10/SR10D/SR10E)
C2231	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V (HDR-SR10/SR10D/SR10E)	C2510	1-112-300-91	CERAMIC CHIP 4.7uF 10% 10V (HDR-SR10/SR10D/SR10E)
C2233	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V (HDR-SR10/SR10D/SR10E)	C2601	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V (HDR-SR10/SR10D/SR10E)
C2235	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V (HDR-SR10/SR10D/SR10E)	C2602	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V (HDR-SR10/SR10D/SR10E)
C2236	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V (HDR-SR10/SR10D/SR10E)	C2603	1-164-937-11	CERAMIC CHIP 0.001uF 10% 50V (HDR-SR10/SR10D/SR10E)
C2238	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V (HDR-SR10/SR10D/SR10E)	C2604	1-164-937-11	CERAMIC CHIP 0.001uF 10% 50V (HDR-SR10/SR10D/SR10E)
C2239	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V (HDR-SR10/SR10D/SR10E)	C2606	1-164-937-11	CERAMIC CHIP 0.001uF 10% 50V (HDR-SR10/SR10D/SR10E)

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
C2608	1-164-937-11	CERAMIC CHIP 0.001uF 10% 50V (HDR-SR10/SR10D/SR10E)	C2837	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C2610	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V (HDR-SR10/SR10D/SR10E)	C2839	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C2611	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V (HDR-SR10/SR10D/SR10E)	C2840	1-165-989-11	CERAMIC CHIP 10uF 10% 6.3V
C2612	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V (HDR-SR10/SR10D/SR10E)	C2841	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C2614	1-127-760-11	CERAMIC CHIP 4.7uF 10% 6.3V (HDR-SR10/SR10D/SR10E)	C2842	1-127-760-11	CERAMIC CHIP 4.7uF 10% 6.3V
C2615	1-165-908-11	CERAMIC CHIP 1uF 10% 10V (HDR-SR10/SR10D/SR10E)	C2843	1-165-989-11	CERAMIC CHIP 10uF 10% 6.3V
C2616	1-127-760-11	CERAMIC CHIP 4.7uF 10% 6.3V (HDR-SR10/SR10D/SR10E)	C2845	1-100-567-81	CERAMIC CHIP 0.01uF 10% 25V
C2701	1-127-760-11	CERAMIC CHIP 4.7uF 10% 6.3V (HDR-SR10/SR10D/SR10E)	C2847	1-165-908-11	CERAMIC CHIP 1uF 10% 10V
C2702	1-114-292-91	CERAMIC CHIP 22uF 20% 4V (HDR-SR10/SR10D/SR10E)	C2848	1-100-567-81	CERAMIC CHIP 0.01uF 10% 25V
C2703	1-165-989-11	CERAMIC CHIP 10uF 10% 6.3V (HDR-SR10/SR10D/SR10E)	C2850	1-165-908-11	CERAMIC CHIP 1uF 10% 10V
C2704	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V (HDR-SR10/SR10D/SR10E)	C2851	1-127-760-11	CERAMIC CHIP 4.7uF 10% 6.3V
C2705	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V (HDR-SR10/SR10D/SR10E)	C2878	1-164-935-11	CERAMIC CHIP 470PF 10% 50V
C2706	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V (HDR-SR10/SR10D/SR10E)	C2879	1-164-935-11	CERAMIC CHIP 470PF 10% 50V
C2709	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V (HDR-SR10/SR10D/SR10E)	C3201	1-100-567-81	CERAMIC CHIP 0.01uF 10% 25V (HDR-SR10/SR10D/SR10E)
C2712	1-127-715-11	CERAMIC CHIP 0.22uF 10% 16V (HDR-SR10/SR10D/SR10E)	C3202	1-100-567-81	CERAMIC CHIP 0.01uF 10% 25V
C2713	1-127-715-11	CERAMIC CHIP 0.22uF 10% 16V (HDR-SR10/SR10D/SR10E)	C3203	1-119-923-11	CERAMIC CHIP 0.047uF 10% 10V
C2714	1-100-567-81	CERAMIC CHIP 0.01uF 10% 25V (HDR-SR10/SR10D/SR10E)	C3204	1-119-923-11	CERAMIC CHIP 0.047uF 10% 10V
C2719	1-164-866-11	CERAMIC CHIP 47PF 5% 50V (HDR-SR10/SR10D/SR10E)	C3205	1-119-923-11	CERAMIC CHIP 0.047uF 10% 10V
C2801	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V	C3206	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C2802	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V	C3207	1-165-908-11	CERAMIC CHIP 1uF 10% 10V (DCR-SR210E/SR220/SR220D/SR220E)
C2805	1-165-989-11	CERAMIC CHIP 10uF 10% 6.3V	C3208	1-100-567-81	CERAMIC CHIP 0.01uF 10% 25V (DCR-SR210E/SR220/SR220D/SR220E)
C2806	1-100-567-81	CERAMIC CHIP 0.01uF 10% 25V	C4601	1-107-819-11	CERAMIC CHIP 0.022uF 10% 16V
C2808	1-164-677-91	CERAMIC CHIP 0.033uF 10% 16V	C4602	1-165-875-11	CERAMIC CHIP 10uF 10% 10V
C2809	1-164-677-91	CERAMIC CHIP 0.033uF 10% 16V	C4603	1-165-875-11	CERAMIC CHIP 10uF 10% 10V
C2811	1-164-677-91	CERAMIC CHIP 0.033uF 10% 16V	C4604	1-165-875-11	CERAMIC CHIP 10uF 10% 10V
C2812	1-100-567-81	CERAMIC CHIP 0.01uF 10% 25V	C4605	1-165-875-11	CERAMIC CHIP 10uF 10% 10V
C2814	1-165-908-11	CERAMIC CHIP 1uF 10% 10V	C4606	1-100-591-91	CERAMIC CHIP 1uF 10% 25V
C2815	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V	C4607	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C2816	1-164-937-11	CERAMIC CHIP 0.001uF 10% 50V	C4701	1-164-939-11	CERAMIC CHIP 0.0022uF 10% 50V
C2817	1-164-937-11	CERAMIC CHIP 0.001uF 10% 50V	C4702	1-127-715-11	CERAMIC CHIP 0.22uF 10% 16V
C2818	1-164-937-11	CERAMIC CHIP 0.001uF 10% 50V	C4703	1-165-908-11	CERAMIC CHIP 1uF 10% 10V
C2820	1-127-988-11	CERAMIC CHIP 0.015uF 10% 16V	C4704	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C2821	1-127-760-11	CERAMIC CHIP 4.7uF 10% 6.3V	C4705	1-119-923-11	CERAMIC CHIP 0.047uF 10% 10V
C2823	1-127-760-11	CERAMIC CHIP 4.7uF 10% 6.3V	C4706	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C2824	1-127-760-11	CERAMIC CHIP 4.7uF 10% 6.3V	C4707	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C2825	1-100-567-81	CERAMIC CHIP 0.01uF 10% 25V	C4708	1-165-908-11	CERAMIC CHIP 1uF 10% 10V
C2829	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V	C4709	1-165-989-11	CERAMIC CHIP 10uF 10% 6.3V
C2830	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V	C4710	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C2833	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V	C4711	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C2834	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V	C4712	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C2835	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V	C4713	1-165-908-11	CERAMIC CHIP 1uF 10% 10V
C2836	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V	C4714	1-127-715-11	CERAMIC CHIP 0.22uF 10% 16V
			C4715	1-165-908-11	CERAMIC CHIP 1uF 10% 10V
			C4716	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
			C4717	1-127-988-11	CERAMIC CHIP 0.015uF 10% 16V
			C4718	1-107-819-11	CERAMIC CHIP 0.022uF 10% 16V
			C4720	1-165-908-11	CERAMIC CHIP 1uF 10% 10V
			C4721	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V
			C4722	1-165-908-11	CERAMIC CHIP 1uF 10% 10V
			C4724	1-165-989-11	CERAMIC CHIP 10uF 10% 6.3V
			C4725	1-165-989-11	CERAMIC CHIP 10uF 10% 6.3V
			C4726	1-165-989-11	CERAMIC CHIP 10uF 10% 6.3V
			C4727	1-165-989-11	CERAMIC CHIP 10uF 10% 6.3V
			C4728	1-165-989-11	CERAMIC CHIP 10uF 10% 6.3V
			C4729	1-165-989-11	CERAMIC CHIP 10uF 10% 6.3V

Ref. No.	Part No.	Description								
C4730	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V					
C4731	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V					
C4733	1-107-823-11	CERAMIC CHIP	0.47uF	10%	16V					
C4734	1-165-908-11	CERAMIC CHIP	1uF	10%	10V					
C4735	1-165-908-11	CERAMIC CHIP	1uF	10%	10V					
C4736	1-165-908-11	CERAMIC CHIP	1uF	10%	10V					
C4737	1-165-908-11	CERAMIC CHIP	1uF	10%	10V					
C4738	1-165-908-11	CERAMIC CHIP	1uF	10%	10V					
C4739	1-165-908-11	CERAMIC CHIP	1uF	10%	10V					
C4740	1-165-908-11	CERAMIC CHIP	1uF	10%	10V					
C4741	1-165-908-11	CERAMIC CHIP	1uF	10%	10V					
C4742	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V					
C4745	1-125-891-11	CERAMIC CHIP	0.47uF	10%	10V					
C4746	1-107-823-11	CERAMIC CHIP	0.47uF	10%	16V					
C4747	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V					
C4748	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V					
C4749	1-107-823-11	CERAMIC CHIP	0.47uF	10%	16V					
* C4750	1-100-735-91	CERAMIC CHIP	10uF	10%	4V					
C4751	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V					
C4752	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V					
C4753	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V					
C4754	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V					
C4755	1-100-159-91	CERAMIC CHIP	22uF	10%	6.3V					
C4756	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V					
C4757	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V					
C4758	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V					
C4759	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V					
						(HDR-SR10/SR10D/SR10E)				
C4760	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V					
C4761	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V					
C4762	1-164-942-11	CERAMIC CHIP	0.0068uF	10%	16V					
C4764	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V					
C4765	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V					
C4766	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V					
C4767	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V					
C4770	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V					
C4771	1-115-339-11	CERAMIC CHIP	0.1uF	10%	50V					
C4782	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V					
						(HDR-SR10/SR10D/SR10E)				
C4783	1-164-862-11	CERAMIC CHIP	33PF	5%	50V					
						(HDR-SR10/SR10D/SR10E)				
C4784	1-165-908-11	CERAMIC CHIP	1uF	10%	10V					
						(HDR-SR10/SR10D/SR10E)				
C4785	1-165-908-11	CERAMIC CHIP	1uF	10%	10V					
						(HDR-SR10/SR10D/SR10E)				
C4786	1-165-908-11	CERAMIC CHIP	1uF	10%	10V					
						(HDR-SR10/SR10D/SR10E)				
C4787	1-165-908-11	CERAMIC CHIP	1uF	10%	10V					
						(HDR-SR10/SR10D/SR10E)				
C4789	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V					
						(HDR-SR10/SR10D/SR10E)				
C4790	1-100-159-91	CERAMIC CHIP	22uF	10%	6.3V					
C4901	1-119-750-11	TANTAL. CHIP	22uF	20%	6.3V					
C4906	1-164-852-11	CERAMIC CHIP	12PF	5%	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					
Ref. No.	Part No.	Description								
C4912	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					
C4918	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V					
						< CONNECTOR >				
CN1001	1-580-789-21	PIN, CONNECTOR (SMD) 6P								
* CN1003	1-816-644-51	FFC/FPC CONNECTOR (LIF) 12P								
* CN1004	1-816-654-51	FFC/FPC CONNECTOR (LIF) 6P								
* CN1005	1-816-645-51	FFC/FPC CONNECTOR (LIF) 14P								
* CN1006	1-779-335-51	CONNECTOR, FFC/FPC 22P								
* CN1007	1-816-649-51	FFC/FPC CONNECTOR (LIF) 22P								
CN1008	1-779-328-51	CONNECTOR, FFC/FPC 8P								
CN1009	1-779-328-51	CONNECTOR, FFC/FPC 8P								
* CN1101	1-818-087-51	CONNECTOR, FFC/FPC (LIF) 26P								
						(HDR-SR10/SR10D/SR10E)				
* CN1102	1-816-644-51	FFC/FPC CONNECTOR (LIF) 12P								
* CN1103	1-817-283-71	CONNECTOR, FPC (ZIF) 51P								
* CN1104	1-821-202-81	CONNECTOR, FPC (ZIF) 45P								
* CN1105	1-820-729-61	CONNECTOR, FPC (ZIF) 51P								
* CN1106	1-817-828-81	CONNECTOR, FPC (ZIF) 25P								
* CN1301	1-820-560-11	CONNECTOR, COAXIAL (RECEPTACLE)								
* CN3301	1-819-860-51	CONNECTOR, FPC (ZIF) 51P								
						< DIODE >				
D1002	8-719-074-67	DIODE EDZ-TE61-5.6B								
D1301	8-719-027-76	DIODE 1SS357-TPH3								
D1302	8-719-027-76	DIODE 1SS357-TPH3								
D2702	6-500-854-01	DIODE 1SS413 (TPL3)								
						(HDR-SR10/SR10D/SR10E)				
D4601	8-719-074-08	DIODE MA4ZD03001S0								
D4603	8-719-421-67	DIODE MA132WK								
D4702	8-719-027-76	DIODE 1SS357-TPH3								
D4703	6-500-813-01	DIODE MA2SD32008S0								
D4706	6-500-813-01	DIODE MA2SD32008S0								
D4707	6-500-813-01	DIODE MA2SD32008S0								
D4708	6-500-813-01	DIODE MA2SD32008S0								
D4901	8-719-069-29	DIODE RB520S-30FJTE61								
						< FUSE >				
△ F4601	1-576-406-11	FUSE, MICRO (1608) (1.4A/32V)								
△ F4602	1-576-406-11	FUSE, MICRO (1608) (1.4A/32V)								
△ F4603	1-576-406-11	FUSE, MICRO (1608) (1.4A/32V)								
△ F4604	1-576-406-11	FUSE, MICRO (1608) (1.4A/32V)								
△ F4605	1-576-406-11	FUSE, MICRO (1608) (1.4A/32V)								
△ F4606	1-576-872-21	FUSE (0.25A/50V)								
△ F4607	1-576-843-21	FUSE (0.8A/32V)								
						< FERRITE BEAD >				
FB1701	1-400-331-11	FERRITE, EMI (SMD) (1005)								
FB1702	1-400-331-11	FERRITE, EMI (SMD) (1005)								
FB1801	1-469-580-21	INDUCTOR, FERRITE BEAD (1005)								
FB1802	1-400-354-11	INDUCTOR, FERRITE BEAD (1005)								
FB2001	1-400-915-21	INDUCTOR (EMI FERRITE) (2012)								

• Refer to page 5-1 for mark △.

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
FB2002	1-400-915-21	INDUCTOR (EMI FERRITE) (2012)	L2501	1-400-588-11	INDUCTOR 10uH (HDR-SR10/SR10D/SR10E)
FB2003	1-400-915-21	INDUCTOR (EMI FERRITE) (2012)	L2502	1-400-588-11	INDUCTOR 10uH (HDR-SR10/SR10D/SR10E)
FB2004	1-400-915-21	INDUCTOR (EMI FERRITE) (2012)	L2503	1-400-588-11	INDUCTOR 10uH (HDR-SR10/SR10D/SR10E)
FB2005	1-400-915-21	INDUCTOR (EMI FERRITE) (2012)	L2701	1-400-588-11	INDUCTOR 10uH (HDR-SR10/SR10D/SR10E)
FB2401	1-400-619-11	BEAD, FERRITE (CHIP) (1608)	L2702	1-400-588-11	INDUCTOR 10uH (HDR-SR10/SR10D/SR10E)
FB2601	1-400-619-11	BEAD, FERRITE (CHIP) (1608) (HDR-SR10/SR10D/SR10E)	L2801	1-400-588-11	INDUCTOR 10uH
FB2701	1-469-581-11	INDUCTOR, FERRITE BEAD (1005) (HDR-SR10/SR10D/SR10E)	L2802	1-400-588-11	INDUCTOR 10uH
		< FLUORESCENT INDICATOR TUBE >	L2803	1-400-588-11	INDUCTOR 10uH
FL1101	1-234-939-21	FILTER, EMI REMOVAL (SMD)	L2804	1-400-588-11	INDUCTOR 10uH
FL2601	1-234-939-21	FILTER, EMI REMOVAL (SMD) (HDR-SR10/SR10D/SR10E)	L2805	1-400-588-11	INDUCTOR 10uH
FL2603	1-234-939-21	FILTER, EMI REMOVAL (SMD) (HDR-SR10/SR10D/SR10E)	L4701	1-456-135-11	INDUCTOR 4.7uH
FL2701	1-234-939-21	FILTER, EMI REMOVAL (SMD) (HDR-SR10/SR10D/SR10E)	L4702	1-456-500-11	INDUCTOR 10uH
		< IC >	L4703	1-456-136-21	INDUCTOR 10uH
* IC1001	6-708-445-01	IC R1114Q291D-TR-FA	L4704	1-456-500-11	INDUCTOR 10uH
* IC1101	6-711-583-01	IC TS3USB221RSER	L4705	1-456-136-21	INDUCTOR 10uH
* IC1301	8-753-303-68	IC CXD4214GG-T6	L4706	1-456-136-21	INDUCTOR 10uH
IC1303	6-705-881-01	IC HD74ALVC1G125VSE-E	L4707	1-456-500-11	INDUCTOR 10uH
* IC1601	6-712-125-01	IC K4X56323PI-8GC6T	L4708	1-456-135-11	INDUCTOR 4.7uH
* IC1701	8-753-284-01	IC CXD4212AGG-TL	* L4709	1-457-614-21	INDUCTOR 10uH
IC1702	6-708-511-01	IC TC7SG08AFS (HDR-SR10/SR10D/SR10E)	L4710	1-419-311-11	INDUCTOR 100uH
IC1705	6-708-511-01	IC TC7SG08AFS (HDR-SR10/SR10D/SR10E)	L4711	1-400-588-11	INDUCTOR 10uH
IC2101	(Not supplied)	IC K5R1213ACB-AK75T	L4712	1-400-135-11	INDUCTOR 1uH
(IC2101 is supplied including in VC-516 complete board (service).)			L4713	1-400-588-11	INDUCTOR 10uH
* IC2201	8-753-302-84	IC CXD4113GG-T6 (HDR-SR10/SR10D/SR10E)	L4714	1-400-588-11	INDUCTOR 10uH
* IC2301	6-712-125-01	IC K4X56323PI-8GC6T (HDR-SR10/SR10D/SR10E)	L4715	1-400-676-11	INDUCTOR 22uH
* IC2401	6-709-936-01	IC R8A01015ABGTLV	L4716	1-400-588-11	INDUCTOR 10uH
IC2501	6-708-108-01	IC TLS26A100PFBR (HDR-SR10/SR10D/SR10E)	* L4717	1-481-240-11	INDUCTOR 1uH
IC2601	6-711-003-01	IC T6UL2XBG-0002 (EO2) (HDR-SR10/SR10D/SR10E)	L4719	1-400-135-11	INDUCTOR 1uH
* IC2701	6-712-123-01	IC ADV7520NKBBCZRL-80 (HDR-SR10/SR10D/SR10E)	L4720	1-400-588-11	INDUCTOR 10uH
IC2702	6-705-337-01	IC TK11150CSCL-G (HDR-SR10/SR10D/SR10E)	L4721	1-400-588-11	INDUCTOR 10uH
* IC2801	6-710-768-01	IC NN12923B-BB	L4722	1-400-588-11	INDUCTOR 10uH
IC4601	6-702-519-01	IC S-80840CNNB-B8ZT2G	L4723	1-400-676-11	INDUCTOR 22uH
* IC4701	6-710-636-01	IC MB44C005BBGL-G-ERE1	L4724	1-400-588-11	INDUCTOR 10uH
IC4702	8-759-581-11	IC NJM2125F (TE2)	L4726	1-400-073-21	INDUCTOR 4.7uH
* IC4781	6-710-254-01	IC LV5254LG-TLM-E (HDR-SR10/SR10D/SR10E)	L4728	1-469-966-21	INDUCTOR 1uH
* IC4901	6-807-901-01	IC MB95005BGL-G-110-ERE1	L4729	1-400-135-11	INDUCTOR 1uH
		< COIL >	L4731	1-469-561-21	INDUCTOR 100uH
L1001	1-469-551-21	INDUCTOR 2.2uH	* L4781	1-400-672-11	INDUCTOR 1uH (HDR-SR10/SR10D/SR10E)
L1301	1-400-588-11	INDUCTOR 10uH			< LINE FILTER >
L1302	1-400-353-21	INDUCTOR 22uH	LF2701	1-457-223-11	COMMON MODE CHOKE COIL (HDR-SR10/SR10D/SR10E)
L1501	1-400-588-11	INDUCTOR 10uH	LF2702	1-457-223-11	COMMON MODE CHOKE COIL (HDR-SR10/SR10D/SR10E)
L1502	1-400-588-11	INDUCTOR 10uH	LF2703	1-457-223-11	COMMON MODE CHOKE COIL (HDR-SR10/SR10D/SR10E)
L2401	1-400-588-11	INDUCTOR 10uH (HDR-SR10/SR10D/SR10E)	LF2704	1-457-223-11	COMMON MODE CHOKE COIL (HDR-SR10/SR10D/SR10E)
L2402	1-400-588-11	INDUCTOR 10uH			< TRANSISTOR >
L2403	1-400-588-11	INDUCTOR 10uH	Q1101	6-550-102-01	TRANSISTOR 2SC5663T2L
			* Q1102	6-551-766-01	TRANSISTOR UNR32A3G0LS0
			* Q1103	6-551-766-01	TRANSISTOR UNR32A3G0LS0
			* Q1701	6-551-771-01	TRANSISTOR UNR31AFG0LS0
			Q2402	6-550-383-01	TRANSISTOR HN4A71FK (TE85R)

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description				
* Q2704	6-551-852-01	TRANSISTOR	UP04313G08S0	R1037	1-218-947-11	RES-CHIP	330	5%	1/16W
			(HDR-SR10/SR10D/SR10E)	R1101	1-216-801-11	METAL CHIP	22	5%	1/10W
Q2801	8-729-056-75	TRANSISTOR	MCH3211-TL-E	R1102	1-216-801-11	METAL CHIP	22	5%	1/10W
Q4601	6-550-237-01	TRANSISTOR	2SC5658FS6T2LQ/R	R1103	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
Q4602	6-551-442-01	TRANSISTOR	TPCP8301 (T5RSONYF)	R1104	1-218-935-11	RES-CHIP	33	5%	1/16W
Q4603	8-729-043-60	TRANSISTOR	CPH6102-TL-E						
				R1105	1-218-940-11	RES-CHIP	82	5%	1/16W
Q4604	6-550-119-01	TRANSISTOR	DTC144EMFS6T2L	R1106	1-208-643-11	RES-CHIP	22	0.5%	1/16W
Q4605	6-550-119-01	TRANSISTOR	DTC144EMFS6T2L	R1107	1-218-940-11	RES-CHIP	82	5%	1/16W
Q4606	6-551-184-01	TRANSISTOR	MCH6305-TL-E-S	R1108	1-208-643-11	RES-CHIP	22	0.5%	1/16W
* Q4701	6-551-852-01	TRANSISTOR	UP04313G08S0	R1109	1-208-643-11	RES-CHIP	22	0.5%	1/16W
Q4702	6-550-119-01	TRANSISTOR	DTC144EMFS6T2L						
				R1110	1-218-940-11	RES-CHIP	82	5%	1/16W
Q4703	6-551-792-01	TRANSISTOR	UNR91ABG08S0	R1111	1-218-935-11	RES-CHIP	33	5%	1/16W
Q4704	6-550-714-01	TRANSISTOR	SCH1406-TL-E	R1113	1-218-953-11	RES-CHIP	1K	5%	1/16W
Q4705	6-550-713-01	TRANSISTOR	SCH2816-TL-E	R1119	1-218-965-11	RES-CHIP	10K	5%	1/16W
Q4706	8-729-056-72	TRANSISTOR	MCH5805-TL-E	R1121	1-218-965-11	RES-CHIP	10K	5%	1/16W
Q4707	6-551-536-01	TRANSISTOR	ECH8402-S-TL-E						
				R1122	1-218-990-11	SHORT CHIP	0		
Q4708	6-551-536-01	TRANSISTOR	ECH8402-S-TL-E	R1123	1-218-990-11	SHORT CHIP	0		
Q4709	6-550-180-01	TRANSISTOR	SSM6N16FE (TPLR3)	R1124	1-216-864-11	SHORT CHIP	0		
Q4710	6-551-536-01	TRANSISTOR	ECH8402-S-TL-E	R1125	1-218-990-11	SHORT CHIP	0		
Q4711	6-551-536-01	TRANSISTOR	ECH8402-S-TL-E	R1126	1-218-990-11	SHORT CHIP	0		
Q4712	6-551-346-01	TRANSISTOR	LSK3541FS8T2L						
				R1127	1-216-864-11	SHORT CHIP	0		(HDR-SR10/SR10D/SR10E)
Q4713	6-551-346-01	TRANSISTOR	LSK3541FS8T2L						
Q4714	6-551-346-01	TRANSISTOR	LSK3541FS8T2L	R1128	1-216-864-11	SHORT CHIP	0		(HDR-SR10/SR10D/SR10E)
Q4715	6-550-243-01	TRANSISTOR	DTC144TMFS6T2L						
* Q4716	6-551-758-01	TRANSISTOR	2SC5846G0LS0	R1301	1-218-990-11	SHORT CHIP	0		
Q4717	6-551-346-01	TRANSISTOR	LSK3541FS8T2L	R1302	1-218-941-81	RES-CHIP	100	5%	1/16W
				R1304	1-218-990-11	SHORT CHIP	0		
Q4718	8-729-055-88	TRANSISTOR	MCH3406-TL-E						
		< RESISTOR >		R1307	1-216-025-00	RES-CHIP	100	5%	1/10W
R1002	1-218-945-11	RES-CHIP	220	5%	1/16W				
R1003	1-218-990-11	SHORT CHIP	0						
R1004	1-218-990-11	SHORT CHIP	0						
R1005	1-218-990-11	SHORT CHIP	0						
R1006	1-216-295-91	SHORT CHIP	0						
				R1315	1-218-977-11	RES-CHIP	100K	5%	1/16W
R1007	1-218-953-11	RES-CHIP	1K	5%	1/16W				
R1008	1-218-965-11	RES-CHIP	10K	5%	1/16W				
R1009	1-218-954-11	RES-CHIP	1.2K	5%	1/16W				
R1010	1-218-963-11	RES-CHIP	6.8K	5%	1/16W				
R1011	1-218-945-11	RES-CHIP	220	5%	1/16W				
				R1316	1-218-977-11	RES-CHIP	100K	5%	1/16W
R1012	1-218-951-11	RES-CHIP	680	5%	1/16W				
R1019	1-218-990-11	SHORT CHIP	0						
R1020	1-218-945-11	RES-CHIP	220	5%	1/16W				
R1021	1-218-958-11	RES-CHIP	2.7K	5%	1/16W				
R1024	1-218-990-11	SHORT CHIP	0 (DCR-SR210E)						
				R1317	1-218-953-11	RES-CHIP	1K	5%	1/16W
R1025	1-218-990-11	SHORT CHIP	0						
				R1320	1-218-935-11	RES-CHIP	33	5%	1/16W
				R1326	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R1026	1-218-965-11	RES-CHIP	10K	5%	1/16W				
				R1327	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R1026	1-218-977-11	RES-CHIP	100K	5%	1/16W				
				R1328	1-218-990-11	SHORT CHIP	0		(DCR-SR220/SR220D/HDR-SR10/SR10D)
R1026	1-218-990-11	SHORT CHIP	0 (DCR-SR210E/SR220E)						
R1027	1-218-965-11	RES-CHIP	10K	5%	1/16W				
				R1330	1-218-990-11	SHORT CHIP	0		(HDR-SR10/SR10D/SR10E)
R1027	1-218-977-11	RES-CHIP	100K	5%	1/16W				
				R1333	1-218-977-11	RES-CHIP	100K	5%	1/16W
				R1334	1-218-977-11	RES-CHIP	100K	5%	1/16W
R1027	1-218-990-11	SHORT CHIP	0 (DCR-SR220/SR220D)						
R1028	1-218-953-11	RES-CHIP	1K	5%	1/16W				
R1029	1-216-864-11	SHORT CHIP	0						
R1036	1-218-951-11	RES-CHIP	680	5%	1/16W				
				R1335	1-218-977-11	RES-CHIP	100K	5%	1/16W
				R1336	1-218-977-11	RES-CHIP	100K	5%	1/16W
				R1344	1-218-990-11	SHORT CHIP	0		(DCR-SR210E/SR220/SR220D/SR220E)
				R1345	1-218-990-11	SHORT CHIP	0		(DCR-SR210E/SR220E/HDR-SR10E)
				R1353	1-218-973-11	RES-CHIP	47K	5%	1/16W
				R1354	1-218-990-11	SHORT CHIP	0		
				R1355	1-218-990-11	SHORT CHIP	0		
				R1360	1-694-535-11	SHORT CHIP	0		
				R1361	1-694-535-11	SHORT CHIP	0		
				R1362	1-694-535-11	SHORT CHIP	0		
				R1363	1-694-535-11	SHORT CHIP	0		
				R1364	1-694-535-11	SHORT CHIP	0		
				R1365	1-694-535-11	SHORT CHIP	0		

Ref. No.	Part No.	Description							
R1366	1-694-535-11	SHORT CHIP	0						
R1367	1-694-535-11	SHORT CHIP	0						
R1368	1-218-977-11	RES-CHIP	100K	5%	1/16W				
R1369	1-218-977-11	RES-CHIP	100K	5%	1/16W				
R1370	1-218-990-11	SHORT CHIP	0						
R1372	1-218-929-11	RES-CHIP	10	5%	1/16W				
R1503	1-216-864-11	SHORT CHIP	0						
R1504	1-216-864-11	SHORT CHIP	0						
R1505	1-216-864-11	SHORT CHIP	0						
R1602	1-216-295-91	SHORT CHIP	0						
R1701	1-216-295-91	SHORT CHIP	0						
R1702	1-218-990-11	SHORT CHIP	0						
R1704	1-218-990-11	SHORT CHIP	0		(HDR-SR10E)				
R1705	1-218-990-11	SHORT CHIP	0						
					(DCR-SR210E/SR220/SR220D/SR220E/HDR-SR10/SR10D)				
R1706	1-218-953-11	RES-CHIP	1K	5%	1/16W				
R1707	1-216-295-91	SHORT CHIP	0						
R1708	1-220-180-11	RES-CHIP	620	5%	1/16W				
R1709	1-208-911-11	METAL CHIP	10K	0.5%	1/16W				
R1711	1-218-941-11	RES-CHIP	100	5%	1/16W				
R1712	1-208-683-11	METAL CHIP	1K	0.5%	1/16W				
R1713	1-208-683-11	METAL CHIP	1K	0.5%	1/16W				
R1714	1-216-864-11	SHORT CHIP	0						
R1715	1-216-864-11	SHORT CHIP	0						
R1716	1-218-990-11	SHORT CHIP	0						
R1717	1-218-935-11	RES-CHIP	33	5%	1/16W				
					(HDR-SR10/SR10D/SR10E)				
R1718	1-218-990-11	SHORT CHIP	0						
					(HDR-SR10/SR10D/SR10E)				
R1719	1-218-990-11	SHORT CHIP	0						
					(HDR-SR10/SR10D/SR10E)				
R1720	1-208-643-11	RES-CHIP	22	0.5%	1/16W				
					(HDR-SR10/SR10D/SR10E)				
R1721	1-218-990-11	SHORT CHIP	0						
R1722	1-218-990-11	SHORT CHIP	0						
R1723	1-218-990-11	SHORT CHIP	0						
R1725	1-218-990-11	SHORT CHIP	0						
					(DCR-SR210E/SR220/SR220D/SR220E)				
R1726	1-218-990-11	SHORT CHIP	0						
					(HDR-SR10/SR10D/SR10E)				
R1729	1-208-643-11	RES-CHIP	22	0.5%	1/16W				
					(HDR-SR10/SR10D/SR10E)				
R1730	1-208-643-11	RES-CHIP	22	0.5%	1/16W				
					(HDR-SR10/SR10D/SR10E)				
R1731	1-218-990-11	SHORT CHIP	0						
					(DCR-SR210E/SR220/SR220D/SR220E)				
R1732	1-218-990-11	SHORT CHIP	0						
					(HDR-SR10/SR10D/SR10E)				
R1739	1-218-953-11	RES-CHIP	1K	5%	1/16W				
R1740	1-218-953-11	RES-CHIP	1K	5%	1/16W				
R1801	1-218-953-11	RES-CHIP	1K	5%	1/16W				
R1815	1-218-941-81	RES-CHIP	100	5%	1/16W				
R1816	1-218-990-11	SHORT CHIP	0						
R1817	1-218-990-11	SHORT CHIP	0						
R1818	1-218-990-11	SHORT CHIP	0						
R1819	1-218-990-11	SHORT CHIP	0						
R1820	1-218-937-11	RES-CHIP	47	5%	1/16W				
R1828	1-218-990-11	SHORT CHIP	0						
R1829	1-218-990-11	SHORT CHIP	0						
R1830	1-218-990-11	SHORT CHIP	0						
R1831	1-218-990-11	SHORT CHIP	0						
R1832	1-218-953-11	RES-CHIP	1K	5%	1/16W				
R1833	1-218-953-11	RES-CHIP	1K	5%	1/16W				
R1835	1-208-643-11	RES-CHIP	22	0.5%	1/16W				
					(HDR-SR10/SR10D/SR10E)				
R1835	1-218-935-11	RES-CHIP	33	5%	1/16W				
					(DCR-SR210E/SR220/SR220D/SR220E)				
R1836	1-218-962-11	RES-CHIP	5.6K	5%	1/16W				
R1844	1-218-990-11	SHORT CHIP	0						
R1845	1-218-990-11	SHORT CHIP	0						
R1846	1-218-961-11	RES-CHIP	4.7K	5%	1/16W				
R1847	1-218-977-11	RES-CHIP	100K	5%	1/16W				
R1851	1-218-990-11	SHORT CHIP	0						
					(DCR-SR210E/SR220/SR220D/SR220E)				
R1852	1-218-990-11	SHORT CHIP	0						
					(DCR-SR210E/SR220/SR220D/SR220E)				
R1854	1-218-990-11	SHORT CHIP	0						
R1855	1-218-990-11	SHORT CHIP	0						
R2007	1-216-864-11	SHORT CHIP	0						
R2008	1-218-990-11	SHORT CHIP	0						
R2010	1-216-864-11	SHORT CHIP	0						
R2011	1-216-864-11	SHORT CHIP	0						
R2102	1-218-935-11	RES-CHIP	33	5%	1/16W				
R2103	1-218-990-11	SHORT CHIP	0						
R2104	1-216-864-11	SHORT CHIP	0						
R2105	1-216-864-11	SHORT CHIP	0						
R2106	1-218-953-11	RES-CHIP	1K	5%	1/16W				
R2210	1-218-990-11	SHORT CHIP	0						
					(HDR-SR10/SR10D/SR10E)				
R2211	1-218-965-11	RES-CHIP	10K	5%	1/16W				
					(HDR-SR10/SR10D/SR10E)				
R2218	1-216-809-11	METAL CHIP	100	5%	1/10W				
					(HDR-SR10/SR10D/SR10E)				
R2219	1-216-809-11	METAL CHIP	100	5%	1/10W				
					(HDR-SR10/SR10D/SR10E)				
R2225	1-218-990-11	SHORT CHIP	0						
					(HDR-SR10/SR10D/SR10E)				
R2226	1-218-990-11	SHORT CHIP	0						
					(HDR-SR10/SR10D/SR10E)				
R2235	1-216-864-11	SHORT CHIP	0						
					(HDR-SR10/SR10D/SR10E)				
R2236	1-216-864-11	SHORT CHIP	0						
					(HDR-SR10/SR10D/SR10E)				
R2237	1-216-864-11	SHORT CHIP	0						
					(HDR-SR10/SR10D/SR10E)				
R2238	1-216-864-11	SHORT CHIP	0						
					(HDR-SR10/SR10D/SR10E)				
R2239	1-216-295-91	SHORT CHIP	0						
					(HDR-SR10/SR10D/SR10E)				
R2243	1-208-643-11	RES-CHIP	22	0.5%	1/16W				
					(HDR-SR10/SR10D/SR10E)				
R2244	1-218-990-11	SHORT CHIP	0						
					(HDR-SR10/SR10D/SR10E)				
R2245	1-218-990-11	SHORT CHIP	0						
					(HDR-SR10/SR10D/SR10E)				
R2301	1-216-295-91	SHORT CHIP	0						
					(HDR-SR10/SR10D/SR10E)				
R2401	1-218-990-11	SHORT CHIP	0						
					(DCR-SR210E/SR220/SR220D/SR220E)				
R2402	1-218-990-11	SHORT CHIP	0						

Ref. No.	Part No.	Description				Ref. No.	Part No.	Description			
R2403	1-218-990-11	SHORT CHIP	0			R2758	1-218-990-11	SHORT CHIP	0		
		(DCR-SR210E/SR220/SR220D/SR220E)						(HDR-SR10/SR10D/SR10E)			
R2404	1-218-990-11	SHORT CHIP	0			R2802	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
		(HDR-SR10/SR10D/SR10E)				R2803	1-218-973-11	RES-CHIP	47K	5%	1/16W
R2405	1-218-953-11	RES-CHIP	1K	5%	1/16W	R2804	1-218-973-11	RES-CHIP	47K	5%	1/16W
R2406	1-218-990-11	SHORT CHIP	0			R2805	1-218-953-11	RES-CHIP	1K	5%	1/16W
		(DCR-SR210E/SR220/SR220D/SR220E)				R2809	1-218-990-11	SHORT CHIP	0		
R2407	1-218-960-11	RES-CHIP	3.9K	5%	1/16W	R2818	1-208-699-11	METAL CHIP	4.7K	0.5%	1/16W
R2408	1-218-944-11	RES-CHIP	180	5%	1/16W	R2819	1-218-990-11	SHORT CHIP	0		
R2409	1-218-944-11	RES-CHIP	180	5%	1/16W	R3201	1-218-977-11	RES-CHIP	100K	5%	1/16W
		(HDR-SR10/SR10D/SR10E)						(HDR-SR10/SR10D/SR10E)			
R2410	1-218-960-11	RES-CHIP	3.9K	5%	1/16W	R3203	1-218-981-91	RES-CHIP	220K	5%	1/16W
		(HDR-SR10/SR10D/SR10E)						(DCR-SR210E/SR220/SR220D/SR220E)			
R2411	1-218-944-11	RES-CHIP	180	5%	1/16W	R3204	1-208-933-11	METAL CHIP	82K	0.5%	1/16W
R2412	1-218-960-11	RES-CHIP	3.9K	5%	1/16W			(DCR-SR210E/SR220/SR220D/SR220E)			
R2417	1-208-709-11	METAL CHIP	12K	0.5%	1/16W	R3205	1-208-933-11	METAL CHIP	82K	0.5%	1/16W
R2418	1-208-873-11	METAL CHIP	270	0.5%	1/16W			(DCR-SR210E/SR220/SR220D/SR220E)			
R2419	1-208-873-11	METAL CHIP	270	0.5%	1/16W	R3312	1-218-990-11	SHORT CHIP	0		
R2420	1-208-873-11	METAL CHIP	270	0.5%	1/16W	R3313	1-218-990-11	SHORT CHIP	0		
R2421	1-218-990-11	SHORT CHIP	0			R3316	1-218-990-11	SHORT CHIP	0		
R2422	1-218-990-11	SHORT CHIP	0			R3318	1-218-990-11	SHORT CHIP	0		
R2423	1-218-990-11	SHORT CHIP	0			R3319	1-218-990-11	SHORT CHIP	0		
R2440	1-218-990-11	SHORT CHIP	0			R3320	1-218-990-11	SHORT CHIP	0		
R2442	1-218-990-11	SHORT CHIP	0			R3322	1-218-990-11	SHORT CHIP	0		
R2443	1-218-990-11	SHORT CHIP	0			R4603	1-218-977-11	RES-CHIP	100K	5%	1/16W
		(HDR-SR10/SR10D/SR10E)				R4604	1-218-989-11	RES-CHIP	1M	5%	1/16W
R2444	1-218-990-11	SHORT CHIP	0			R4605	1-216-001-00	RES-CHIP	10	5%	1/10W
		(HDR-SR10/SR10D/SR10E)				R4606	1-218-953-11	RES-CHIP	1K	5%	1/16W
R2602	1-218-990-11	SHORT CHIP	0			R4607	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
		(HDR-SR10/SR10D/SR10E)				R4608	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2604	1-218-935-11	RES-CHIP	33	5%	1/16W	R4609	1-218-989-11	RES-CHIP	1M	5%	1/16W
		(HDR-SR10/SR10D/SR10E)				R4610	1-218-953-11	RES-CHIP	1K	5%	1/16W
R2714	1-218-971-11	RES-CHIP	33K	5%	1/16W	R4614	1-218-990-11	SHORT CHIP	0		
		(HDR-SR10/SR10D/SR10E)				R4701	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2715	1-208-886-11	METAL CHIP	910	0.5%	1/16W	R4702	1-218-977-11	RES-CHIP	100K	5%	1/16W
		(HDR-SR10/SR10D/SR10E)				R4703	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R2716	1-218-990-11	SHORT CHIP	0			R4704	1-208-931-11	RES-CHIP	68K	0.5%	1/16W
		(HDR-SR10/SR10D/SR10E)				R4705	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R2718	1-218-970-11	RES-CHIP	27K	5%	1/16W	R4706	1-216-789-11	METAL CHIP	2.2	5%	1/10W
		(HDR-SR10/SR10D/SR10E)				R4707	1-218-941-81	RES-CHIP	100	5%	1/16W
R2727	1-218-935-11	RES-CHIP	33	5%	1/16W	R4708	1-218-955-11	RES-CHIP	1.5K	5%	1/16W
		(HDR-SR10/SR10D/SR10E)				R4709	1-208-911-11	METAL CHIP	10K	0.5%	1/16W
R2728	1-218-935-11	RES-CHIP	33	5%	1/16W	R4710	1-218-990-11	SHORT CHIP	0		
		(HDR-SR10/SR10D/SR10E)				R4712	1-208-715-11	METAL CHIP	22K	0.5%	1/16W
R2729	1-218-935-11	RES-CHIP	33	5%	1/16W	R4713	1-208-687-11	METAL CHIP	1.5K	0.5%	1/16W
		(HDR-SR10/SR10D/SR10E)				R4718	1-220-211-11	RES-CHIP	240K	5%	1/16W
R2730	1-218-935-11	RES-CHIP	33	5%	1/16W	R4720	1-218-969-11	RES-CHIP	22K	5%	1/16W
		(HDR-SR10/SR10D/SR10E)				R4723	1-218-953-11	RES-CHIP	1K	5%	1/16W
R2731	1-218-935-11	RES-CHIP	33	5%	1/16W	R4724	1-218-969-11	RES-CHIP	22K	5%	1/16W
		(HDR-SR10/SR10D/SR10E)				R4725	1-218-990-11	SHORT CHIP	0		
R2732	1-218-935-11	RES-CHIP	33	5%	1/16W	R4729	1-218-970-11	RES-CHIP	27K	5%	1/16W
		(HDR-SR10/SR10D/SR10E)				R4730	1-208-927-11	METAL CHIP	47K	0.5%	1/16W
R2733	1-218-935-11	RES-CHIP	33	5%	1/16W	R4731	1-218-969-11	RES-CHIP	22K	5%	1/16W
		(HDR-SR10/SR10D/SR10E)				R4732	1-218-977-11	RES-CHIP	100K	5%	1/16W
R2734	1-218-935-11	RES-CHIP	33	5%	1/16W	R4733	1-218-989-11	RES-CHIP	1M	5%	1/16W
		(HDR-SR10/SR10D/SR10E)				R4734	1-218-989-11	RES-CHIP	1M	5%	1/16W
R2741	1-218-973-11	RES-CHIP	47K	5%	1/16W	R4735	1-218-941-81	RES-CHIP	100	5%	1/16W
		(HDR-SR10/SR10D/SR10E)				R4736	1-218-941-81	RES-CHIP	100	5%	1/16W
R2744	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	R4737	1-218-937-11	RES-CHIP	47	5%	1/16W
		(HDR-SR10/SR10D/SR10E)									
R2754	1-218-990-11	SHORT CHIP	0								
		(HDR-SR10/SR10D/SR10E)									

Ref. No.	Part No.	Description			
R4738	1-218-941-81	RES-CHIP	100	5%	1/16W
R4739	1-218-941-81	RES-CHIP	100	5%	1/16W
R4740	1-218-990-11	SHORT CHIP	0		
R4742	1-218-985-11	RES-CHIP	470K	5%	1/16W
R4744	1-218-985-11	RES-CHIP	470K	5%	1/16W
R4745	1-218-941-81	RES-CHIP	100	5%	1/16W
R4748	1-216-864-11	SHORT CHIP	0		
R4784	1-208-933-11	METAL CHIP	82K	0.5%	1/16W (HDR-SR10/SR10D/SR10E)
R4785	1-208-944-81	METAL CHIP	240K	0.5%	1/16W (HDR-SR10/SR10D/SR10E)
R4911	1-245-604-11	METAL CHIP	10M	5%	1/16W
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
R4916	1-218-973-11	RES-CHIP	47K	5%	1/16W
R4917	1-218-953-11	RES-CHIP	1K	5%	1/16W
R4927	1-218-973-11	RES-CHIP	47K	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
R4931	1-218-977-11	RES-CHIP	100K	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
R4934	1-208-935-11	METAL CHIP	100K	0.5%	1/16W
R4935	1-218-953-11	RES-CHIP	1K	5%	1/16W
R4936	1-218-953-11	RES-CHIP	1K	5%	1/16W
R4937	1-218-953-11	RES-CHIP	1K	5%	1/16W
R4938	1-218-977-11	RES-CHIP	100K	5%	1/16W
R4940	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4942	1-218-965-11	RES-CHIP	10K	5%	1/16W
< COMPOSITION CIRCUIT BLOCK >					
* RB1001	1-234-723-21	RES, NETWORK	75 (1005X4)		
RB1101	1-242-963-21	RES, NETWORK	33 (1005X4)		
RB1102	1-242-963-21	RES, NETWORK	33 (1005X4)		
RB1103	1-242-963-21	RES, NETWORK	33 (1005X4)		
RB1104	1-242-963-21	RES, NETWORK	33 (1005X4)		
RB1105	1-242-963-21	RES, NETWORK	33 (1005X4)		
RB1701	1-234-375-21	RES, NETWORK	1.0K (1005X4)		
RB1703	1-234-375-21	RES, NETWORK	1.0K (1005X4)		
RB1704	1-234-381-11	RES, NETWORK	100K (1005X4)		
* RB1705	1-234-384-21	RES, NETWORK	1M (1005X4)		
RB1706	1-234-378-11	RES, NETWORK	10K (1005X4)		
RB1801	1-234-378-11	RES, NETWORK	10K (1005X4)		
* RB2101	1-234-380-21	RES, NETWORK	47K (1005X4)		
RB2202	1-242-963-21	RES, NETWORK	33 (1005X4) (HDR-SR10/SR10D/SR10E)		
RB2203	1-242-963-21	RES, NETWORK	33 (1005X4) (HDR-SR10/SR10D/SR10E)		
RB2204	1-234-375-21	RES, NETWORK	1.0K (1005X4) (HDR-SR10/SR10D/SR10E)		
RB2402	1-234-377-21	RES, NETWORK	4.7K (1005X4)		
RB2701	1-234-377-21	RES, NETWORK	4.7K (1005X4) (HDR-SR10/SR10D/SR10E)		
RB2702	1-234-375-21	RES, NETWORK	1.0K (1005X4) (HDR-SR10/SR10D/SR10E)		
RB2801	1-234-376-11	RES, NETWORK	2.2K (1005X4)		
* RB2803	1-234-379-21	RES, NETWORK	22K (1005X4)		
* RB2804	1-234-380-21	RES, NETWORK	47K (1005X4)		

Ref. No.	Part No.	Description			
RB2805	1-234-945-21	RES, NETWORK	100 (1005X4)		
RB4901	1-234-378-11	RES, NETWORK	10K (1005X4)		
RB4902	1-234-375-21	RES, NETWORK	1.0K (1005X4)		
RB4903	1-234-378-11	RES, NETWORK	10K (1005X4)		
RB4904	1-234-375-21	RES, NETWORK	1.0K (1005X4)		
< SENSOR >					
* SE3201	1-478-556-11	3 AXIS ACCELEROMETER			(HDR-SR10/SR10D/SR10E)
* SE3202	1-480-307-11	3 AXIS ACCELEROMETER			(DCR-SR210E/SR220/SR220D/SR220E)
< VARISTOR >					
* VD1001	1-802-279-11	VARISTOR (SMD)			
< VIBRATOR >					
X1301	1-795-994-11	QUARTZ CRYSTAL OSCILLATOR (48MHz)			
* X1701	1-813-403-81	QUARTZ CRYSTAL OSCILLATOR (12MHz)			
X4901	1-781-525-11	VIBRATOR, CRYSTAL (32.768kHz)			

DCR-SR210E/SR220/SR220D/SR220E/ HDR-SR10/SR10D/SR10E

RMT-835

SONY

SERVICE MANUAL

Ver. 1.1 2008.05

LEVEL 3

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


SUPPLEMENT-1

File this supplement with the service manual.
(D108-056)

Subject


• Addition of Thai Model for HDR-SR10E


Model information table

 : Points added portion

Page	Before Change																																																																								
2	<p>Model information table</p> <table border="1"> <thead> <tr> <th>Model</th> <th>DCR-SR210E</th> <th>DCR-SR220</th> <th>DCR-SR220D</th> <th>DCR-SR220E</th> </tr> </thead> <tbody> <tr> <td>Destination</td> <td>AEP, UK</td> <td>US, CND, E, KR, JE, J</td> <td>US</td> <td>NE, E, CH, HK, AUS, JE</td> </tr> <tr> <td>Color system</td> <td>PAL</td> <td>NTSC</td> <td>NTSC</td> <td>PAL</td> </tr> <tr> <td>Hard disk</td> <td>60GB</td> <td>60GB</td> <td>120GB</td> <td>60GB</td> </tr> <tr> <td>HDMI OUT jack</td> <td>×</td> <td>×</td> <td>×</td> <td>×</td> </tr> <tr> <td>Data copy</td> <td>CAM → PC PC → CAM</td> <td>○ ○</td> <td>○ ○</td> <td>○ ○</td> </tr> <tr> <td>Video compression format</td> <td>MPEG2/JPEG (Still image)</td> <td>MPEG2/JPEG (Still image)</td> <td>MPEG2/JPEG (Still image)</td> <td>MPEG2/JPEG (Still image)</td> </tr> <tr> <td>FP-855 Flexible Board</td> <td>×</td> <td>×</td> <td>×</td> <td>×</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th>Model</th> <th>HDR-SR10</th> <th>HDR-SR10D</th> <th>HDR-SR10E</th> </tr> </thead> <tbody> <tr> <td>Destination</td> <td>US, CND, E, KR, JE</td> <td>US</td> <td>AEP, UK, NE, E, CH, HK, AUS, JE</td> </tr> <tr> <td>Color system</td> <td>NTSC</td> <td>NTSC</td> <td>PAL</td> </tr> <tr> <td>Hard disk</td> <td>40GB</td> <td>120GB</td> <td>40GB</td> </tr> <tr> <td>HDMI OUT jack</td> <td>○</td> <td>○</td> <td>○</td> </tr> <tr> <td>Data copy</td> <td>CAM → PC PC → CAM</td> <td>○ ○</td> <td>○ ○</td> </tr> <tr> <td>Video compression format</td> <td>AVCHD (HD)/MPEG2/JPEG (Still image)</td> <td>AVCHD (HD)/MPEG2/JPEG (Still image)</td> <td>AVCHD (HD)/MPEG2/JPEG (Still image)</td> </tr> <tr> <td>FP-855 Flexible Board</td> <td>○</td> <td>○</td> <td>○</td> </tr> </tbody> </table> <p>• Abbreviation AUS : Australian model CH : Chinese model CND : Canadian model HK : Hong Kong model J : Japanese model JE : Tourist model KR : Korea model NE : North European model</p>	Model	DCR-SR210E	DCR-SR220	DCR-SR220D	DCR-SR220E	Destination	AEP, UK	US, CND, E, KR, JE, J	US	NE, E, CH, HK, AUS, JE	Color system	PAL	NTSC	NTSC	PAL	Hard disk	60GB	60GB	120GB	60GB	HDMI OUT jack	×	×	×	×	Data copy	CAM → PC PC → CAM	○ ○	○ ○	○ ○	Video compression format	MPEG2/JPEG (Still image)	MPEG2/JPEG (Still image)	MPEG2/JPEG (Still image)	MPEG2/JPEG (Still image)	FP-855 Flexible Board	×	×	×	×	Model	HDR-SR10	HDR-SR10D	HDR-SR10E	Destination	US, CND, E, KR, JE	US	AEP, UK, NE, E, CH, HK, AUS, JE	Color system	NTSC	NTSC	PAL	Hard disk	40GB	120GB	40GB	HDMI OUT jack	○	○	○	Data copy	CAM → PC PC → CAM	○ ○	○ ○	Video compression format	AVCHD (HD)/MPEG2/JPEG (Still image)	AVCHD (HD)/MPEG2/JPEG (Still image)	AVCHD (HD)/MPEG2/JPEG (Still image)	FP-855 Flexible Board	○	○	○
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5. REPAIR PARTS LIST

 : Points added portion

Page	Before Change	After Change
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Revision History

Ver.	Date	History	Contents	S.M. Rev. issued
1.0	2008.01	Official Release	—	—
1.1	2008.05	Supplement-1 (DI08-056)	• Addition of Thai Model for HDR-SR10E	No