

# DSLR-A300

## SERVICE MANUAL

LEVEL 3

Ver. 1.1 2008.06

Revision History

Revised-1

Replace the previously issued SERVICE MANUAL 9-852-277-11 with this manual.



AEP Model  
UK Model  
E Model  
Chinese Model  
Japanese Model

### Link

• SERVICE NOTE

• 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.

DIGITAL SINGLE LENS REFLEX CAMERA

SONY®

## 1-1. CHEMICALS

Some chemicals used for servicing are highly volatile.

Their evaporation caused by improper management affects your health and environment, and wastes resources.

Manage the chemicals carefully as follows.

- Store chemicals sealed in a specific place to prevent from exposure to high temperature or direct sunlight.
- Avoid dividing chemicals into excessive numbers of small containers to reduce natural evaporation.
- Keep containers sealed to avoid natural evaporation when chemicals are not in use.
- Avoid using chemicals as much as possible. When using chemicals, divide only required amount to a small plate from the container and use up it.

## 1-2. EXTERIOR PARTS

Be careful to the following points for plastic parts used in this unit.

- Use a piece of cleaning paper or cleaning cloth for cleaning plastic parts. Avoid using chemicals. Even if you have to use chemicals to clean heavy dirt, don't use paint thinner, ketone, nor alcohol.
- Insert the specific screws vertically to the part when installing a plastic part. Be careful not to tighten screws too much.

## 1-3. UNLEADED SOLDER

This unit uses 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**

Be careful to the following points to solder or unsolder.

- Set the soldering iron tip temperature to 350 °C approximately.  
If cannot control temperature, solder/unsolder at high temperature for a short time.  
**Caution:** The printed pattern (copper foil) may peel away if the heated tip is applied for too long, so be careful!  
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.
- Be sure to control soldering iron tips used for unleaded solder and those for leaded solder so they are managed separately. Mixing unleaded solder and leaded solder will cause detachment phenomenon.

## 1-4. 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.

**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.**

### 1-1. 各種薬品の取り扱いについて

現在使用されている薬品の中には揮発性の高い薬品もあります。それらを不用意に取り扱い蒸発させてしまうと、環境や健康へ影響を与えたり、資源の無駄使いになります。各種薬品は、下記の点に注意して取り扱ってください。

- ・ 保管場所を定め、高温になったり直射日光の当たらない場所に密閉して保管してください。
- ・ 小分け（ハンドラップ等）する数は必要最小限に留め、容器による自然蒸発を防いでください。
- ・ 作業に使用しない時は、必ずキャップ等をして自然蒸発を防いでください。
- ・ 薬品を使用する回数を極力少なくし、使用する場合は使用する量だけ容器より出して受け皿に残さないようにしてください。

### 1-2. 樹脂系部品の取り扱いについて

本機に使用されている樹脂系の部品は、下記の点に注意して取り扱ってください。

- ・ 清掃には薬品を使用せず、清掃紙や清掃布を使用してください。やむを得ず汚れがひどくて薬品を使用する場合は、シンナー、ケトン、エーテルは使用しないでください。
- ・ 各部品の取り付けには指定されたねじを使用し、部品に対して垂直に取り付けてください。また、ねじを締め付ける時は、無理な力を加えないでください。

### 1-3. 無鉛半田について

本機には無鉛半田が使用されています。

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い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

無鉛半田は、下記の点に注意して使用してください。

- ・ 半田こてのこて先温度は約350℃に設定してください。温度調節が無理な場合は、高温短時間で作業を行ってください。  
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、注意してください。また、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ください。
- ・ 半田こてのこて先は、必ず無鉛半田用と有鉛半田用に分けて管理してください。無鉛半田と有鉛半田が混在すると剥離現象が発生してしまいます。

## 1-4. SAFETY CHECK-OUT

サービス、点検時には次のことにご注意ください。

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ください。
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ください。  
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ください。
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プ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ください。
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ください。
5. チップ部品交換時の注意
  - ・取り外した部品は再使用しないでください。
  - ・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ください。
6. フレキシブルプリント基板の取扱いについて
  - ・こて先温度を270℃前後にして行なってください。
  - ・同一パターンに何度もコテ先を当てないでください。（3回以内）
  - ・パターンに力が加わらないよう注意してください。

### 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。

## 4-2. SCHEMATIC DIAGRAMS

### Link

<ul style="list-style-type: none"><li>AM-013 BOARD (1/19) (AFE, TIMING GENERATOR)</li></ul>	<ul style="list-style-type: none"><li>AM-013 BOARD (11/19) (ANTI-SHAKE DRIVE)</li></ul>
<ul style="list-style-type: none"><li>AM-013 BOARD (2/19) (IMAGE PROCESSOR)</li></ul>	<ul style="list-style-type: none"><li>AM-013 BOARD (12/19) (BATTERY AUTHENTICATION)</li></ul>
<ul style="list-style-type: none"><li>AM-013 BOARD (3/19) (IMAGE PROCESSOR, SDRAM)</li></ul>	<ul style="list-style-type: none"><li>AM-013 BOARD (13/19) (REGULATOR)</li></ul>
<ul style="list-style-type: none"><li>AM-013 BOARD (4/19) (IMAGE PROCESSOR)</li></ul>	<ul style="list-style-type: none"><li>AM-013 BOARD (14/19) (DC IN)</li></ul>
<ul style="list-style-type: none"><li>AM-013 BOARD (5/19) (FLASH)</li></ul>	<ul style="list-style-type: none"><li>AM-013 BOARD (15/19) (DC/DC CONVERTER)</li></ul>
<ul style="list-style-type: none"><li>AM-013 BOARD (6/19) (MAIN CPU)</li></ul>	<ul style="list-style-type: none"><li>AM-013 BOARD (16/19) (CONNECTOR)</li></ul>
<ul style="list-style-type: none"><li>AM-013 BOARD (7/19) (I/O CONTROL)</li></ul>	<ul style="list-style-type: none"><li>AM-013 BOARD (17/19) (CONNECTOR)</li></ul>
<ul style="list-style-type: none"><li>AM-013 BOARD (8/19) (MOTOR DRIVE)</li></ul>	<ul style="list-style-type: none"><li>AM-013 BOARD (18/19) (CONNECTOR)</li></ul>
<ul style="list-style-type: none"><li>AM-013 BOARD (9/19) (ANTI-SHAKE CONTROL, SUB CPU)</li></ul>	<ul style="list-style-type: none"><li>AM-013 BOARD (19/19) (CONNECTOR)</li></ul>
<ul style="list-style-type: none"><li>AM-013 BOARD (10/19) (ANTI-SHAKE ANALOG MASTER)</li></ul>	

- 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  $\mu\text{F}$  unless otherwise noted.  $\text{pF} : \mu\text{F} : 50\text{ V}$  or less are not indicated except for electrolytics and tantalums.
- Chip resistors are  $1/10\text{ W}$  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
	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  $\star$  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  $\rightarrow$  EDIT PB/XREC  $\rightarrow$  PB/REC
- : non flammable resistor
- : fusible resistor
- : panel designation
- : B+ Line
- : B- Line
- : IN/OUT direction of (+,-) B LINE.
- : adjustment for repair.

**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.

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 spécifique.

## (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 $\mu\text{F}$  (pはpF)。
- チップ抵抗で指示のないものは、 $1/10\text{W}$ 以下。  
 $\text{k}\Omega = 1000\ \Omega$ ,  $\text{M}\Omega = 1000\text{k}\Omega$
- 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ため注意してください。
- 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。
- $\star$ 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ター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  $\rightarrow$  EDIT PB/XREC  $\rightarrow$  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。

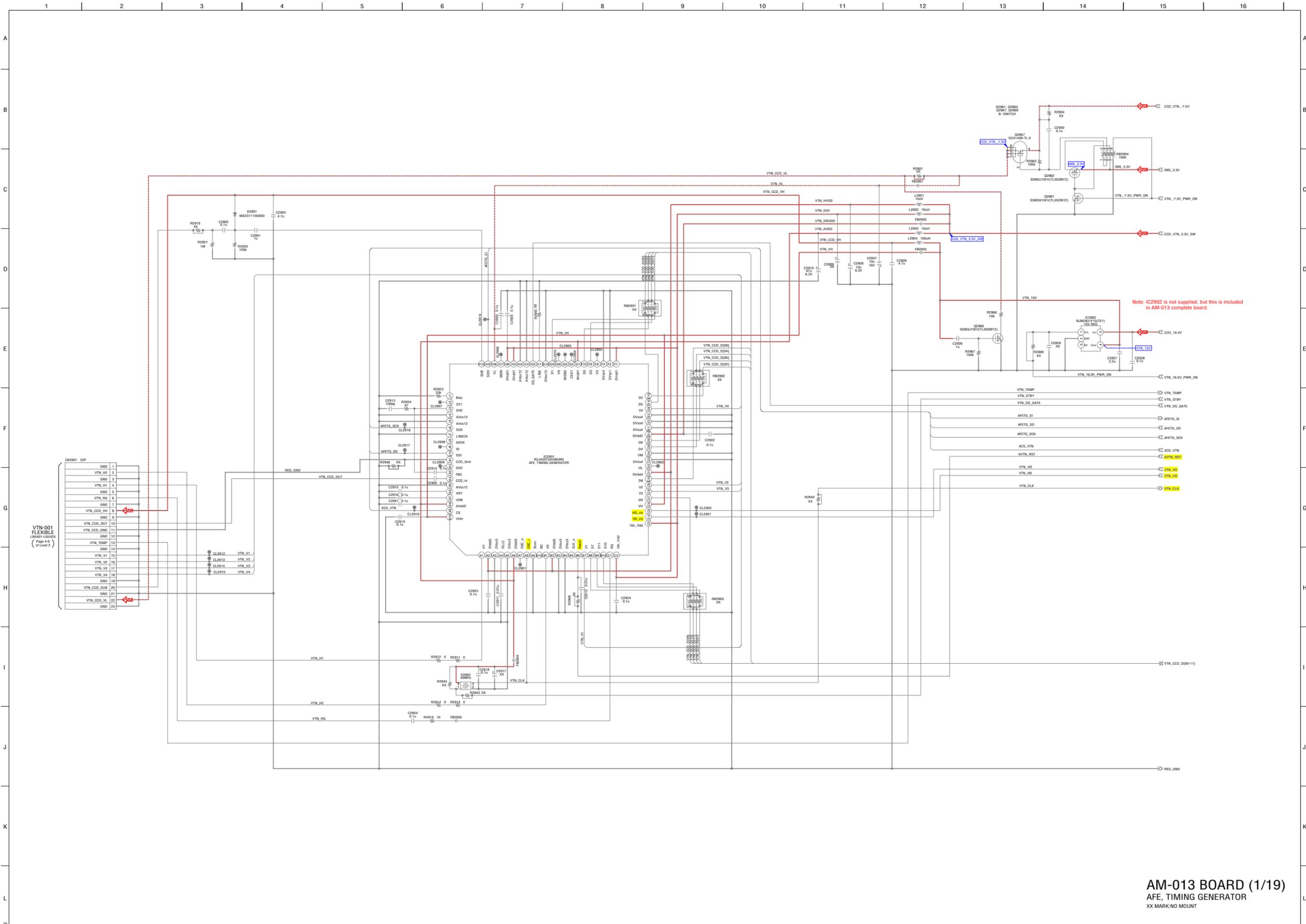
## イメージ交換時の注意

- 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。

## お願い

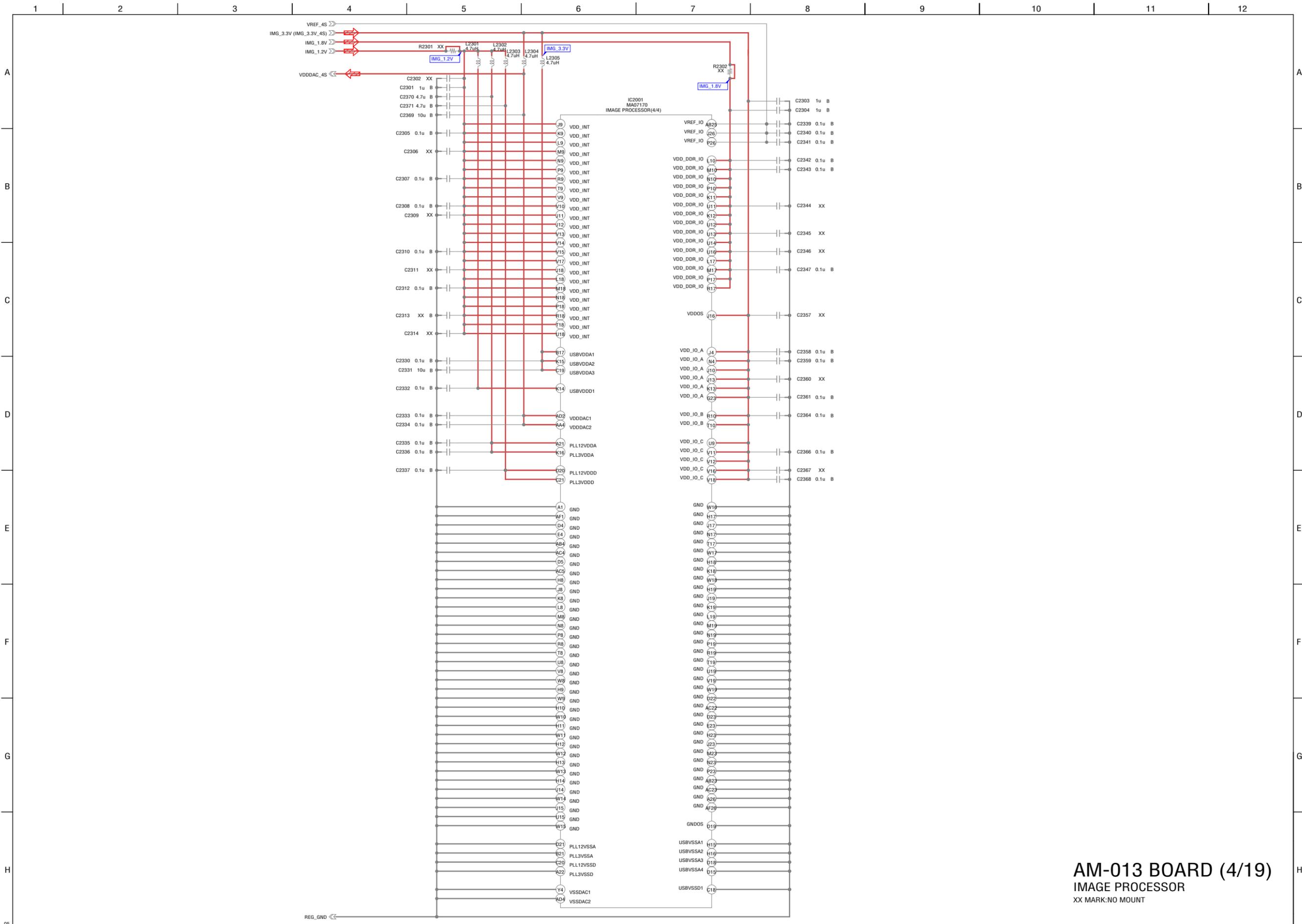
図面番号で部品を指定するときは基板名又はブロックを併せて指定して下さい。

$\triangle$ 印の部品、または $\triangle$ 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。

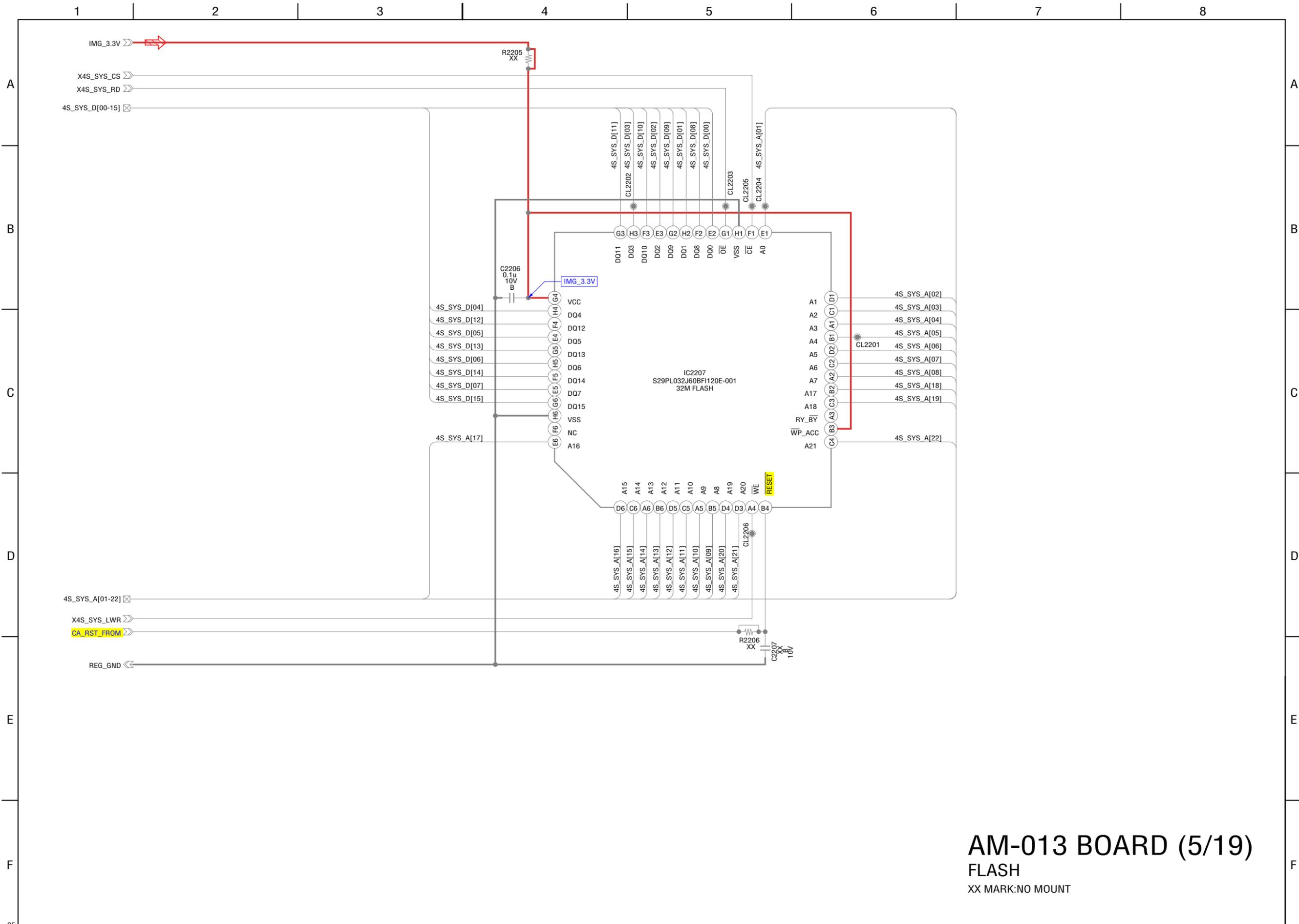






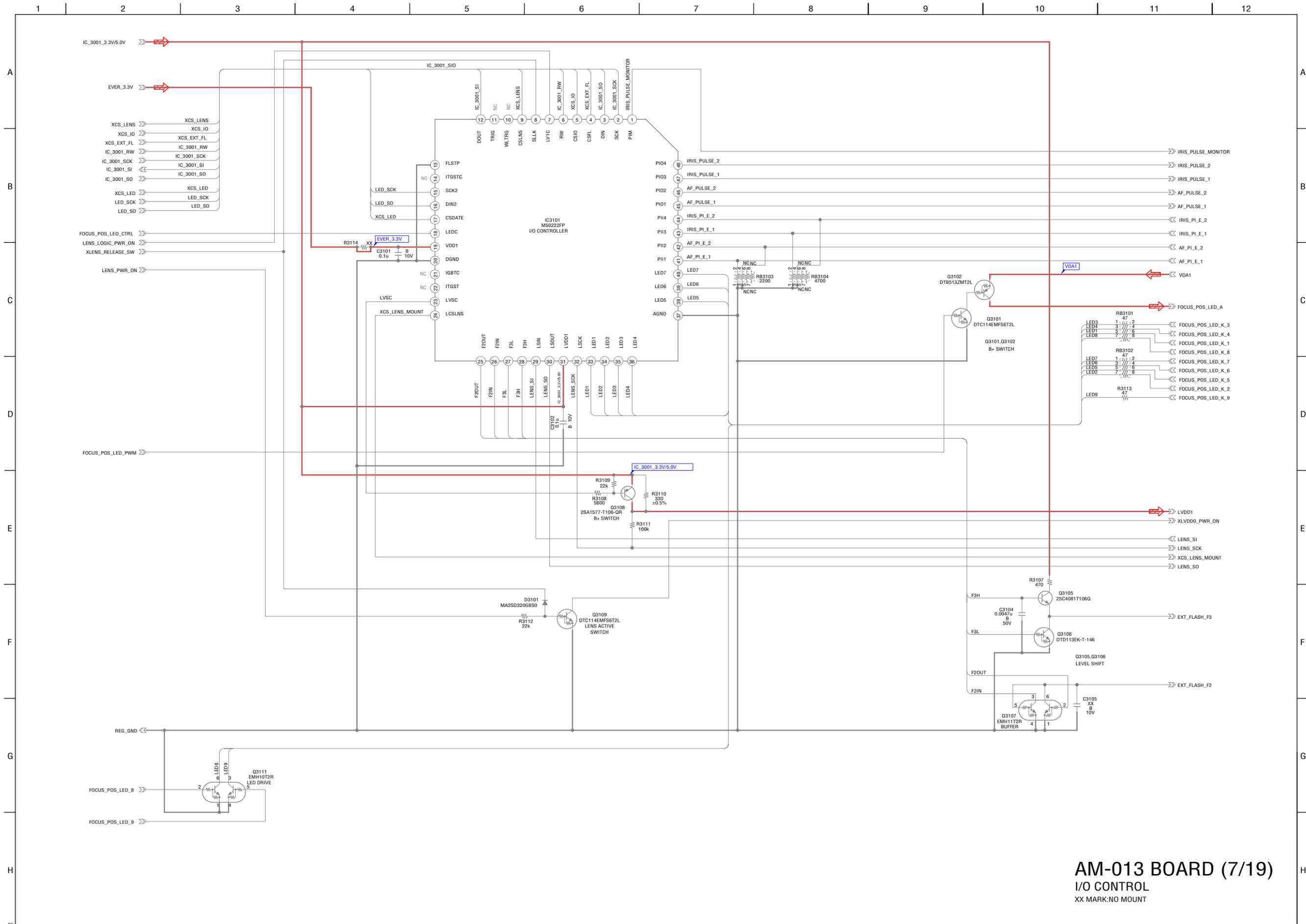


**AM-013 BOARD (4/19)**  
 IMAGE PROCESSOR  
 XX MARK:NO MOUNT



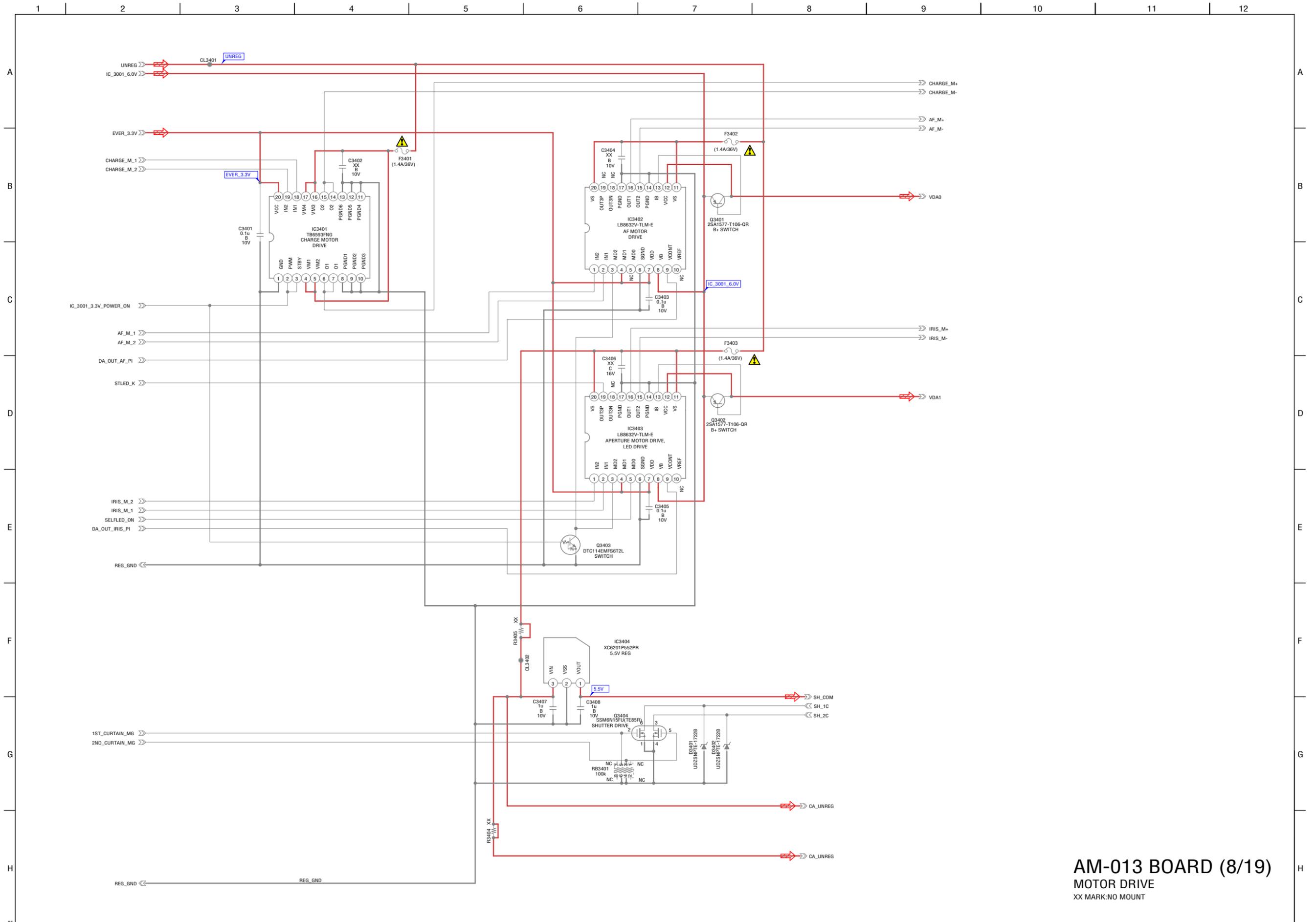
**AM-013 BOARD (5/19)**  
**FLASH**  
 XX MARK:NO MOUNT



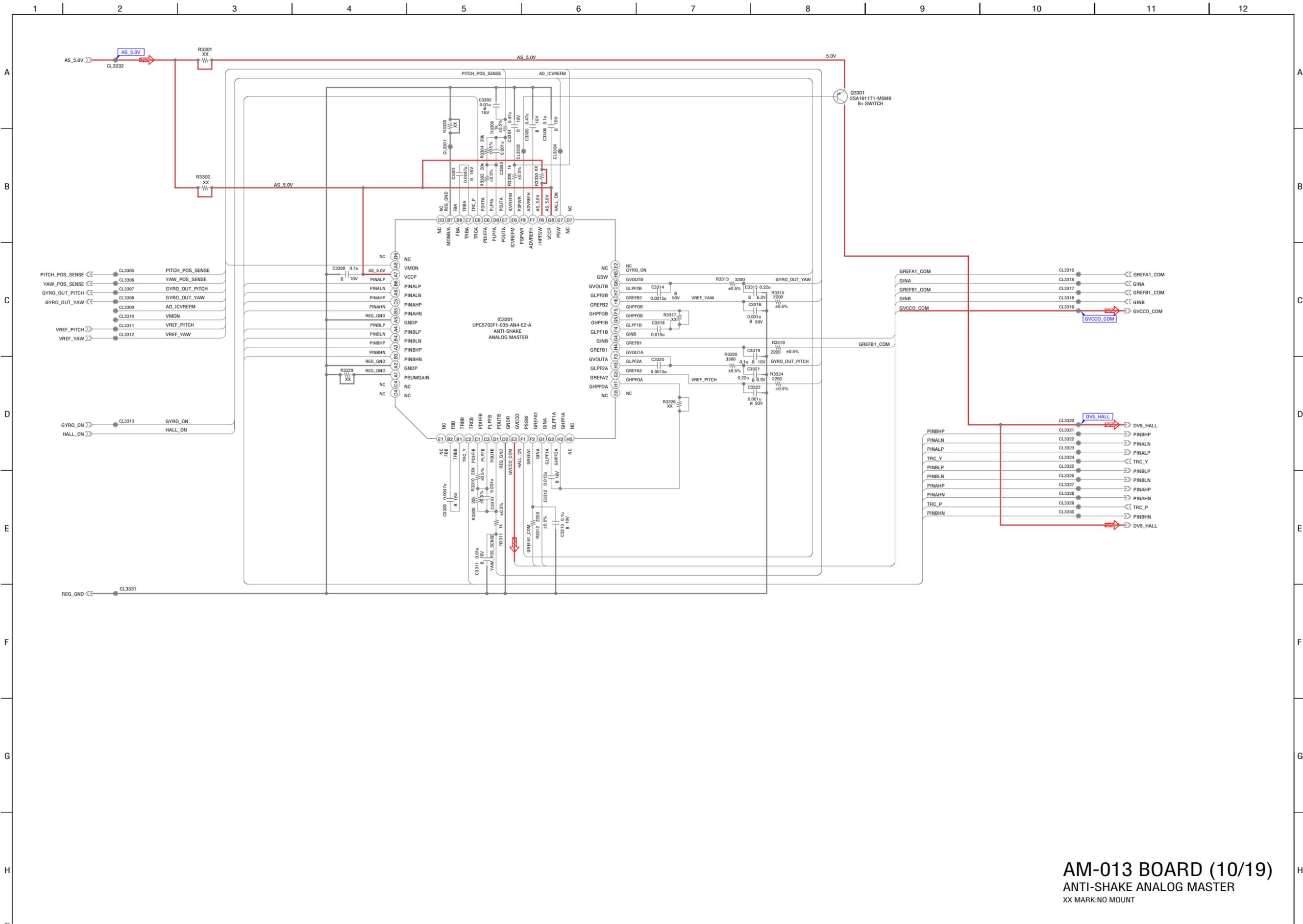


**AM-013 BOARD (7/19)**  
**I/O CONTROL**  
 XX MARK:NO MOUNT

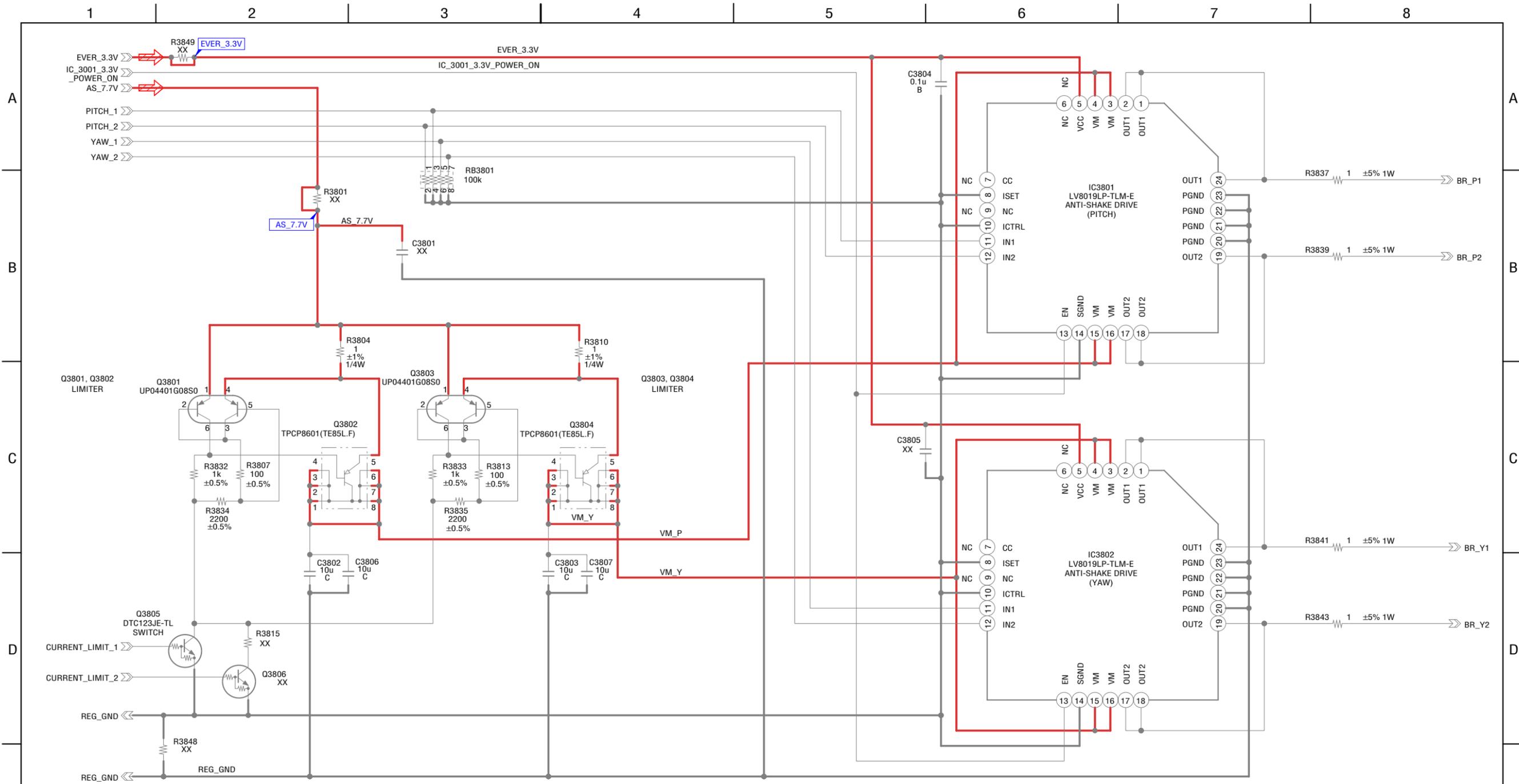
• Refer to page 4-2 for mark  $\Delta$ .



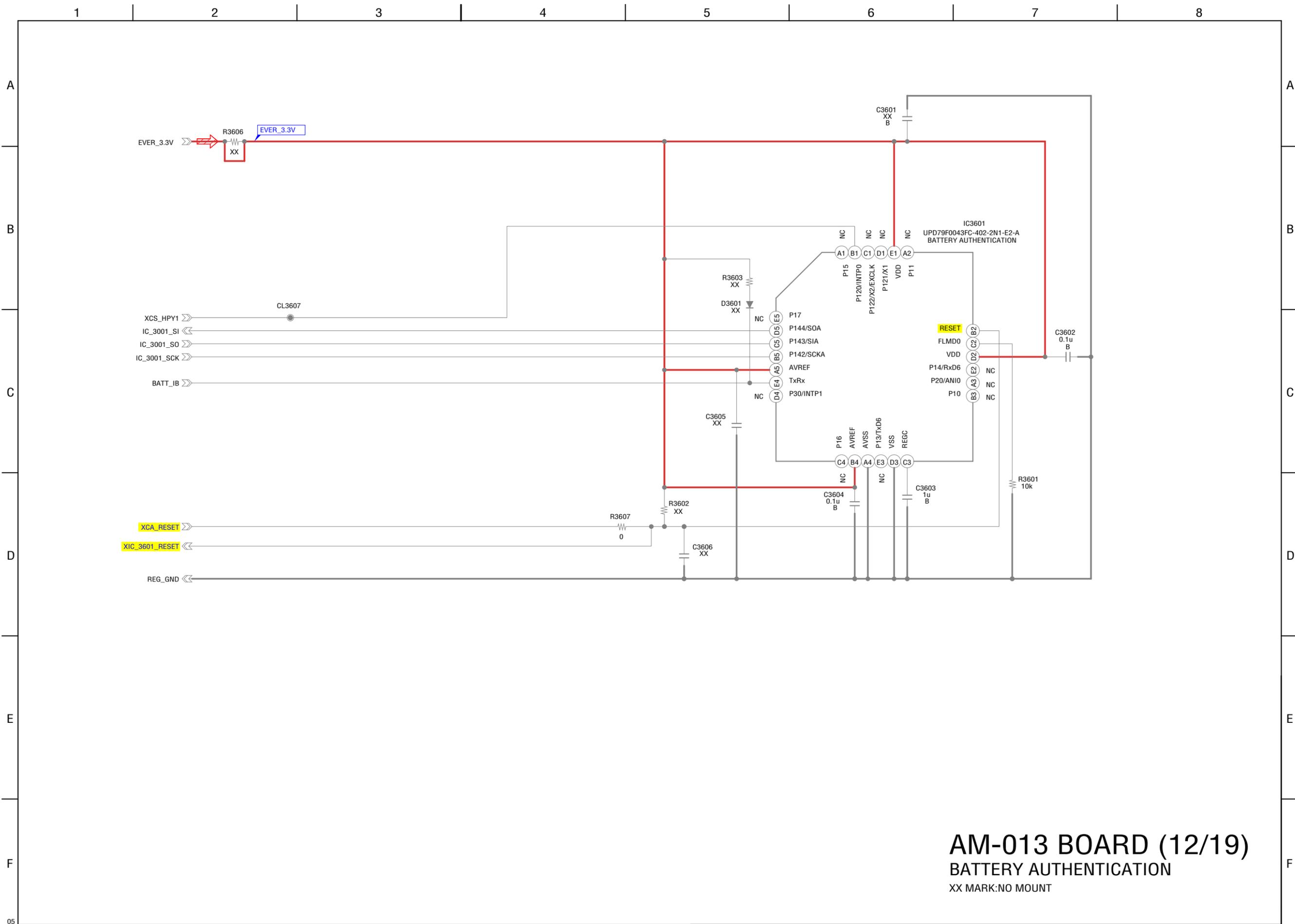




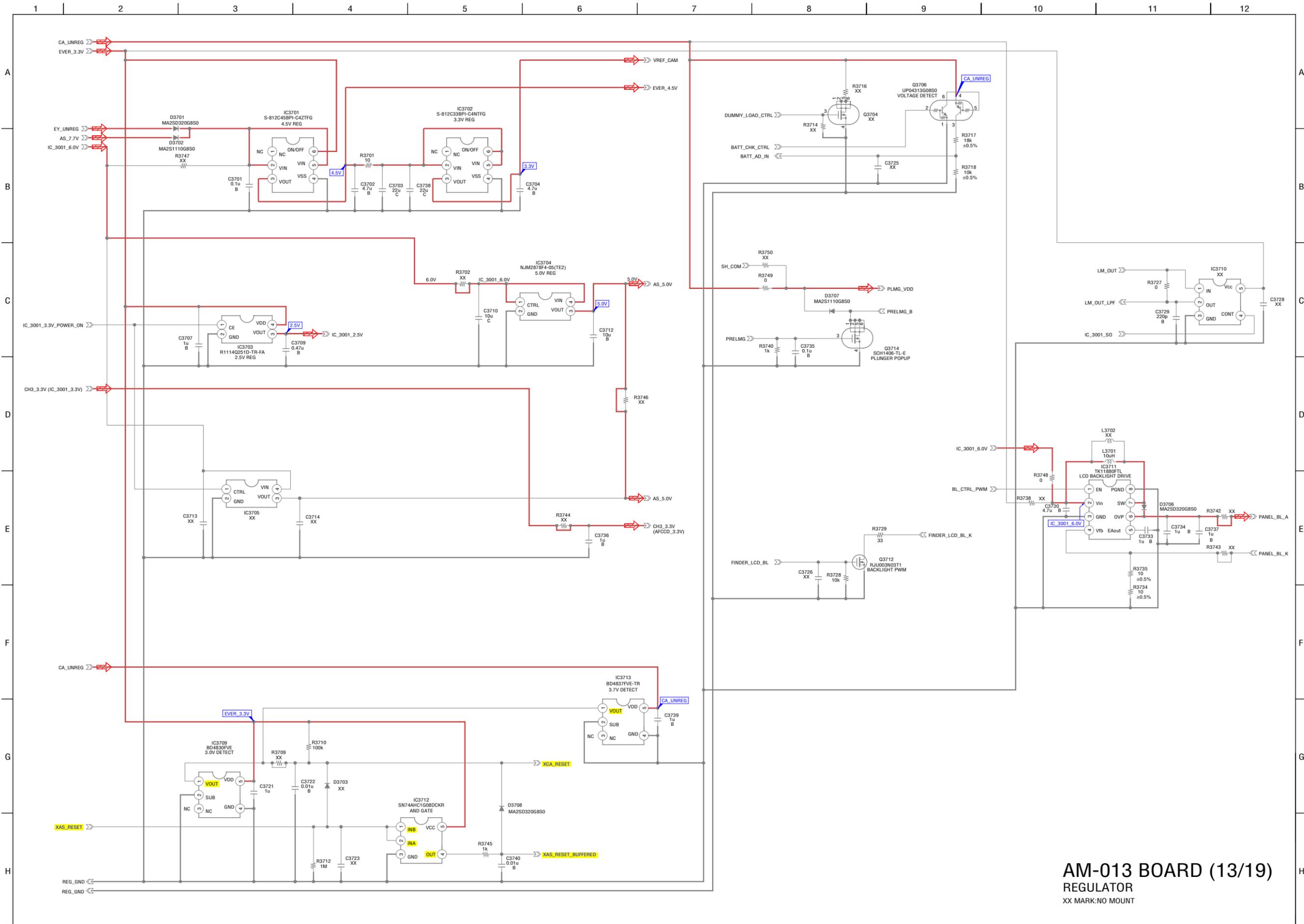
**AM-013 BOARD (10/19)**  
 ANTI-SHAKE ANALOG MASTER  
 XX MARK:NO MOUNT



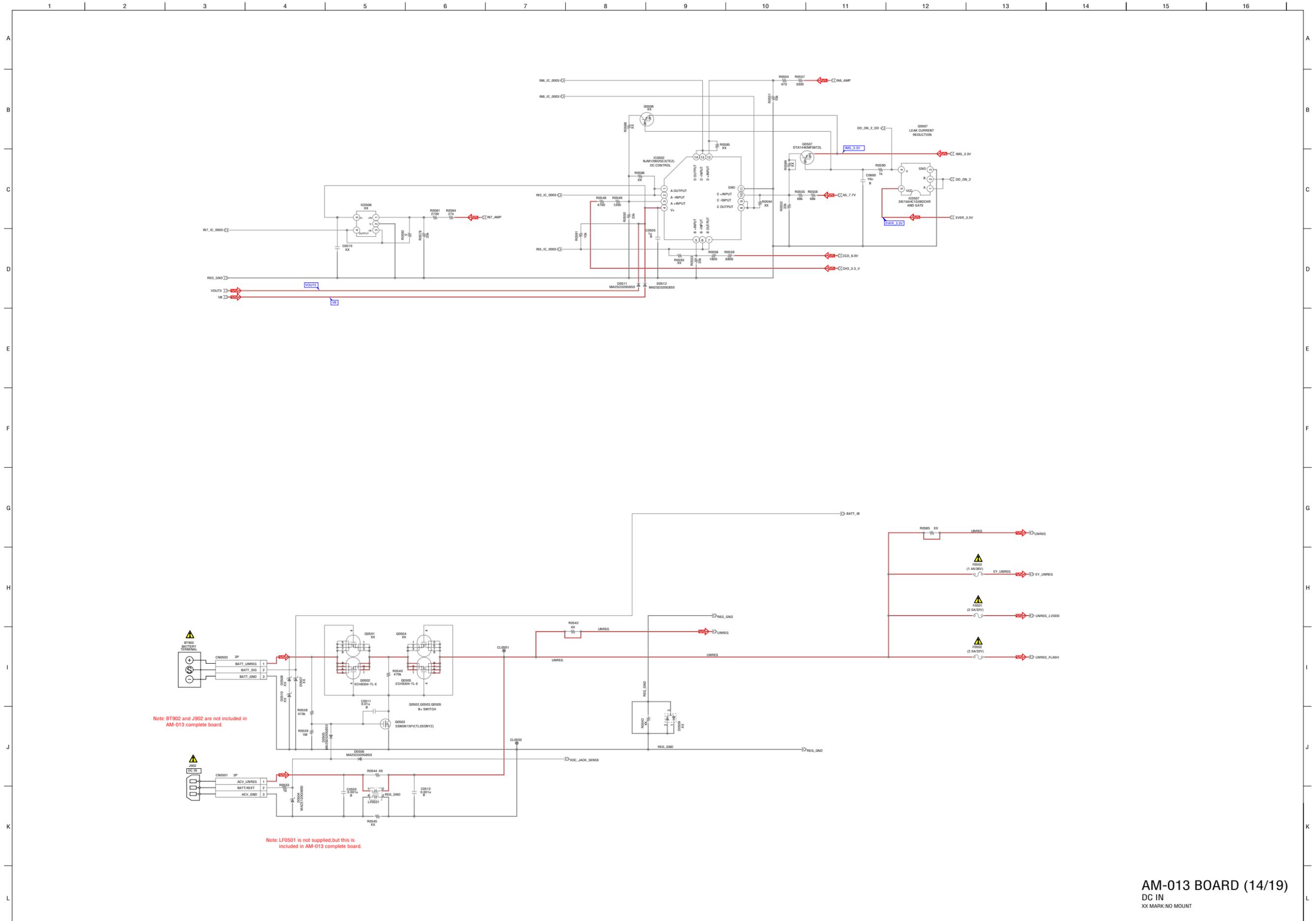
**AM-013 BOARD (11/19)**  
**ANTI-SHAKE DRIVE**  
 XX MARK:NO MOUNT



**AM-013 BOARD (12/19)**  
**BATTERY AUTHENTICATION**  
 XX MARK:NO MOUNT

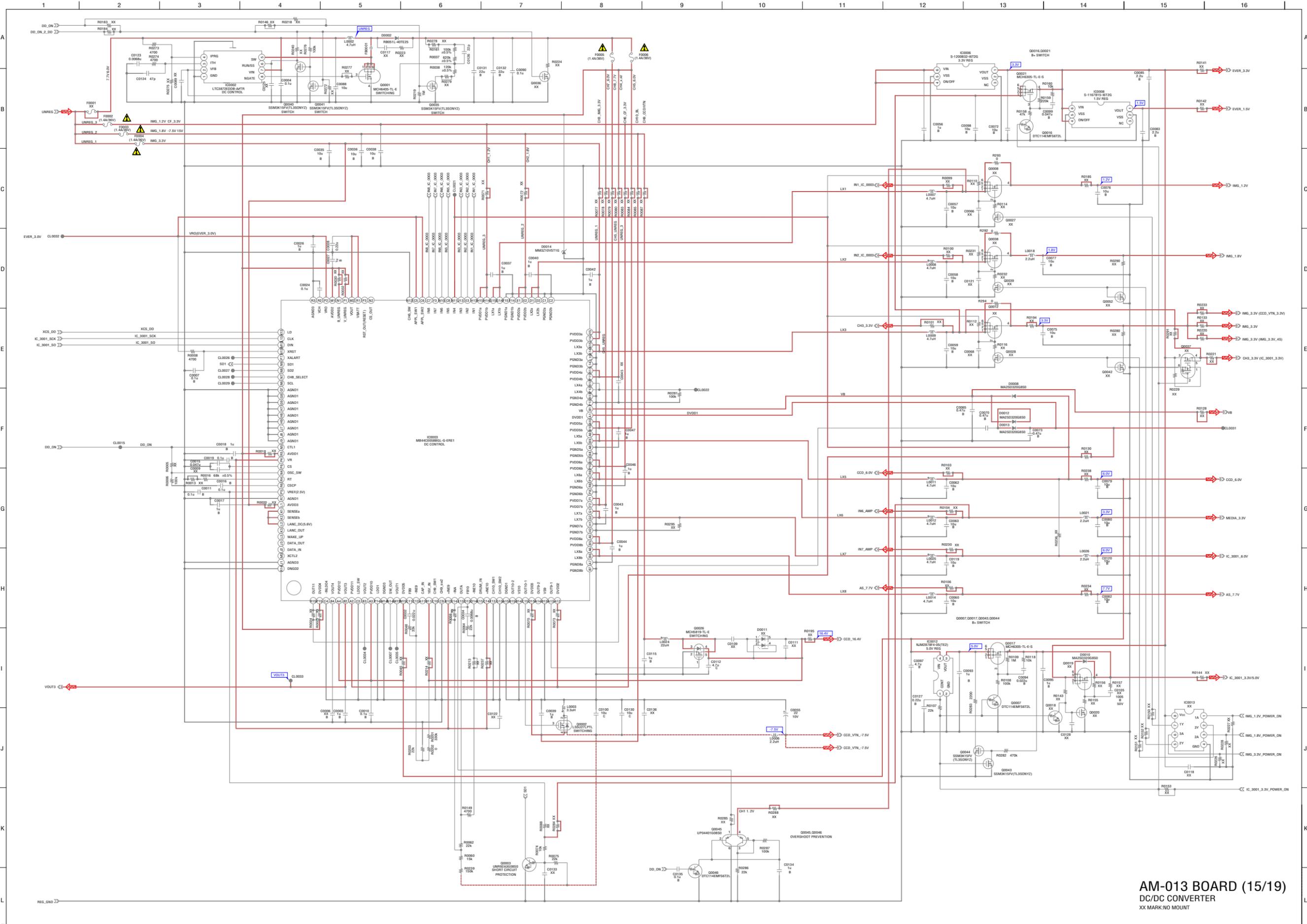


**AM-013 BOARD (13/19)**  
**REGULATOR**  
 XX MARK:NO MOUNT

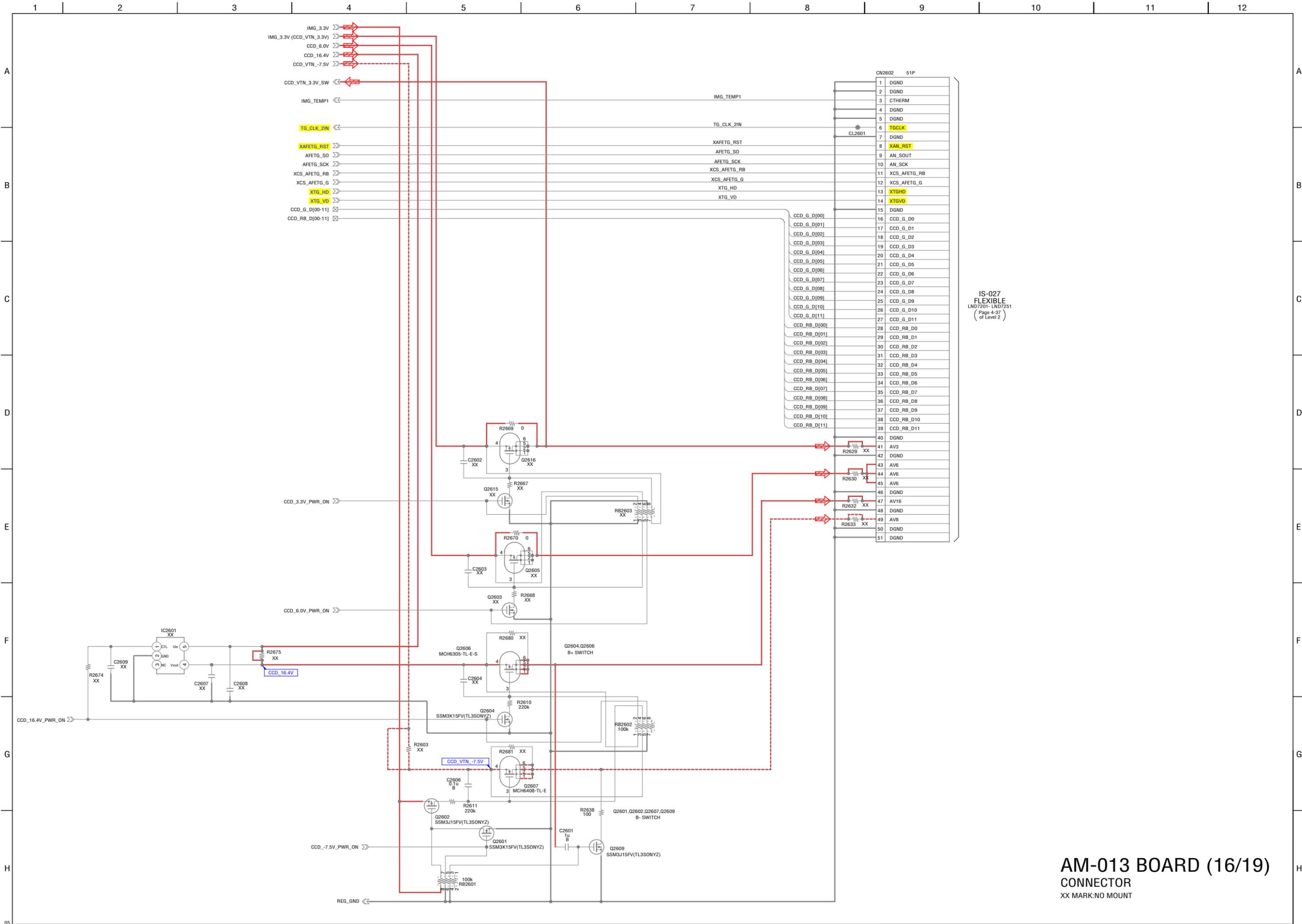


AM-013 BOARD (14/19)  
DC IN  
XX MARK:NO MOUNT

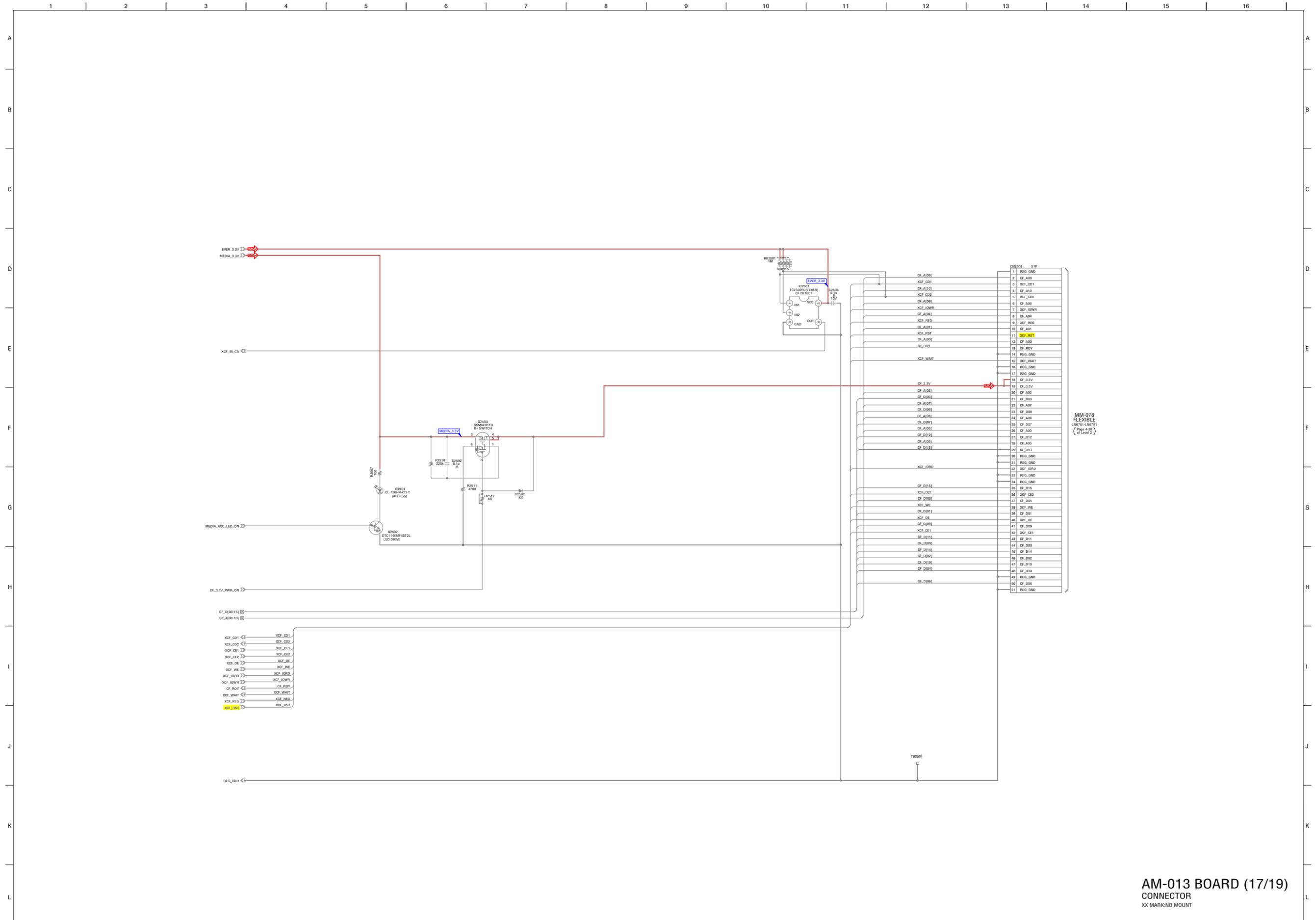
• Refer to page 4-2 for mark Δ.



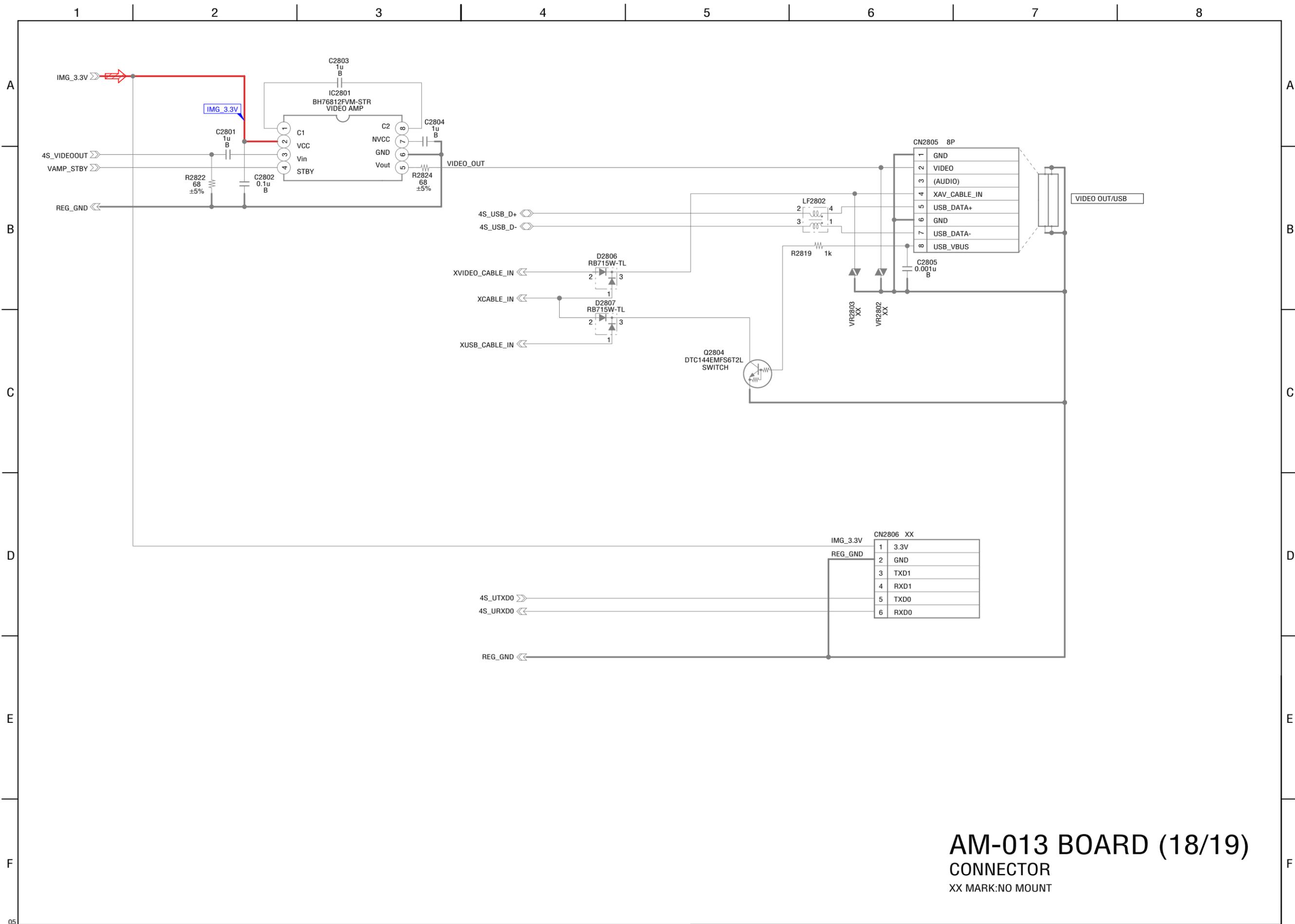
AM-013 BOARD (15/19)  
DC/DC CONVERTER  
XX MARK:NO MOUNT



**AM-013 BOARD (16/19)**  
CONNECTOR  
XX MARK:NO MOUNT



AM-013 BOARD (17/19)  
CONNECTOR  
XX MARK:NO MOUNT



**AM-013 BOARD (18/19)**  
**CONNECTOR**  
 XX MARK:NO MOUNT



## 4-3. PRINTED WIRING BOARDS

### Link

• [AM-013 BOARD \(SIDE A\)](#)

• [AM-013 BOARD \(SIDE B\)](#)

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





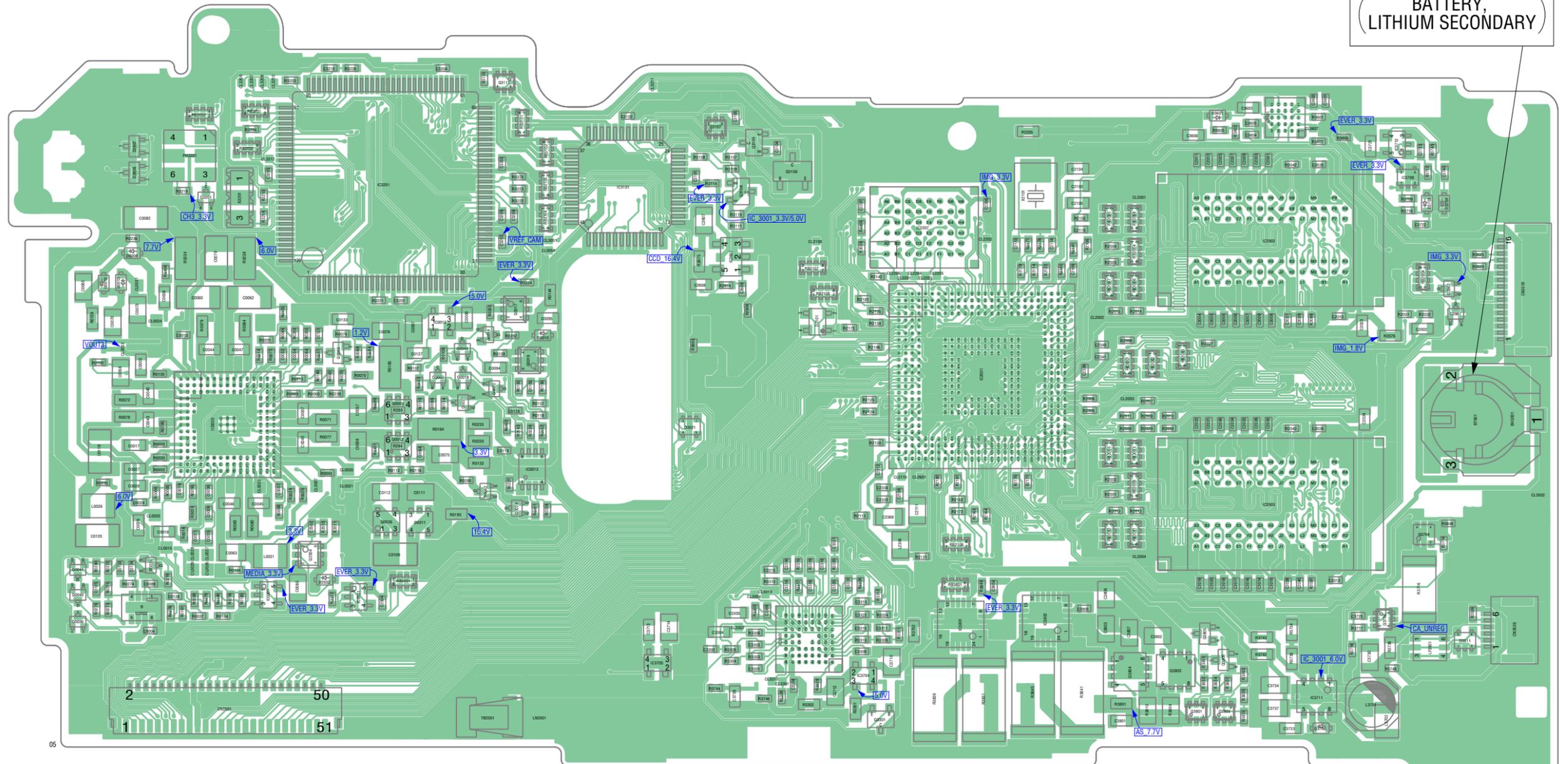
AM-013 (8 layers)

 : Uses unleaded solder.

AM-013 BOARD (SIDE B)

Note: BT901 (lithium battery) is not included in AM-013 complete board.

BT901  
BATTERY,  
LITHIUM SECONDARY



Note: Q0008 and R293 have the same mount location.  
When you replace, since either Q0008 or R293 are used,  
please refer to schematic diagram and electrical parts list.

Note: Q0012 and R294 have the same mount location.  
When you replace, since either Q0012 or R294 are used,  
please refer to schematic diagram and electrical parts list.

Note: L3701 and L3702 have the same mount location.  
When you replace, since either L3701 or L3702 are used,  
please refer to schematic diagram and electrical parts list.

Note: Replace the battery holder (BH3001) together when replacing the lithium battery (BT901) on the AM-013 board. (The battery holder removed once cannot be used again.)  
When mounting these parts, mount new battery holder first and attach new lithium battery next.

Note: AM-013基板のリチウム電池 (BT901) を交換する場合はバッテリーホルダ (BH3001) も同時に新品に交換して下さい。(一度使用したバッテリーホルダは再使用できません。)  
部品取り付けの際は、先にバッテリーホルダを取り付けてからリチウム電池を装着してください。

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

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。

## 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:  $\mu$ F
- COILS  
uH:  $\mu$ H
- RESISTORS  
All resistors are in ohms.  
METAL: metal-film resistor  
METAL OXIDE: Metal Oxide-film resistor  
F: nonflammable
- SEMICONDUCTORS  
In each case, u:  $\mu$ , for example:  
uA...:  $\mu$ A..., uPA...,  $\mu$ PA...,  
uPB...,  $\mu$ PB..., uPC...,  $\mu$ PC...,  
uPD...,  $\mu$ 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.

### (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 $\mu$ Fを示します。
- 抵抗の単位 $\Omega$ 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 $\mu$ Hを示します。
- 半導体の名称でuA..., uPA..., uPB..., uPC..., uPD...等はそれぞれ $\mu$ A...,  $\mu$ PA...,  $\mu$ PB...,  $\mu$ PC...,  $\mu$ 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。

- 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  
TH : Thai model  
TW : Taiwan model

## 5-2. ELECTRICAL PARTS LIST

Ref. No.	Part No.	Description
	A-1519-925-A	AM-013 BOARD, COMPLETE (SERVICE) *****
		(BT901 (lithium battery) is not included in AM-013 complete board. IC2902 and LF0501 are not supplied, but they are included in AM-013 complete board.)
		< BATTERY HOLDER >
△ BH3001	1-756-615-41	HOLDER, BATTERY (Note)
		< BATTERY >
△ BT901	1-756-134-12	BATTERY, STORAGE, LITHIUM (Note)
		< CAPACITOR >
* C0003	1-112-298-91	CERAMIC CHIP 1uF 10% 16V
C0004	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C0007	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C0010	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C0011	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C0015	1-119-923-11	CERAMIC CHIP 0.047uF 10% 10V
C0016	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C0017	1-165-908-11	CERAMIC CHIP 1uF 10% 10V
C0018	1-165-908-11	CERAMIC CHIP 1uF 10% 10V
C0019	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C0024	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C0026	1-165-908-11	CERAMIC CHIP 1uF 10% 10V
C0027	1-165-908-11	CERAMIC CHIP 1uF 10% 10V
C0028	1-127-715-11	CERAMIC CHIP 0.22uF 10% 16V
C0032	1-107-819-11	CERAMIC CHIP 0.022uF 10% 16V
C0034	1-164-942-11	CERAMIC CHIP 0.0068uF 10% 16V
C0035	1-165-875-11	CERAMIC CHIP 10uF 10% 10V
C0036	1-165-875-11	CERAMIC CHIP 10uF 10% 10V
C0037	1-165-908-11	CERAMIC CHIP 1uF 10% 10V
C0038	1-165-875-11	CERAMIC CHIP 10uF 10% 10V
C0039	1-165-908-11	CERAMIC CHIP 1uF 10% 10V
C0040	1-165-908-11	CERAMIC CHIP 1uF 10% 10V
C0042	1-165-908-11	CERAMIC CHIP 1uF 10% 10V
C0043	1-165-908-11	CERAMIC CHIP 1uF 10% 10V
C0044	1-165-908-11	CERAMIC CHIP 1uF 10% 10V
C0046	1-165-908-11	CERAMIC CHIP 1uF 10% 10V
C0047	1-165-908-11	CERAMIC CHIP 1uF 10% 10V
C0055	1-165-897-11	TANTAL. CHIP 22uF 20% 10V
C0056	1-165-908-11	CERAMIC CHIP 1uF 10% 10V
C0057	1-165-989-11	CERAMIC CHIP 10uF 10% 6.3V
C0058	1-165-989-11	CERAMIC CHIP 10uF 10% 6.3V
C0059	1-165-989-11	CERAMIC CHIP 10uF 10% 6.3V
C0060	1-165-875-11	CERAMIC CHIP 10uF 10% 10V
C0062	1-165-875-11	CERAMIC CHIP 10uF 10% 10V
C0063	1-165-989-11	CERAMIC CHIP 10uF 10% 6.3V
C0065	1-107-823-11	CERAMIC CHIP 0.47uF 10% 16V
C0070	1-107-823-11	CERAMIC CHIP 0.47uF 10% 16V
C0072	1-165-989-11	CERAMIC CHIP 10uF 10% 6.3V
C0073	1-107-823-11	CERAMIC CHIP 0.47uF 10% 16V
C0075	1-165-989-11	CERAMIC CHIP 10uF 10% 6.3V
C0076	1-165-989-11	CERAMIC CHIP 10uF 10% 6.3V
C0077	1-165-989-11	CERAMIC CHIP 10uF 10% 6.3V
C0079	1-165-875-11	CERAMIC CHIP 10uF 10% 10V

• Refer to page 5-1 for mark △.

Ref. No.	Part No.	Description
C0080	1-165-989-11	CERAMIC CHIP 10uF 10% 6.3V
C0082	1-165-875-11	CERAMIC CHIP 10uF 10% 10V
C0083	1-165-884-11	CERAMIC CHIP 2.2uF 10% 6.3V
C0085	1-165-884-11	CERAMIC CHIP 2.2uF 10% 6.3V
C0088	1-165-875-11	CERAMIC CHIP 10uF 10% 10V
C0090	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V
C0093	1-165-908-11	CERAMIC CHIP 1uF 10% 10V
C0094	1-164-227-11	CERAMIC CHIP 0.022uF 10% 25V
C0095	1-165-908-11	CERAMIC CHIP 1uF 10% 10V
C0097	1-112-300-91	CERAMIC CHIP 4.7uF 10% 10V
C0098	1-165-989-11	CERAMIC CHIP 10uF 10% 6.3V
C0099	1-165-176-11	CERAMIC CHIP 0.047uF 10% 16V
C0100	1-112-342-91	CERAMIC CHIP 10uF 20% 10V
C0112	1-100-670-11	CERAMIC CHIP 4.7uF 20% 16V
C0115	1-165-908-11	CERAMIC CHIP 1uF 10% 10V
C0119	1-165-875-11	CERAMIC CHIP 10uF 10% 10V
C0120	1-165-875-11	CERAMIC CHIP 10uF 10% 10V
C0123	1-164-942-11	CERAMIC CHIP 0.0068uF 10% 16V
C0124	1-164-866-11	CERAMIC CHIP 47PF 5% 50V
C0126	1-164-858-11	CERAMIC CHIP 22PF 5% 50V
C0127	1-127-715-11	CERAMIC CHIP 0.22uF 10% 16V
C0130	1-112-342-91	CERAMIC CHIP 10uF 20% 10V
C0131	1-100-055-21	CERAMIC CHIP 22uF 20% 16V
C0132	1-100-055-21	CERAMIC CHIP 22uF 20% 16V
C0134	1-165-908-11	CERAMIC CHIP 1uF 10% 10V
C0135	1-100-566-91	CERAMIC CHIP 0.1uF 10% 25V
C0503	1-164-937-11	CERAMIC CHIP 0.001uF 10% 50V
C0505	1-165-908-11	CERAMIC CHIP 1uF 10% 10V
C0511	1-164-943-81	CERAMIC CHIP 0.01uF 10% 16V
C0512	1-164-937-11	CERAMIC CHIP 0.001uF 10% 50V
C0600	1-165-989-11	CERAMIC CHIP 10uF 10% 6.3V
C2002	1-165-908-11	CERAMIC CHIP 1uF 10% 10V
C2004	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C2006	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C2008	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C2010	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C2011	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C2013	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C2015	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C2017	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C2019	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C2022	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V

## CAUTION

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

## 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。

Note: Replace the battery holder (BH3001) together when replacing the lithium battery (BT901) on the AM-013 board. (The battery holder removed once cannot be used again.)  
When mounting these parts, mount new battery holder first and attach new lithium battery next.

Note: AM-013基板のリチウム電池 (BT901) を交換する場合はバッテリーホルダ (BH3001) も同時に新品に交換して下さい。(一度使用したバッテリーホルダは再使用できません。)  
部品取り付けの際は、先にバッテリーホルダを取り付けてからリチウム電池を装着してください。

Ref. No.	Part No.	Description			
C2023	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C2024	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C2026	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C2027	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C2030	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C2031	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C2034	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C2035	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C2037	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C2038	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C2103	1-162-977-11	CERAMIC CHIP	0.0018uF	10%	50V
C2104	1-162-977-11	CERAMIC CHIP	0.0018uF	10%	50V
C2105	1-162-977-11	CERAMIC CHIP	0.0018uF	10%	50V
C2106	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C2112	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C2113	1-164-847-11	CERAMIC CHIP	7PF	0.5PF	50V
C2114	1-164-847-11	CERAMIC CHIP	7PF	0.5PF	50V
C2206	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C2301	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C2303	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C2304	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C2305	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C2307	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C2308	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C2310	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C2312	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C2330	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C2331	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V
C2332	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C2333	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C2334	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C2335	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C2336	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C2337	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C2339	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C2340	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C2341	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C2342	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C2343	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C2347	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C2358	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C2359	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C2361	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C2364	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C2366	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C2368	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C2369	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V
* C2370	1-112-746-11	CERAMIC CHIP	4.7uF	10%	6.3V
* C2371	1-112-746-11	CERAMIC CHIP	4.7uF	10%	6.3V
C2502	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C2504	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C2601	1-100-591-91	CERAMIC CHIP	1uF	10%	25V
C2606	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C2801	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C2802	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C2803	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C2804	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C2805	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V

Ref. No.	Part No.	Description			
C2901	1-100-591-91	CERAMIC CHIP	1uF	10%	25V
C2902	1-115-339-11	CERAMIC CHIP	0.1uF	10%	50V
C2903	1-100-670-11	CERAMIC CHIP	4.7uF	20%	16V
C2904	1-100-505-11	CERAMIC CHIP	0.1uF	20%	16V
C2905	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2906	1-100-670-11	CERAMIC CHIP	4.7uF	20%	16V
C2907	1-104-913-11	TANTAL. CHIP	10uF	20%	16V
C2908	1-135-259-11	TANTAL. CHIP	10uF	20%	6.3V
C2910	1-110-569-11	TANTAL. CHIP	47uF	20%	6.3V
C2911	1-164-943-81	CERAMIC CHIP	0.01uF	10%	16V
C2912	1-164-943-81	CERAMIC CHIP	0.01uF	10%	16V
* C2913	1-112-692-11	CERAMIC CHIP	1000PF	5%	50V
C2914	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C2915	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C2916	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C2918	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C2919	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C2920	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C2921	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C2922	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C2923	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C2924	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C2925	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
* C2926	1-112-298-91	CERAMIC CHIP	1uF	10%	16V
C2927	1-100-743-91	CERAMIC CHIP	2.2uF	20%	16V
C2928	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C2930	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3001	1-164-943-81	CERAMIC CHIP	0.01uF	10%	16V
C3002	1-164-943-81	CERAMIC CHIP	0.01uF	10%	16V
C3003	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3004	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3005	1-164-866-11	CERAMIC CHIP	47PF	5%	50V
C3006	1-164-866-11	CERAMIC CHIP	47PF	5%	50V
C3007	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3008	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3009	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3010	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3011	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3012	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3013	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3014	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3015	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3019	1-164-852-11	CERAMIC CHIP	12PF	5%	50V
C3020	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3021	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3023	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V
C3024	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V
C3025	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V
C3026	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V
C3027	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V
C3028	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V
C3101	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3102	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3104	1-100-581-81	CERAMIC CHIP	0.0047uF	10%	50V
C3201	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3202	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3204	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V

Ref. No.	Part No.	Description			
C3205	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3206	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C3207	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C3301	1-164-941-11	CERAMIC CHIP	0.0047uF	10%	16V
C3302	1-164-943-81	CERAMIC CHIP	0.01uF	10%	16V
C3303	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C3304	1-125-891-11	CERAMIC CHIP	0.47uF	10%	10V
C3305	1-125-891-11	CERAMIC CHIP	0.47uF	10%	10V
C3306	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3308	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3309	1-164-941-11	CERAMIC CHIP	0.0047uF	10%	16V
C3310	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C3311	1-164-943-81	CERAMIC CHIP	0.01uF	10%	16V
C3312	1-127-988-81	CERAMIC CHIP	0.015uF	10%	16V
C3313	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3314	1-164-938-11	CERAMIC CHIP	0.0015uF	10%	50V
C3315	1-165-887-91	CERAMIC CHIP	0.22uF	10%	6.3V
C3316	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C3318	1-127-988-81	CERAMIC CHIP	0.015uF	10%	16V
C3319	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3320	1-164-938-11	CERAMIC CHIP	0.0015uF	10%	50V
C3321	1-165-887-91	CERAMIC CHIP	0.22uF	10%	6.3V
C3322	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C3401	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3403	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3405	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3407	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C3408	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C3602	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3603	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C3604	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3701	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
* C3702	1-112-746-11	CERAMIC CHIP	4.7uF	10%	6.3V
C3703	1-100-611-91	CERAMIC CHIP	22uF	20%	6.3V
* C3704	1-112-746-11	CERAMIC CHIP	4.7uF	10%	6.3V
C3707	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C3709	1-100-415-91	CERAMIC CHIP	0.47uF	10%	6.3V
C3710	1-112-342-91	CERAMIC CHIP	10uF	20%	10V
C3712	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V
C3721	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C3722	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V
C3729	1-164-933-11	CERAMIC CHIP	220PF	10%	50V
C3730	1-112-300-91	CERAMIC CHIP	4.7uF	10%	10V
C3733	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C3734	1-100-591-91	CERAMIC CHIP	1uF	10%	25V
C3735	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3736	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C3737	1-100-591-91	CERAMIC CHIP	1uF	10%	25V
C3738	1-100-611-91	CERAMIC CHIP	22uF	20%	6.3V
C3739	1-100-660-91	CERAMIC CHIP	1uF	10%	10V
C3740	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V
C3802	1-112-342-91	CERAMIC CHIP	10uF	20%	10V
C3803	1-112-342-91	CERAMIC CHIP	10uF	20%	10V
C3804	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C3806	1-112-342-91	CERAMIC CHIP	10uF	20%	10V
C3807	1-112-342-91	CERAMIC CHIP	10uF	20%	10V

Ref. No.	Part No.	Description			
< CONNECTOR >					
CN0501	1-580-056-21	PIN, CONNECTOR (SMD) 3P			
CN0503	1-580-056-21	PIN, CONNECTOR (SMD) 3P			
* CN2501	1-820-857-71	CONNECTOR, FPC (ZIF) 51P			
* CN2602	1-819-860-51	CONNECTOR, FPC (ZIF) 51P			
* CN2805	1-820-333-11	MULTI CONNECTOR (REC) 8P			(VIDEO OUT/USB)
* CN2901	1-819-659-71	CONNECTOR, FPC (ZIF) 23P			
* CN3503	1-816-654-51	FFC/FPC CONNECTOR (LIF) 6P			
* CN3504	1-820-332-11	HOUSING, CONNECTOR 2P			
* CN3505	1-820-332-11	HOUSING, CONNECTOR 2P			
* CN3510	1-816-647-51	FFC/FPC CONNECTOR (LIF) 18P			
* CN3511	1-816-645-51	FFC/FPC CONNECTOR (LIF) 14P			
* CN3514	1-816-646-51	FFC/FPC CONNECTOR (LIF) 16P			
* CN3515	1-816-643-51	FFC/FPC CONNECTOR (LIF) 10P			
* CN3516	1-817-830-71	CONNECTOR, FPC (ZIF) 33P			
* CN3517	1-820-857-71	CONNECTOR, FPC (ZIF) 51P			
* CN3520	1-816-649-51	FFC/FPC CONNECTOR (LIF) 22P			
* CN3521	1-816-654-51	FFC/FPC CONNECTOR (LIF) 6P			
* CN3524	1-818-818-71	CONNECTOR, FPC (ZIF) 29P			
* CN3526	1-816-654-51	FFC/FPC CONNECTOR (LIF) 6P			
* CN3528	1-816-644-51	FFC/FPC CONNECTOR (LIF) 12P			
* CN3529	1-819-659-71	CONNECTOR, FPC (ZIF) 23P			
* CN3530	1-816-655-51	FFC/FPC CONNECTOR (LIF) 8P			
< DIODE >					
D0002	8-719-066-98	DIODE RB051L-40TE25			
D0008	6-500-813-01	DIODE MA2SD32008S0			
D0010	6-500-813-01	DIODE MA2SD32008S0			
D0012	6-500-813-01	DIODE MA2SD32008S0			
D0013	6-500-813-01	DIODE MA2SD32008S0			
* D0014	6-502-221-01	DIODE MM3Z10VST1G			
* D0504	6-501-961-01	DIODE MAZS120G08S0			
D0505	6-500-813-01	DIODE MA2SD32008S0			
D0506	6-500-813-01	DIODE MA2SD32008S0			
D0511	6-500-813-01	DIODE MA2SD32008S0			
D0512	6-500-813-01	DIODE MA2SD32008S0			
D2101	8-719-074-08	DIODE MA4ZD03001S0			
D2501	8-719-077-09	DIODE CL-196HR-CD-T (ACCESS)			
D2806	8-719-082-45	DIODE RB715W-TL			
D2807	8-719-082-45	DIODE RB715W-TL			
* D2901	6-501-947-01	DIODE MA2S1110G8S0			
D3002	6-500-813-01	DIODE MA2SD32008S0			
D3003	6-500-813-01	DIODE MA2SD32008S0			
D3101	6-500-813-01	DIODE MA2SD32008S0			
D3401	8-719-083-85	DIODE UDZSNPTE-1722B			
D3402	8-719-083-85	DIODE UDZSNPTE-1722B			
D3504	8-719-084-17	DIODE EMZ6.8ET2R			
D3506	8-719-074-08	DIODE MA4ZD03001S0			
* D3507	6-502-135-01	DIODE CMG03 (T2L, SONY, Q)			
* D3508	6-502-135-01	DIODE CMG03 (T2L, SONY, Q)			
* D3509	6-502-135-01	DIODE CMG03 (T2L, SONY, Q)			
D3510	6-500-813-01	DIODE MA2SD32008S0			
D3511	8-719-084-17	DIODE EMZ6.8ET2R			
D3512	6-500-115-01	DIODE RB731XN			
D3513	6-500-115-01	DIODE RB731XN			
D3514	6-500-115-01	DIODE RB731XN			

Ref. No.	Part No.	Description
D3515	6-500-813-01	DIODE MA2SD32008S0
D3516	8-719-084-17	DIODE EMZ6.8ET2R
D3517	8-719-084-17	DIODE EMZ6.8ET2R
D3518	8-719-084-17	DIODE EMZ6.8ET2R
D3519	8-719-084-17	DIODE EMZ6.8ET2R
D3520	8-719-084-17	DIODE EMZ6.8ET2R
D3521	8-719-084-17	DIODE EMZ6.8ET2R
D3522	8-719-082-92	DIODE DF5A8.2JE (TPLR3)
D3523	8-719-084-17	DIODE EMZ6.8ET2R
D3524	8-719-081-73	DIODE DF3A6.8FE (TPL3)
D3701	6-500-813-01	DIODE MA2SD32008S0
* D3702	6-501-947-01	DIODE MA2S1110G8S0
D3706	6-500-813-01	DIODE MA2SD32008S0
* D3707	6-501-947-01	DIODE MA2S1110G8S0
D3708	6-500-813-01	DIODE MA2SD32008S0
< FUSE >		
△ F0002	1-576-406-11	FUSE (1.4A/32V)
△ F0003	1-576-406-11	FUSE (1.4A/32V)
△ F0004	1-576-406-11	FUSE (1.4A/32V)
△ F0005	1-576-406-11	FUSE (1.4A/32V)
△ F0006	1-576-406-11	FUSE (1.4A/32V)
△* F0501	1-576-874-11	FUSE (2.5A/32V)
△* F0502	1-576-874-11	FUSE (2.5A/32V)
△ F0503	1-576-406-11	FUSE (1.4A/32V)
△ F3401	1-576-406-11	FUSE (1.4A/32V)
△ F3402	1-576-406-11	FUSE (1.4A/32V)
△ F3403	1-576-406-11	FUSE (1.4A/32V)
< FERRITE BEAD >		
FB0001	1-400-177-21	INDUCTOR, EMI FERRITE (1608)
FB2119	1-400-832-21	SMD EMI FERRITE
FB2126	1-400-832-21	SMD EMI FERRITE
FB2127	1-400-832-21	SMD EMI FERRITE
FB2128	1-400-832-21	SMD EMI FERRITE
FB2129	1-400-832-21	SMD EMI FERRITE
FB2130	1-400-832-21	SMD EMI FERRITE
FB2131	1-400-832-21	SMD EMI FERRITE
FB2132	1-400-832-21	SMD EMI FERRITE
FB2133	1-400-832-21	SMD EMI FERRITE
FB2901	1-469-082-21	INDUCTOR, FERRITE BEAD (1005)
FB2902	1-469-082-21	INDUCTOR, FERRITE BEAD (1005)
FB2903	1-469-082-21	INDUCTOR, FERRITE BEAD (1005)
FB2904	1-469-082-21	INDUCTOR, FERRITE BEAD (1005)
FB2905	1-400-620-21	INDUCTOR, FERRITE BEAD (1005)
< IC >		
* IC0002	6-712-193-01	IC LTC3872EDDB-A#TR
* IC0003	6-710-636-01	IC MB44C005BBGL-G-ERE1
* IC0006	6-711-562-01	IC S-1200B32-16T2G
IC0008	6-711-149-01	IC S-1167B15-16T2G
* IC0012	6-711-661-01	IC NJM2878F4-05 (TE2)
IC0502	6-702-523-01	IC NJM12902SC3 (TE2)
IC0507	8-759-649-46	IC SN74AHC1G08DCKR
* IC2001	6-711-636-01	IC MA07170
* IC2002	6-711-672-01	IC HYB18TC512160BF-3.7
* IC2003	6-711-672-01	IC HYB18TC512160BF-3.7

Ref. No.	Part No.	Description
* IC2207	6-808-043-01	IC S29PL032J60BF1120E-001
IC2501	8-759-058-64	IC TC7S32FU (TE85R)
IC2801	6-707-834-01	IC BH76812FVM-STR
* IC2901	6-711-079-01	IC R2J45015AHBGW0
IC2902	(Not supplied)	IC NJM2831F15 (TE1) (IC2902 is supplied including in AM-013 complete board.)
* IC3001	6-808-133-01	IC 19A43FZXBG-0106 (EL)
* IC3002	6-709-666-01	IC S-35190A-T8T1G
IC3003	6-805-607-01	IC AK6508CU-L
* IC3101	6-709-676-01	IC M50222FP
* IC3201	6-808-096-01	IC MB91F233LAPMC-G-07-ERE1
* IC3301	6-711-675-01	IC uPC5703F1-035-AN4-E2-A
* IC3401	6-709-661-01	IC TB6593FNG
* IC3402	6-709-658-01	IC LB8632V-TLM-E
* IC3403	6-709-658-01	IC LB8632V-TLM-E
* IC3404	6-709-663-01	IC XC6201P552PR
* IC3601	6-807-572-01	IC uPD79F0043FC-402-2N1-E2-A
* IC3701	6-709-668-01	IC S-812C45BPI-C4ZTFG
* IC3702	6-709-667-01	IC S-812C33BPI-C4NTFG
* IC3703	6-708-464-01	IC R1114Q251D-TR-FA
* IC3704	6-711-661-01	IC NJM2878F4-05 (TE2)
IC3709	6-704-433-01	IC BD4830FVE
* IC3711	6-711-528-01	IC TK11880FTL
IC3712	8-759-649-46	IC SN74AHC1G08DCKR
* IC3713	6-709-786-01	IC BD4837FVE-TR
* IC3801	6-711-677-01	IC LV8019LP-TLM-E
* IC3802	6-711-677-01	IC LV8019LP-TLM-E
< COIL >		
* L0002	1-457-522-21	INDUCTOR 4.7uH
* L0003	1-457-598-11	INDUCTOR 3.3uH
* L0006	1-400-820-11	INDUCTOR 2.2uH
* L0007	1-457-522-21	INDUCTOR 4.7uH
L0008	1-456-135-11	INDUCTOR 4.7uH
* L0009	1-457-522-21	INDUCTOR 4.7uH
L0011	1-456-135-11	INDUCTOR 4.7uH
L0012	1-456-135-11	INDUCTOR 4.7uH
* L0014	1-457-522-21	INDUCTOR 4.7uH
* L0018	1-400-820-11	INDUCTOR 2.2uH
* L0021	1-400-820-11	INDUCTOR 2.2uH
L0024	1-456-137-11	INDUCTOR 22uH
L0025	1-456-135-11	INDUCTOR 4.7uH
* L0026	1-400-820-11	INDUCTOR 2.2uH
* L2301	1-400-411-21	INDUCTOR 4.7uH
* L2302	1-400-411-21	INDUCTOR 4.7uH
* L2303	1-400-411-21	INDUCTOR 4.7uH
* L2304	1-400-411-21	INDUCTOR 4.7uH
* L2305	1-400-411-21	INDUCTOR 4.7uH
L2901	1-400-675-11	INDUCTOR 10uH
L2902	1-400-675-11	INDUCTOR 10uH
L2903	1-400-675-11	INDUCTOR 10uH
L2904	1-400-678-11	INDUCTOR 100uH
L3701	1-456-500-11	INDUCTOR 10uH
< LINE FILTER >		
LF0501	(Not supplied)	COMMON MODE CHOKE COIL (LF0501 is supplied including in AM-013 complete board.)
LF2802	1-457-223-11	COMMON MODE CHOKE COIL

• Refer to page 5-1 for mark △.

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description			
		< SENSOR >						
* PH3201	1-480-391-21	SLANT SENSOR (HORIZONTAL/VERTICAL POSITION DETECT)	Q3714	6-550-714-01	TRANSISTOR	SCH1406-TL-E		
		< TRANSISTOR >	* Q3801	6-551-846-01	TRANSISTOR	UP04401G08S0		
			Q3802	6-551-329-01	TRANSISTOR	TPCP8601 (TE85L.F)		
			* Q3803	6-551-846-01	TRANSISTOR	UP04401G08S0		
			Q3804	6-551-329-01	TRANSISTOR	TPCP8601 (TE85L.F)		
			Q3805	8-729-929-09	TRANSISTOR	DTC123JE-TL		
					< RESISTOR >			
* Q0001	6-551-832-01	TRANSISTOR	R0006	1-218-977-11	RES-CHIP	100K	5%	1/16W
Q0002	6-550-405-01	TRANSISTOR	R0008	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
* Q0003	6-551-796-01	TRANSISTOR	R0016	1-208-931-11	METAL CHIP	68K	0.5%	1/16W
Q0007	6-550-242-01	TRANSISTOR	R0037	1-208-954-81	METAL CHIP	620K	0.5%	1/16W
Q0016	6-550-242-01	TRANSISTOR	R0038	1-218-978-11	RES-CHIP	120K	5%	1/16W
Q0017	6-551-184-01	TRANSISTOR	R0048	1-208-923-11	METAL CHIP	33K	0.5%	1/16W
Q0021	6-551-184-01	TRANSISTOR	R0060	1-208-711-11	METAL CHIP	15K	0.5%	1/16W
Q0026	6-550-533-01	TRANSISTOR	R0062	1-208-715-11	METAL CHIP	22K	0.5%	1/16W
Q0035	6-550-789-01	TRANSISTOR	R0064	1-208-715-11	METAL CHIP	22K	0.5%	1/16W
Q0040	6-550-789-01	TRANSISTOR	R0074	1-208-911-11	METAL CHIP	10K	0.5%	1/16W
Q0041	6-550-789-01	TRANSISTOR	R0075	1-208-715-11	METAL CHIP	22K	0.5%	1/16W
Q0043	6-550-789-01	TRANSISTOR	R0107	1-218-969-11	RES-CHIP	22K	5%	1/16W
Q0044	6-550-789-01	TRANSISTOR	R0108	1-218-977-11	RES-CHIP	100K	5%	1/16W
* Q0045	6-551-846-01	TRANSISTOR	R0109	1-218-989-11	RES-CHIP	1M	5%	1/16W
Q0046	6-550-242-01	TRANSISTOR	R0118	1-218-965-11	RES-CHIP	10K	5%	1/16W
* Q0502	6-551-831-01	TRANSISTOR	R0149	1-208-699-11	METAL CHIP	4.7K	0.5%	1/16W
Q0503	6-550-789-01	TRANSISTOR	R0158	1-218-973-11	RES-CHIP	47K	5%	1/16W
* Q0505	6-551-831-01	TRANSISTOR	R0159	1-218-981-91	RES-CHIP	220K	5%	1/16W
Q0507	6-550-239-01	TRANSISTOR	R0160	1-218-965-11	RES-CHIP	10K	5%	1/16W
Q2502	6-550-242-01	TRANSISTOR	R0161	1-208-935-11	METAL CHIP	100K	0.5%	1/16W
Q2504	6-550-576-01	TRANSISTOR	R0201	1-208-947-11	METAL CHIP	330K	0.5%	1/16W
Q2601	6-550-789-01	TRANSISTOR	R0202	1-218-990-81	SHORT CHIP	0		
Q2602	6-550-791-01	TRANSISTOR	R0203	1-208-715-11	METAL CHIP	22K	0.5%	1/16W
Q2604	6-550-789-01	TRANSISTOR	R0219	1-218-989-11	RES-CHIP	1M	5%	1/16W
Q2606	6-551-184-01	TRANSISTOR	R0239	1-208-939-11	METAL CHIP	150K	0.5%	1/16W
* Q2607	6-551-833-01	TRANSISTOR	R0273	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
Q2609	6-550-791-01	TRANSISTOR	R0274	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
Q2804	6-550-119-01	TRANSISTOR	R0276	1-218-977-11	RES-CHIP	100K	5%	1/16W
Q2961	6-550-789-01	TRANSISTOR	R0281	1-208-935-11	METAL CHIP	100K	0.5%	1/16W
Q2962	6-550-791-01	TRANSISTOR	R0282	1-218-985-11	RES-CHIP	470K	5%	1/16W
Q2967	6-550-714-01	TRANSISTOR	R0283	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
Q2968	6-550-791-01	TRANSISTOR	R0286	1-218-969-11	RES-CHIP	22K	5%	1/16W
Q3001	6-550-791-01	TRANSISTOR	R0287	1-218-977-11	RES-CHIP	100K	5%	1/16W
Q3101	6-550-242-01	TRANSISTOR	R292	1-218-990-81	SHORT CHIP	0		
* Q3102	6-551-525-01	TRANSISTOR	R293	1-218-990-81	SHORT CHIP	0		
* Q3105	8-729-905-37	TRANSISTOR	R294	1-218-990-81	SHORT CHIP	0		
Q3106	8-729-904-66	TRANSISTOR	R0533	1-218-953-11	RES-CHIP	1K	5%	1/16W
Q3107	6-550-807-01	TRANSISTOR	R0538	1-218-985-11	RES-CHIP	470K	5%	1/16W
Q3108	8-729-922-10	TRANSISTOR	R0539	1-218-989-11	RES-CHIP	1M	5%	1/16W
Q3109	6-550-242-01	TRANSISTOR	R0540	1-218-985-11	RES-CHIP	470K	5%	1/16W
* Q3111	6-550-011-01	TRANSISTOR	R0548	1-208-699-11	METAL CHIP	4.7K	0.5%	1/16W
Q3201	6-550-242-01	TRANSISTOR	R0549	1-208-889-11	METAL CHIP	1.2K	0.5%	1/16W
Q3301	8-729-140-63	TRANSISTOR	R0550	1-208-923-11	METAL CHIP	33K	0.5%	1/16W
Q3401	8-729-922-10	TRANSISTOR	R0551	1-208-911-11	METAL CHIP	10K	0.5%	1/16W
Q3402	8-729-922-10	TRANSISTOR	R0552	1-208-923-11	METAL CHIP	33K	0.5%	1/16W
Q3403	6-550-242-01	TRANSISTOR	R0553	1-208-923-11	METAL CHIP	33K	0.5%	1/16W
Q3404	6-550-014-01	TRANSISTOR	R0554	1-208-675-11	METAL CHIP	470	0.5%	1/16W
Q3511	6-550-242-01	TRANSISTOR	R0555	1-208-931-11	METAL CHIP	68K	0.5%	1/16W
Q3512	6-551-184-01	TRANSISTOR	R0556	1-208-893-11	METAL CHIP	1.8K	0.5%	1/16W
* Q3706	6-551-852-01	TRANSISTOR	R0557	1-208-695-11	METAL CHIP	3.3K	0.5%	1/16W
* Q3712	6-551-526-01	TRANSISTOR						

Ref. No.	Part No.	Description				Ref. No.	Part No.	Description			
R0558	1-208-931-11	METAL CHIP	68K	0.5%	1/16W	R3019	1-218-965-11	RES-CHIP	10K	5%	1/16W
R0559	1-208-703-11	METAL CHIP	6.8K	0.5%	1/16W	R3023	1-218-990-81	SHORT CHIP	0		
R0578	1-208-923-11	METAL CHIP	33K	0.5%	1/16W	R3024	1-218-965-11	RES-CHIP	10K	5%	1/16W
R0581	1-218-958-11	RES-CHIP	2.7K	5%	1/16W	R3029	1-218-977-11	RES-CHIP	100K	5%	1/16W
R0584	1-218-970-11	RES-CHIP	27K	5%	1/16W	R3030	1-218-985-11	RES-CHIP	470K	5%	1/16W
R0590	1-218-953-11	RES-CHIP	1K	5%	1/16W	R3031	1-218-977-11	RES-CHIP	100K	5%	1/16W
R0591	1-208-911-11	METAL CHIP	10K	0.5%	1/16W	R3035	1-218-989-11	RES-CHIP	1M	5%	1/16W
R0592	1-218-990-81	SHORT CHIP	0			R3037	1-218-953-11	RES-CHIP	1K	5%	1/16W
R2031	1-208-683-11	METAL CHIP	1K	0.5%	1/16W	R3046	1-218-953-11	RES-CHIP	1K	5%	1/16W
R2032	1-208-683-11	METAL CHIP	1K	0.5%	1/16W	R3107	1-218-949-11	RES-CHIP	470	5%	1/16W
R2042	1-208-871-81	METAL CHIP	220	0.5%	1/16W	R3108	1-218-962-11	RES-CHIP	5.6K	5%	1/16W
R2043	1-208-871-81	METAL CHIP	220	0.5%	1/16W	R3109	1-218-969-11	RES-CHIP	22K	5%	1/16W
R2097	1-208-911-11	METAL CHIP	10K	0.5%	1/16W	R3110	1-208-671-11	METAL CHIP	330	0.5%	1/16W
R2098	1-208-911-11	METAL CHIP	10K	0.5%	1/16W	R3111	1-218-977-11	RES-CHIP	100K	5%	1/16W
R2106	1-218-965-11	RES-CHIP	10K	5%	1/16W	R3112	1-218-969-11	RES-CHIP	22K	5%	1/16W
R2111	1-218-989-11	RES-CHIP	1M	5%	1/16W	R3113	1-218-937-11	RES-CHIP	47	5%	1/16W
R2113	1-218-965-11	RES-CHIP	10K	5%	1/16W	R3201	1-218-989-11	RES-CHIP	1M	5%	1/16W
R2114	1-208-695-11	METAL CHIP	3.3K	0.5%	1/16W	R3203	1-218-977-11	RES-CHIP	100K	5%	1/16W
R2118	1-218-941-81	RES-CHIP	100	5%	1/16W	R3213	1-218-951-11	RES-CHIP	680	5%	1/16W
R2120	1-208-703-11	METAL CHIP	6.8K	0.5%	1/16W	R3214	1-218-989-11	RES-CHIP	1M	5%	1/16W
R2121	1-218-977-11	RES-CHIP	100K	5%	1/16W	R3215	1-218-953-11	RES-CHIP	1K	5%	1/16W
R2122	1-218-941-11	RES-CHIP	100	5%	1/16W	R3216	1-218-953-11	RES-CHIP	1K	5%	1/16W
R2124	1-218-990-81	SHORT CHIP	0			R3219	1-218-945-11	RES-CHIP	220	5%	1/16W
R2125	1-218-990-81	SHORT CHIP	0			R3222	1-208-699-11	METAL CHIP	4.7K	0.5%	1/16W
R2142	1-218-965-11	RES-CHIP	10K	5%	1/16W	R3225	1-218-990-81	SHORT CHIP	0		
R2152	1-218-965-11	RES-CHIP	10K	5%	1/16W	R3226	1-218-990-81	SHORT CHIP	0		
R2172	1-208-911-11	METAL CHIP	10K	0.5%	1/16W	R3303	1-208-918-11	METAL CHIP	20K	0.5%	1/16W
R2173	1-208-911-11	METAL CHIP	10K	0.5%	1/16W	R3304	1-208-918-11	METAL CHIP	20K	0.5%	1/16W
R2179	1-218-989-11	RES-CHIP	1M	5%	1/16W	R3305	1-208-683-11	METAL CHIP	1K	0.5%	1/16W
R2196	1-218-977-11	RES-CHIP	100K	5%	1/16W	R3306	1-208-683-11	METAL CHIP	1K	0.5%	1/16W
R2507	1-218-941-81	RES-CHIP	100	5%	1/16W	R3309	1-208-918-11	METAL CHIP	20K	0.5%	1/16W
R2510	1-218-981-91	RES-CHIP	220K	5%	1/16W	R3310	1-208-918-11	METAL CHIP	20K	0.5%	1/16W
R2511	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	R3311	1-208-683-11	METAL CHIP	1K	0.5%	1/16W
R2610	1-218-981-91	RES-CHIP	220K	5%	1/16W	R3312	1-208-691-11	METAL CHIP	2.2K	0.5%	1/16W
R2611	1-218-981-91	RES-CHIP	220K	5%	1/16W	R3313	1-208-695-11	METAL CHIP	3.3K	0.5%	1/16W
R2638	1-218-941-81	RES-CHIP	100	5%	1/16W	R3315	1-208-691-11	METAL CHIP	2.2K	0.5%	1/16W
R2669	1-216-864-11	SHORT CHIP	0			R3319	1-208-691-11	METAL CHIP	2.2K	0.5%	1/16W
R2670	1-216-864-11	SHORT CHIP	0			R3320	1-208-695-11	METAL CHIP	3.3K	0.5%	1/16W
R2819	1-218-953-11	RES-CHIP	1K	5%	1/16W	R3324	1-208-691-11	METAL CHIP	2.2K	0.5%	1/16W
R2822	1-218-939-11	RES-CHIP	68	5%	1/16W	R3531	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R2824	1-218-939-11	RES-CHIP	68	5%	1/16W	R3534	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2911	1-218-990-81	SHORT CHIP	0			R3535	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2912	1-218-990-81	SHORT CHIP	0			R3536	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2913	1-218-990-81	SHORT CHIP	0			R3601	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2914	1-218-990-81	SHORT CHIP	0			R3607	1-218-990-81	SHORT CHIP	0		
R2916	1-218-929-11	RES-CHIP	10	5%	1/16W	R3701	1-218-929-11	RES-CHIP	10	5%	1/16W
R2920	1-218-977-11	RES-CHIP	100K	5%	1/16W	R3710	1-218-977-11	RES-CHIP	100K	5%	1/16W
R2921	1-218-989-11	RES-CHIP	1M	5%	1/16W	R3712	1-218-989-11	RES-CHIP	1M	5%	1/16W
R2923	1-218-971-11	RES-CHIP	33K	5%	1/16W	R3717	1-208-713-11	METAL CHIP	18K	0.5%	1/16W
R2924	1-218-937-11	RES-CHIP	47	5%	1/16W	R3718	1-208-911-11	METAL CHIP	10K	0.5%	1/16W
R2963	1-218-977-11	RES-CHIP	100K	5%	1/16W	R3727	1-218-990-81	SHORT CHIP	0		
R2967	1-218-977-11	RES-CHIP	100K	5%	1/16W	R3728	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2968	1-218-941-81	RES-CHIP	100	5%	1/16W	R3729	1-216-803-11	METAL CHIP	33	5%	1/10W
R3010	1-218-985-11	RES-CHIP	470K	5%	1/16W	R3734	1-211-969-11	METAL CHIP	10	0.5%	1/10W
R3013	1-218-949-11	RES-CHIP	470	5%	1/16W	R3735	1-211-969-11	METAL CHIP	10	0.5%	1/10W
R3014	1-218-977-11	RES-CHIP	100K	5%	1/16W	R3740	1-218-953-11	RES-CHIP	1K	5%	1/16W
R3018	1-218-965-11	RES-CHIP	10K	5%	1/16W	R3745	1-218-953-11	RES-CHIP	1K	5%	1/16W
						R3748	1-218-990-81	SHORT CHIP	0		

Ref. No.	Part No.	Description			
R3749	1-218-990-81	SHORT CHIP	0		
R3804	1-219-724-11	METAL CHIP	1	1%	1/4W
R3807	1-208-659-11	METAL CHIP	100	0.5%	1/16W
R3810	1-219-724-11	METAL CHIP	1	1%	1/4W
R3813	1-208-659-11	METAL CHIP	100	0.5%	1/16W
R3832	1-208-683-11	METAL CHIP	1K	0.5%	1/16W
R3833	1-208-683-11	METAL CHIP	1K	0.5%	1/16W
R3834	1-208-691-11	METAL CHIP	2.2K	0.5%	1/16W
R3835	1-208-691-11	METAL CHIP	2.2K	0.5%	1/16W
R3837	1-218-602-11	METAL CHIP	1	5%	1W
R3839	1-218-602-11	METAL CHIP	1	5%	1W
R3841	1-218-602-11	METAL CHIP	1	5%	1W
R3843	1-218-602-11	METAL CHIP	1	5%	1W

## &lt; COMPOSITION CIRCUIT BLOCK &gt;

RB2004	1-234-944-21	RES, NETWORK	47 (1005X4)		
RB2009	1-234-944-21	RES, NETWORK	47 (1005X4)		
RB2104	1-234-945-21	RES, NETWORK	100 (1005X4)		
RB2105	1-234-945-21	RES, NETWORK	100 (1005X4)		
RB2106	1-234-381-21	RES, NETWORK	100K (1005X4)		
RB2107	1-234-381-21	RES, NETWORK	100K (1005X4)		
RB2108	1-234-381-21	RES, NETWORK	100K (1005X4)		
* RB2501	1-234-384-21	RES, NETWORK	1M (1005X4)		
RB2601	1-234-381-21	RES, NETWORK	100K (1005X4)		
RB2602	1-234-381-21	RES, NETWORK	100K (1005X4)		
RB2904	1-234-381-21	RES, NETWORK	100K (1005X4)		
* RB3001	1-234-384-11	RES, NETWORK	1M (1005X4)		
RB3002	1-234-383-21	RES, NETWORK	470K (1005X4)		
RB3003	1-234-383-21	RES, NETWORK	470K (1005X4)		
RB3101	1-234-944-21	RES, NETWORK	47 (1005X4)		
RB3102	1-234-944-21	RES, NETWORK	47 (1005X4)		
RB3103	1-234-376-11	RES, NETWORK	2.2K (1005X4)		
RB3104	1-234-377-21	RES, NETWORK	4.7K (1005X4)		
RB3201	1-234-381-11	RES, NETWORK	100K (1005X4)		
RB3202	1-234-381-11	RES, NETWORK	100K (1005X4)		
* RB3203	1-234-379-21	RES, NETWORK	22K (1005X4)		
RB3401	1-234-381-21	RES, NETWORK	100K (1005X4)		
RB3501	1-234-375-21	RES, NETWORK	1K (1005X4)		
RB3502	1-234-945-21	RES, NETWORK	100 (1005X4)		
RB3801	1-234-381-11	RES, NETWORK	100K (1005X4)		

## &lt; TERMINAL &gt;

* TB2501	1-694-592-21	TERMINAL			
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## &lt; VIBRATOR &gt;

* X2101	1-813-090-31	VIBRATOR, CRYSTAL (12MHz)			
* X2902	1-813-860-21	OSCILLATOR, CRYSTAL (36MHz)			
X3001	1-795-244-11	VIBRATOR, CERAMIC (10MHz)			
X3002	1-781-525-11	VIBRATOR, CRYSTAL (32.768kHz)			
X3201	1-781-646-21	VIBRATOR, CERAMIC (4MHz)			

