

A black Sony Alpha 6000 APS-C mirrorless camera body. The camera features a textured black grip on the left, a silver-colored E-mount lens mount in the center, and the Sony logo and 'α' symbol on the top right. The text 'APS-C' is visible on the bottom right of the camera body.

Model	Lens	Service Manual of Lens
ILCE-6000	No supplied lens	No supplied lens
ILCE-6000L	SEL P1650 (E PZ 16-50mm F3.5-5.6 OSS)	9-834-693-1[]
ILCE-6000Y	SEL P1650 (E PZ 16-50mm F3.5-5.6 OSS)	9-834-693-1[]
	SEL55210 (E 55-210mm F4.5-6.3 OSS)	9-834-603-1[]

SONY®

Ver.	Date	History	Contents	S.M. Rev. issued
1.0	2014.03	Official Release	—	—
1.1	2014.11	Revised-1 (A1 14-096)	• Addition of White Model. Page 2-1, 4-2, 4-5, 5-1, 6-36	Yes

Caution
Danger of explosion if battery is incorrectly replaced.
Replace only with the same or equivalent type.
Dispose of used batteries according to the instructions.

注意
如果電池更換不當會有爆炸危險。
只能用同樣類型或等效類型的電池來更換。
務必按照說明處置用完的電池。

SAFETY-RELATED COMPONENT WARNING!!

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

ATTENTION AU COMPOSANT AYANT RAPPORT À LA SÉCURITÉ!

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

SAFETY CHECK-OUT

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

1. Check the area of your repair for unsoldered or poorly-soldered connections. Check the entire board surface for solder splashes and bridges.
2. Check the interboard wiring to ensure that no wires are “pinched” or contact high-wattage resistors.
3. Look for unauthorized replacement parts, particularly transistors, that were installed during a previous repair. Point them out to the customer and recommend their replacement.
4. Look for parts which, through functioning, show obvious signs of deterioration. Point them out to the customer and recommend their replacement.
5. Check the B+ voltage to see it is at the values specified.
6. Flexible Circuit Board Repairing
 - Keep the temperature of the soldering iron around 350°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

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.

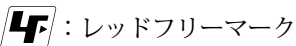
Caution
電池の交換は、正しく行わないと破裂する恐れがあります。
電池を交換する場合には必ず同じ型名の電池又は同等品と交換してください。
使用済み電池は、取扱指示に従って処分してください。

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。これらの注意書きおよ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
 - こて先温度を約350°Cに設定して行ってください。
 - 同一パターンに何度もこて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。

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°C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。

2. REPAIR PARTS LIST

BT-2011	CN-1027	FP-2045	IS-075	IS-076	IS-095	LC-1018	MIS-2000
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(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..., μ PC..., μ PC...,
uPD..., μ PD...

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

The components identified by mark $\triangle$ or dotted line with mark 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.

Caution

Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type. Dispose of used batteries according to the instructions.

注意

如果电池更换不当会有爆炸危险。只能用同样类型或等效类型的电池来更换。务必按照说明处置用完的电池。

Note 1: Be sure to read "Precautions for Replacement of Imager" on page 6-1.

Note 2: Replace the battery holder (BH0200) together when replacing the lithium secondary battery (BT0200) on the SY-1028 board. (The battery holder removed once cannot be used again.) When mounting these parts, mount new battery holder first and attach new lithium storage battery next.

(JAPANESE)

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

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

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

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。使用済み電池は、取扱指示に従って処分してください。

Note 1: イメージャの交換時は6-1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。

Note 2: SY-1028基板のリチウム蓄電池 (BT0200) を交換する場合はバッテリーホルダ (BH0200) も同時に新品に交換してください。(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蓄電池を装着してください。

2-2. ELECTRICAL PARTS LIST

Ref. No.	Part No.	Description
	1-889-866-11	BT-2011 FLEXIBLE BOARD *****
	A-2038-261-A	CN-1027 BOARD, COMPLETE *****
(CN7100 and Q6832 are not supplied, but they are included in CN-1027 COMPLETE BOARD.)		
< CAPACITOR >		
* C202	1-116-720-11	CERAMIC CHIP 10uF 20% 6.3V
* C203	1-116-720-11	CERAMIC CHIP 10uF 20% 6.3V
C401	1-118-040-11	CERAMIC CHIP 2.2uF 10% 16V
* C5300	1-116-738-11	CERAMIC CHIP 1uF 10% 6.3V
C5301	1-118-039-11	CERAMIC CHIP 1uF 10% 25V
C7101	1-118-386-11	CERAMIC CHIP 0.1uF 10% 16V
C7102	1-118-386-11	CERAMIC CHIP 0.1uF 10% 16V
< CONNECTOR >		
CN101	1-843-469-11	CONNECTOR, FPC (ZIF) 61P
* CN302	1-816-643-51	FFC/CONNECTOR, FPC (LIF) 10P
CN7100	(Not supplied)	CARD CONNECTOR
< DIODE >		
D201	6-503-515-01	DIODE SML-R12U8TT86Q
D6830	6-503-031-01	DIODE DZ2J18000L
D6831	6-502-975-01	DIODE DZ2J15000L
< IC >		
IC5300	6-718-155-01	IC R1207N823B-TR-FE
< COIL >		
L401	1-456-501-11	INDUCTOR 33uH
< TRANSISTOR >		
Q6830	6-551-630-01	TRANSISTOR RN1102MFV (TL3S
Q6832	(Not supplied)	TRANSISTOR MTM765200LBF
< RESISTOR >		
R201	1-218-943-11	METAL CHIP 150 5% 1/16W
R203	1-218-941-81	METAL CHIP 100 5% 1/16W
R5300	1-250-449-11	METAL CHIP 12 1% 1/16W
R5301	1-250-449-11	METAL CHIP 12 1% 1/16W
R6830	1-218-977-11	METAL CHIP 100K 5% 1/16W
R6831	1-218-977-11	METAL CHIP 100K 5% 1/16W
R6832	1-218-961-11	METAL CHIP 4.7K 5% 1/16W
R6834	1-218-941-81	METAL CHIP 100 5% 1/16W
< COMPOSITION CIRCUIT BLOCK >		
RB201	1-234-372-11	RES, NETWORK 100 (1005X4)
RB202	1-234-373-21	RES, NETWORK 220 (1005X4)
RB203	1-234-373-21	RES, NETWORK 220 (1005X4)
1-886-854-11	FP-2045 FLEXIBLE BOARD *****	

Ref. No.	Part No.	Description
	1-880-963-11	IS-075 FLEXIBLE BOARD *****
	1-880-964-11	IS-076 FLEXIBLE BOARD *****
A-1987-441-A (Not supplied)		SERVICE, DEVICE UNIT (2000)(SERVICE) IS-095 BOARD, COMPLETE *****
(All mounted parts and IS-095 COMPLETE BOARD are not supplied, but they are included in SERVICE, DEVICE UNIT (2000).)		
	A-2038-262-A	LC-1018 FLEXIBLE BOARD, COMPLETE *****
< CAPACITOR >		
C8040	1-118-040-11	CERAMIC CHIP 2.2uF 10% 16V
C8041	1-118-040-11	CERAMIC CHIP 2.2uF 10% 16V
C8042	1-118-477-11	CERAMIC CHIP 2.2uF 10% .3V
* C8043	1-116-738-11	CERAMIC CHIP 1uF 10% 6.3V
C8044	1-118-039-11	CERAMIC CHIP 1uF 10% 25V
C8045	1-118-477-11	CERAMIC CHIP 2.2uF 10% 6.3V
C8046	1-118-462-11	CERAMIC CHIP 1uF 10% 10V
C8047	1-118-462-11	CERAMIC CHIP 1uF 10% 10V
C8048	1-118-039-11	CERAMIC CHIP 1uF 10% 25V
* C8049	1-116-738-11	CERAMIC CHIP 1uF 10% 6.3V
* C8050	1-116-738-11	CERAMIC CHIP 1uF 10% 6.3V
* C8051	1-116-738-11	CERAMIC CHIP 1uF 10% 6.3V
* C8052	1-116-738-11	CERAMIC CHIP 1uF 10% 6.3V
C8053	1-118-462-11	CERAMIC CHIP 1uF 10% 10V
C8054	1-118-462-11	CERAMIC CHIP 1uF 10% 10V
* C8055	1-116-738-11	CERAMIC CHIP 1uF 10% 6.3V
C8056	1-118-039-11	CERAMIC CHIP 1uF 10% 25V
C8057	1-118-039-11	CERAMIC CHIP 1uF 10% 25V
< CONNECTOR >		
CN8040	1-842-604-11	CONNECTOR, FPC (ZIF) 61PIN
* CN8041	1-822-910-11	CONNECTOR, FPC (LIF (NON-ZIF))
< DIODE >		
D8040	6-502-934-01	DIODE DB2S31100K8
	A-1933-717-A	MIS-2000 FLEXIBLE BOARD, COMPLETE (SILVER, WHITE)
	A-2038-281-A	MIS-2000 FLEXIBLE BOARD, COMPLETE (BLACK) *****
(CN7551 is not supplied, but this is included in MIS-2000 FLEXIBLE COMPLETE BOARD.)		
< CONNECTOR >		
CN7551 (Not supplied)		CONNECTOR (SHOE)

Ref. No.	Part No.	Description
	A-2038-263-A	RL-1024 FLEXIBLE BOARD, COMPLETE *****
(PH0009 and PH0010 are not supplied, but they are included in RL-1024 FLEXIBLE COMPLETE BOARD.)		
< CAPACITOR >		
* C0003	1-116-738-11	CERAMIC CHIP 1uF 10% 6.3V
* C0007	1-116-738-11	CERAMIC CHIP 1uF 10% 6.3V
< CONNECTOR >		
CN003	1-816-655-61	CONNECTOR, FFC/FPC 8P
< DIODE >		
D001	6-502-887-01	DIODE SCM-J14DTT96
< IC >		
IC0002	6-600-629-01	IC RS-470
< PHOTO INTERRUPTER >		
PH0009	(Not supplied)	PHOTO REFLECTOR PR-40-T
PH0010	(Not supplied)	PHOTO REFLECTOR PR-40-T
< TRANSISTOR >		
Q0001	6-551-631-01	TRANSISTOR RN1104MFV (TL3S
Q0002	6-551-631-01	TRANSISTOR RN1104MFV (TL3S
< RESISTOR >		
R0030	1-216-819-11	METAL CHIP 680 5% 1/10W
R0031	1-216-819-11	METAL CHIP 680 5% 1/10W
R034	1-218-957-11	METAL CHIP 2.2K 5% 1/16W
R035	1-218-959-11	METAL CHIP 3.3K 5% 1/16W
R036	1-218-961-11	METAL CHIP 4.7K 5% 1/16W
R037	1-218-965-11	METAL CHIP 10K 5% 1/16W
R038	1-218-965-11	METAL CHIP 10K 5% 1/16W
R039	1-218-961-11	METAL CHIP 4.7K 5% 1/16W
R040	1-218-959-11	METAL CHIP 3.3K 5% 1/16W
R041	1-218-957-11	METAL CHIP 2.2K 5% 1/16W
< SWITCH >		
* S0018	1-798-136-21	TACTILE SWITCH
S0019	1-786-680-21	SWITCH, DETECTION (SMD)
S0020	1-786-914-31	SWITCH, TACTILE
S0021	1-786-914-31	SWITCH, TACTILE
* S0023	1-786-914-51	SWITCH, TACTILE
S0025	1-786-914-31	SWITCH, TACTILE
S026	1-798-035-61	ROTARY SWITCH
< THERMISTOR >		
△ TH0001	1-804-949-11	THERMISTOR, NTC (SMD)

ILCE-6000/6000L/6000Y_L3

Ref. No.	Part No.	Description
	A-2038-264-A	ST-1018 FLEXIBLE BOARD, COMPLETE *****
(L5800, Q5800 and SE2700 are not supplied, but they are not included in ST-1018 FLEXIBLE COMPLETE BOARD.)		
< CAPACITOR >		
C2700	1-118-477-11	CERAMIC CHIP 2.2uF 10% 6.3V
C3800	1-118-386-11	CERAMIC CHIP 0.1uF 10% 16V
C5800	1-118-386-11	CERAMIC CHIP 0.1uF 10% 16V
C5801	1-118-047-11	CERAMIC CHIP 10uF 10% 16V
△* C5803	1-116-456-11	CERAMIC CHIP 0.047uF 10% 350V
△ C5804	1-100-761-21	CERAMIC CHIP 0.01uF 10% 250V
C8800	1-118-462-11	CERAMIC CHIP 1uF 10% 10V
< CONNECTOR >		
* CN801	1-822-914-11	CONNECTOR, FPC (LIF (NON-ZIF))
* CN3800	1-822-378-11	CONNECTOR, FPC (ZIF) 33P
< DIODE >		
△* D5800	6-503-901-01	DIODE DA2JF6500L
△ D5801	6-501-119-01	DIODE RR264M-400
△* D5802	6-503-001-01	DIODE RR255M-400FJTR
D8800	6-503-126-01	DIODE DA2S10100K8
< IC >		
IC5800	6-716-806-01	IC R2J20071DNS
< COIL >		
L5800	(Not supplied)	INDUCTOR 2.2uH
< TRANSISTOR >		
Q3802	6-551-630-01	TRANSISTOR RN1102MFV (TL3S
△ Q5800	(Not supplied)	TIG065E8-TL-HQ
Q8800	6-551-631-01	TRANSISTOR RN1104MFV (TL3S
Q8801	6-552-874-01	TRANSISTOR RW1C025ZPT2CR
< RESISTOR >		
* R5800	1-250-523-11	METAL CHIP 15K 1% 1/16W
R5802	1-250-521-11	METAL CHIP 12K 1% 1/16W
R5803	1-218-871-11	METAL CHIP 10K 0.5% 1/10W
R5804	1-218-848-11	METAL CHIP 1.1K 0.5% 1/10W
△* R5806	1-246-338-21	METAL CHIP 3M 1% 1/8W
R5807	1-218-881-11	METAL CHIP 27K 0.5% 1/10W
R5808	1-218-941-81	METAL CHIP 100 5% 1/16W
△ R5809	1-216-121-11	METAL CHIP 1M 5% 1/10W
△ R5810	1-216-097-11	METAL CHIP 100K 5% 1/10W
R8800	1-218-965-11	METAL CHIP 10K 5% 1/16W
R8801	1-250-567-11	METAL CHIP 1M 1% 1/16W
< SENSOR >		
SE2700	(Not supplied)	INFRARED RECEIVER SENSOR
* SE3800	1-489-167-11	SENSOR MAGNETIC
< TRANSFORMER >		
△* T801	1-445-774-11	D.C.-D.C.CONVERTER TRANSFORMER

Ref. No.	Part No.	Description
	A-2038-810-A	SY-1028 BOARD, COMPLETE (SERVICE) *****
(C0200, C0704, C1009, C2305, C3000, C3009, C5207, C5250, C5253, C5254, C5402, C5651, C5652, C5715, C6208, C6209, C6210, C6220, C6221, C6230, C6235, C6236, C6240, C6242, C6702, C7402, C7750, C7751, C8424, C8425, CN3000, CN4001, CN4904, CN9000, CP5100, CP7301, IC2300, IC2301, IC3402, IC5150, IC5151, IC6000, IC6200, L5150, L5151, L9000, L9001, L9002, L9003, Q5252, Q5510, R1129, R1130, R1131, R5201, R5543, R5544, R6125, R6126, R6128, R6129, R6130, TB7381, and X1000 are not supplied, but they are included in SY-1028 COMPLETE BOARD (SERVICE).)		
(BT0200 is not included in SY-1028 COMPLETE BOARD (SERVICE).)		
< BATTERY HOLDER >		
△ BH0200	1-251-928-21	SOCKET, BATTERY
< BATTERY >		
△ BT0200	1-756-134-15	BATTERY,LITHIUM (SECONDARY)
< CAPACITOR >		
C0104	1-118-462-11	CERAMIC CHIP 1uF 10% 10V
C0200	(Not supplied)	CERAMIC CHIP 0.01uF 10% 16V
C0702	1-100-249-11	CAP, CERAMIC 0.01MF B (1310)
* C0703	1-118-458-11	CERAMIC CHIP 0.1uF 10% 6.3V
C0704	(Not supplied)	CERAMIC CHIP 0.01uF 10% 16V
C0707	1-118-403-11	CERAMIC CHIP 0.001uF 10% 50V
C1009	(Not supplied)	CERAMIC CHIP 0.1uF 10% 6.3V
C1106	1-100-252-11	CAP, CERAMIC 0.1MF B (1310)
C1108	1-100-252-11	CAP, CERAMIC 0.1MF B (1310)
C2305	(Not supplied)	CERAMIC CHIP 0.1uF 10% 6.3V
C2306	1-118-462-11	CERAMIC CHIP 1uF 10% 10V
C3000	(Not supplied)	CERAMIC CHIP 2.2uF 10% 16V
C3001	1-118-417-11	CERAMIC CHIP 0.1uF 10% 16V
* C3008	1-116-720-11	CERAMIC CHIP 10uF 20% 6.3V
C3009	(Not supplied)	CERAMIC CHIP 0.1uF 10% 6.3V
C3012	1-118-417-11	CERAMIC CHIP 0.1uF 10% 16V
* C3402	1-118-458-11	CERAMIC CHIP 0.1uF 10% 6.3V
* C3405	1-116-738-11	CERAMIC CHIP 1uF 10% 6.3V
C3415	1-118-386-11	CERAMIC CHIP 0.1uF 10% 16V
C3416	1-118-386-11	CERAMIC CHIP 0.1uF 10% 16V
* C3419	1-116-738-11	CERAMIC CHIP 1uF 10% 6.3V
C3420	1-118-462-11	CERAMIC CHIP 1uF 10% 10V
* C3421	1-118-458-11	CERAMIC CHIP 0.1uF 10% 6.3V
* C3422	1-116-738-11	CERAMIC CHIP 1uF 10% 6.3V
* C3423	1-116-738-11	CERAMIC CHIP 1uF 10% 6.3V
* C4906	1-118-458-11	CERAMIC CHIP 0.1uF 10% 6.3V
C5100	1-116-717-11	CERAMIC CHIP 10uF 20% 10V
C5101	1-116-713-11	CERAMIC CHIP 22uF 20% 10V
* C5102	1-116-720-11	CERAMIC CHIP 10uF 20% 6.3V
* C5103	1-116-720-11	CERAMIC CHIP 10uF 20% 6.3V
* C5105	1-116-720-11	CERAMIC CHIP 10uF 20% 6.3V
C5106	1-118-477-11	CERAMIC CHIP 2.2uF 10% 6.3V
C5107	1-118-477-11	CERAMIC CHIP 2.2uF 10% 6.3V
C5150	1-116-713-11	CERAMIC CHIP 22uF 20% 10V
C5151	1-116-713-11	CERAMIC CHIP 22uF 20% 10V
C5152	1-116-713-11	CERAMIC CHIP 22uF 20% 10V
C5153	1-116-713-11	CERAMIC CHIP 22uF 20% 10V
C5154	1-118-386-11	CERAMIC CHIP 0.1uF 10% 16V
C5155	1-118-386-11	CERAMIC CHIP 0.1uF 10% 16V
C5156	1-112-197-91	CERAMIC CHIP 10PF 0.5PF 50V

Ref. No.	Part No.	Description			
C5157	1-112-197-91	CERAMIC CHIP	10PF	0.5PF	50V
C5158	1-116-713-11	CERAMIC CHIP	22uF	20%	10V
C5159	1-116-713-11	CERAMIC CHIP	22uF	20%	10V
* C5200	1-118-458-11	CERAMIC CHIP	0.1uF	10%	6.3V
C5201	1-118-041-11	CERAMIC CHIP	4.7uF	10%	10V
* C5202	1-118-458-11	CERAMIC CHIP	0.1uF	10%	6.3V
* C5203	1-116-738-11	CERAMIC CHIP	1uF	10%	6.3V
C5204	1-118-462-11	CERAMIC CHIP	1uF	10%	10V
C5205	1-118-462-11	CERAMIC CHIP	1uF	10%	10V
C5207	(Not supplied)	CERAMIC CHIP	4.7uF	20%	6.3V
C5208	1-118-462-11	CERAMIC CHIP	1uF	10%	10V
C5250	(Not supplied)	CERAMIC CHIP	0.1uF	10%	10V
C5253	(Not supplied)	CERAMIC CHIP	0.01uF	10%	16V
C5254	(Not supplied)	CERAMIC CHIP	0.1uF	10%	10V
* C5325	1-118-458-11	CERAMIC CHIP	0.1uF	10%	6.3V
C5326	1-118-386-11	CERAMIC CHIP	0.1uF	10%	16V
* C5327	1-118-458-11	CERAMIC CHIP	0.1uF	10%	6.3V
C5328	1-118-041-11	CERAMIC CHIP	4.7uF	10%	10V
C5329	1-118-040-11	CERAMIC CHIP	2.2uF	10%	16V
C5400	1-118-462-11	CERAMIC CHIP	1uF	10%	10V
C5401	1-118-462-11	CERAMIC CHIP	1uF	10%	10V
C5402	(Not supplied)	CERAMIC CHIP	0.022uF	10%	10V
C5403	1-118-462-11	CERAMIC CHIP	1uF	10%	10V
C5406	1-118-462-11	CERAMIC CHIP	1uF	10%	10V
C5407	1-118-462-11	CERAMIC CHIP	1uF	10%	10V
C5408	1-118-462-11	CERAMIC CHIP	1uF	10%	10V
C5500	1-118-462-11	CERAMIC CHIP	1uF	10%	10V
C5600	1-118-386-11	CERAMIC CHIP	0.1uF	10%	16V
C5650	1-118-039-11	CERAMIC CHIP	1uF	10%	25V
C5651	(Not supplied)	CERAMIC CHIP	0.22uF	10%	6.3V
C5652	(Not supplied)	CERAMIC CHIP	0.1uF	10%	10V
C5653	1-118-040-11	CERAMIC CHIP	2.2uF	10%	16V
C5654	1-118-047-11	CERAMIC CHIP	10uF	10%	16V
C5655	1-118-047-11	CERAMIC CHIP	10uF	10%	16V
C5656	1-118-039-11	CERAMIC CHIP	1uF	10%	25V
C5657	1-118-039-11	CERAMIC CHIP	1uF	10%	25V
C5658	1-118-386-11	CERAMIC CHIP	0.1uF	10%	16V
C5700	1-116-713-11	CERAMIC CHIP	22uF	20%	10V
* C5701	1-118-458-11	CERAMIC CHIP	0.1uF	10%	6.3V
* C5702	1-118-458-11	CERAMIC CHIP	0.1uF	10%	6.3V
* C5703	1-118-458-11	CERAMIC CHIP	0.1uF	10%	6.3V
* C5704	1-118-458-11	CERAMIC CHIP	0.1uF	10%	6.3V
C5705	1-118-480-11	CERAMIC CHIP	4.7uF	10%	6.3V
C5707	1-128-606-91	CERAMIC CHIP	15PF	5%	25V
C5708	1-118-477-11	CERAMIC CHIP	2.2uF	10%	6.3V
C5709	1-128-606-91	CERAMIC CHIP	15PF	5%	25V
C5710	1-128-605-11	CERAMIC CHIP	12PF	5%	25V
C5711	1-128-605-11	CERAMIC CHIP	12PF	5%	25V
* C5712	1-118-458-11	CERAMIC CHIP	0.1uF	10%	6.3V
* C5714	1-118-458-11	CERAMIC CHIP	0.1uF	10%	6.3V
C5715	(Not supplied)	CERAMIC CHIP	0.1uF	10%	10V
* C6003	1-116-720-11	CERAMIC CHIP	10uF	20%	6.3V
* C6004	1-118-458-11	CERAMIC CHIP	0.1uF	10%	6.3V
* C6005	1-118-458-11	CERAMIC CHIP	0.1uF	10%	6.3V
* C6007	1-118-458-11	CERAMIC CHIP	0.1uF	10%	6.3V
* C6008	1-118-458-11	CERAMIC CHIP	0.1uF	10%	6.3V
* C6009	1-118-458-11	CERAMIC CHIP	0.1uF	10%	6.3V
* C6010	1-118-458-11	CERAMIC CHIP	0.1uF	10%	6.3V
* C6041	1-118-458-11	CERAMIC CHIP	0.1uF	10%	6.3V

Ref. No.	Part No.	Description			
	C6060	1-118-477-11 CERAMIC CHIP	2.2uF	10%	6.3V
* C6062	1-118-458-11	CERAMIC CHIP	0.1uF	10%	6.3V
* C6063	1-118-458-11	CERAMIC CHIP	0.1uF	10%	6.3V
* C6064	1-118-458-11	CERAMIC CHIP	0.1uF	10%	6.3V
C6065	1-118-477-11	CERAMIC CHIP	2.2uF	10%	6.3V
* C6066	1-118-458-11	CERAMIC CHIP	0.1uF	10%	6.3V
* C6067	1-118-458-11	CERAMIC CHIP	0.1uF	10%	6.3V
* C6080	1-118-458-11	CERAMIC CHIP	0.1uF	10%	6.3V
* C6081	1-118-458-11	CERAMIC CHIP	0.1uF	10%	6.3V
* C6084	1-118-458-11	CERAMIC CHIP	0.1uF	10%	6.3V
* C6086	1-118-458-11	CERAMIC CHIP	0.1uF	10%	6.3V
* C6102	1-116-720-11	CERAMIC CHIP	10uF	20%	6.3V
* C6103	1-118-458-11	CERAMIC CHIP	0.1uF	10%	6.3V
* C6104	1-118-458-11	CERAMIC CHIP	0.1uF	10%	6.3V
* C6127	1-118-458-11	CERAMIC CHIP	0.1uF	10%	6.3V
* C6128	1-118-458-11	CERAMIC CHIP	0.1uF	10%	6.3V
* C6129	1-118-458-11	CERAMIC CHIP	0.1uF	10%	6.3V
* C6130	1-118-458-11	CERAMIC CHIP	0.1uF	10%	6.3V
* C6131	1-118-458-11	CERAMIC CHIP	0.1uF	10%	6.3V
* C6132	1-118-458-11	CERAMIC CHIP	0.1uF	10%	6.3V
* C6133	1-118-458-11	CERAMIC CHIP	0.1uF	10%	6.3V
* C6134	1-118-458-11	CERAMIC CHIP	0.1uF	10%	6.3V
C6141	1-116-713-11	CERAMIC CHIP	22uF	20%	10V
* C6142	1-118-458-11	CERAMIC CHIP	0.1uF	10%	6.3V
C6201	1-116-749-11	CERAMIC CHIP	22uF	20%	6.3V
C6202	1-116-749-11	CERAMIC CHIP	22uF	20%	6.3V
* C6203	1-118-458-11	CERAMIC CHIP	0.1uF	10%	6.3V
* C6204	1-118-458-11	CERAMIC CHIP	0.1uF	10%	6.3V
* C6205	1-118-458-11	CERAMIC CHIP	0.1uF	10%	6.3V
* C6206	1-118-458-11	CERAMIC CHIP	0.1uF	10%	6.3V
C6208	(Not supplied)	CERAMIC CHIP	0.01uF	10%	16V
C6209	(Not supplied)	CERAMIC CHIP	0.01uF	10%	16V
C6210	(Not supplied)	CERAMIC CHIP	0.01uF	10%	16V
C6220	(Not supplied)	CERAMIC CHIP	10uF	20%	6.3V
C6221	(Not supplied)	CERAMIC CHIP	10uF	20%	6.3V
* C6222	1-118-458-11	CERAMIC CHIP	0.1uF	10%	6.3V
* C6227	1-118-458-11	CERAMIC CHIP	0.1uF	10%	6.3V
* C6228	1-118-458-11	CERAMIC CHIP	0.1uF	10%	6.3V
* C6229	1-118-458-11	CERAMIC CHIP	0.1uF	10%	6.3V
C6230	(Not supplied)	CERAMIC CHIP	0.01uF	10%	16V
C6235	(Not supplied)	CERAMIC CHIP	0.01uF	10%	16V
C6236	(Not supplied)	CERAMIC CHIP	0.01uF	10%	16V
C6240	(Not supplied)	CERAMIC CHIP	0.01uF	10%	16V
C6242	(Not supplied)	CERAMIC CHIP	0.01uF	10%	16V
* C6243	1-118-458-11	CERAMIC CHIP	0.1uF	10%	6.3V
* C6244	1-118-458-11	CERAMIC CHIP	0.1uF	10%	6.3V
* C6245	1-118-458-11	CERAMIC CHIP	0.1uF	10%	6.3V
C6700	1-118-480-11	CERAMIC CHIP	4.7uF	10%	6.3V
* C6701	1-118-458-11	CERAMIC CHIP	0.1uF	10%	6.3V
C6702	(Not supplied)	CERAMIC CHIP	0.001uF	10%	25V
C6703	1-118-386-11	CERAMIC CHIP	0.1uF	10%	16V
* C6800	1-118-458-11	CERAMIC CHIP	0.1uF	10%	6.3V
C6801	1-118-462-11	CERAMIC CHIP	1uF	10%	10V
C6850	1-118-462-11	CERAMIC CHIP	1uF	10%	10V
* C6852	1-118-458-11	CERAMIC CHIP	0.1uF	10%	6.3V
C7301	1-118-477-11	CERAMIC CHIP	2.2uF	10%	6.3V
C7302	1-118-477-11	CERAMIC CHIP	2.2uF	10%	6.3V
C7303	1-118-477-11	CERAMIC CHIP	2.2uF	10%	6.3V

ILCE-6000/6000L/6000Y_L3

Ref. No.	Part No.	Description			
C7304	1-118-477-11	CERAMIC CHIP	2.2uF	10%	6.3V
C7305	1-118-477-11	CERAMIC CHIP	2.2uF	10%	6.3V
C7381	1-117-732-81	CERAMIC CHIP	1.5PF	0.1PF	16V
C7382	1-117-740-81	CERAMIC CHIP	3.3PF	0.1PF	16V
* C7401	1-118-458-11	CERAMIC CHIP	0.1uF	10%	6.3V
C7402	(Not supplied)	CERAMIC CHIP	100PF	1%	50V
C7403	1-164-854-11	CERAMIC CHIP	15PF	5%	50V
C7750	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V
C7751	(Not supplied)	CERAMIC CHIP	0.1uF	10%	6.3V
C8060	1-118-417-11	CERAMIC CHIP	0.1uF	10%	16V
C8061	1-118-417-11	CERAMIC CHIP	0.1uF	10%	16V
C8062	1-118-417-11	CERAMIC CHIP	0.1uF	10%	16V
C8063	1-118-386-11	CERAMIC CHIP	0.1uF	10%	16V
C8064	1-118-386-11	CERAMIC CHIP	0.1uF	10%	16V
C8065	1-118-386-11	CERAMIC CHIP	0.1uF	10%	16V
* C8420	1-116-738-11	CERAMIC CHIP	1uF	10%	6.3V
* C8421	1-116-738-11	CERAMIC CHIP	1uF	10%	6.3V
* C8423	1-116-738-11	CERAMIC CHIP	1uF	10%	6.3V
C8424	(Not supplied)	CERAMIC CHIP	0.01uF	10%	16V
C8425	(Not supplied)	CERAMIC CHIP	0.01uF	10%	16V
* C8426	1-118-458-11	CERAMIC CHIP	0.1uF	10%	6.3V
C8427	1-118-462-11	CERAMIC CHIP	1uF	10%	10V
C8428	1-118-026-11	CERAMIC CHIP	470PF	10%	25V
< CONNECTOR >					
* CN0400	1-820-857-81	CONNECTOR, FPC (ZIF) 51P			
* CN1700	1-822-914-11	CONNECTOR, FPC (LIF (NON-ZIF))			
* CN1800	1-822-914-11	CONNECTOR, FPC (LIF (NON-ZIF))			
CN3000	(Not supplied)	CONNECTOR, FPC (ZIF) 51P			
CN4001	(Not supplied)	SOCKET, USB CONNECTOR			
CN4900	1-843-469-11	CONNECTOR, FPC (ZIF) 61P			
* CN4901	1-822-914-11	CONNECTOR, FPC (LIF (NON-ZIF))			
* CN4903	1-821-503-11	CONNECTOR, FPC (ZIF) 39P			
CN4904	(Not supplied)	CONNECTOR, FPC (ZIF) 51P			
* CN5400	1-817-829-81	CONNECTOR, FPC (ZIF) 27P			
* CN6850	1-822-910-11	CONNECTOR, FPC (LIF (NON-ZIF))			
* CN8060	1-842-176-51	CONNECTOR, FPC (ZIF) 61P			
CN9000	(Not supplied)	CONNECTOR, HDMI (TYPE-D)			
< COMPOSITION CIRCUIT BLOCK >					
CP5100	(Not supplied)	D.C.-D.C. CONVERTER			
CP7301	(Not supplied)	WLAN MODULE			
< DIODE >					
D0601	6-502-196-01	DIODE SML-D12Y8WT86SP			
* D0700	6-503-578-01	DIODE RB520SM-30T2R			
D1100	6-503-126-01	DIODE DA2S10100K8			
D1101	6-503-126-01	DIODE DA2S10100K8			
D4906	6-503-126-01	DIODE DA2S10100K8			
D4907	6-503-126-01	DIODE DA2S10100K8			
D5320	6-503-737-01	DIODE CES520			
D5321	6-503-737-01	DIODE CES520			
* D6700	6-503-578-01	DIODE RB520SM-30T2R			
D6701	6-503-321-01	DIODE DZ5S068D0R			
D6702	6-503-321-01	DIODE DZ5S068D0R			
* D9000	6-502-988-01	DIODE RB480Y-40T2R			

Ref. No.	Part No.	Description			
< FUSE >					
△ F0002	1-576-603-41	FUSE (3.15A/24V)			
△ F0003	1-576-603-41	FUSE (3.15A/24V)			
△ * F0004	1-523-026-41	FUSE (0.25A/36V)			
△ F0005	1-576-913-41	FUSE (1.6A/36V)			
△ F0006	1-576-913-41	FUSE (1.6A/36V)			
△ F4001	1-576-416-41	FUSE (2A/36V)			
< FERRITE BEAD >					
FB0604	1-481-349-21	EMI FERRITE (SMD) (1608)			
FB0606	1-469-580-21	INDUCTOR, FERRITE BEAD (1005)			
FB0680	1-400-354-11	INDUCTOR, FERRITE BEAD (1005)			
FB0681	1-400-354-11	INDUCTOR, FERRITE BEAD (1005)			
FB0682	1-400-354-11	INDUCTOR, FERRITE BEAD (1005)			
FB0683	1-400-354-11	INDUCTOR, FERRITE BEAD (1005)			
FB0684	1-400-354-11	INDUCTOR, FERRITE BEAD (1005)			
FB0685	1-400-354-11	INDUCTOR, FERRITE BEAD (1005)			
* FB0686	1-481-250-11	INDUCTOR, FERRITE BEAD (1005)			
* FB0687	1-481-250-11	INDUCTOR, FERRITE BEAD (1005)			
* FB6088	1-481-250-11	INDUCTOR, FERRITE BEAD (1005)			
* FB6089	1-481-250-11	INDUCTOR, FERRITE BEAD (1005)			
* FB6090	1-481-250-11	INDUCTOR, FERRITE BEAD (1005)			
* FB6091	1-481-250-11	INDUCTOR, FERRITE BEAD (1005)			
* FB6092	1-481-250-11	INDUCTOR, FERRITE BEAD (1005)			
* FB6093	1-481-250-11	INDUCTOR, FERRITE BEAD (1005)			
* FB6094	1-481-250-11	INDUCTOR, FERRITE BEAD (1005)			
FB6240	1-481-912-21	EMI FERRITE (SMD) (1005)			
FB6241	1-481-912-21	EMI FERRITE (SMD) (1005)			
< IC >					
* IC0100	6-716-467-01	IC MM3416A50URE			
IC2300	(Not supplied)	IC MM3416A33URE			
IC2301	(Not supplied)	IC TCK107G			
IC3402	(Not supplied)	IC MM3416A31URE			
IC4902	6-708-327-01	IC TC7WH240FK			
IC5150	(Not supplied)	IC TPS63060DSCR			
IC5151	(Not supplied)	IC TPS63060DSCR			
IC5200	6-716-945-01	IC BD8331GU-E2			
IC5250	6-715-773-01	IC NJM12904RB1 (TE2)			
* IC5321	6-720-977-01	IC TPS61093DSKR			
IC5400	6-717-276-01	IC MM3416A45URE			
IC5401	6-717-276-01	IC MM3416A45URE			
IC5402	6-717-276-01	IC MM3416A45URE			
IC5500	6-717-848-01	IC NCP380HSNAJAAT1G			
IC5600	6-716-783-01	IC BD11600NEX-E2			
* IC5651	6-720-759-01	IC OZ8072PN-C5-0-TR			
* IC5700	6-720-757-01	IC MB9AF004BGL-G-103-ERE1			
IC6000	(Not supplied)	IC MHZ4G8G01A			
IC6200	(Not supplied)	IC CXD90027GF			
* IC6700	6-711-430-01	IC TC74VHC367FK (EL)			
IC6800	6-706-491-01	IC TC7SH86FU			
IC6850	6-717-751-01	IC BD6376GUL-E2			
* IC7401	6-715-114-01	IC CXD9950AK			
IC8420	6-718-156-01	IC BU76312GUW-E2			
< COIL >					
L5150	(Not supplied)	INDUCTOR	1uH		
L5151	(Not supplied)	INDUCTOR	1uH		

Ref. No.	Part No.	Description			
L5320	1-460-370-11	INDUCTOR	10uH		
L5650	1-460-358-11	INDUCTOR	2.2uH		
* L6220	1-400-411-21	INDUCTOR	4.7uH		
* L6221	1-400-411-21	INDUCTOR	4.7uH		
L9000	(Not supplied)	COMMON MODE CHOKE COIL15(0806)			
L9001	(Not supplied)	COMMON MODE CHOKE COIL15(0806)			
L9002	(Not supplied)	COMMON MODE CHOKE COIL15(0806)			
L9003	(Not supplied)	COMMON MODE CHOKE COIL15(0806)			
< TRANSISTOR >					
Q0600	6-552-842-01	TRANSISTOR	QS8J2FU7TR		
Q0601	6-551-630-01	TRANSISTOR	RN1102MFV (TL3S		
Q4902	8-729-053-57	TRANSISTOR	RN1902FE		
Q4905	6-551-631-01	TRANSISTOR	RN1104MFV (TL3S		
Q5250	6-551-631-01	TRANSISTOR	RN1104MFV (TL3S		
Q5252	(Not supplied)	TRANSISTOR	SSM6J412TU, RSOYF		
Q5322	8-729-053-52	TRANSISTOR	HN1C01FE		
* Q5323	6-551-623-01	TRANSISTOR	2SA2154MFV (TL3S		
Q5400	6-551-631-01	TRANSISTOR	RN1104MFV (TL3S		
Q5401	6-552-845-01	TRANSISTOR	SSM3K121TU, LSOYF		
Q5402	6-552-830-01	TRANSISTOR	SSM6N15AFE		
Q5510	(Not supplied)	TRANSISTOR	RN1101, LSONYF		
Q5511	6-552-874-01	TRANSISTOR	RW1C025ZPT2CR		
* Q5520	6-552-213-01	TRANSISTOR	RW1A020ZPFU7		
Q5521	6-551-631-01	TRANSISTOR	RN1104MFV (TL3S		
Q5541	8-729-055-01	TRANSISTOR	RN4984FE		
Q5600	6-551-631-01	TRANSISTOR	RN1104MFV (TL3S		
Q5700	6-553-024-01	TRANSISTOR	SCH1337-TL-H		
Q5701	6-551-630-01	TRANSISTOR	RN1102MFV (TL3S		
Q5702	6-553-038-01	TRANSISTOR	DRA3115T0L		
Q6700	6-552-842-01	TRANSISTOR	QS8J2FU7TR		
Q6703	6-552-830-01	TRANSISTOR	SSM6N15AFE		
Q6704	6-552-830-01	TRANSISTOR	SSM6N15AFE		
Q6705	6-552-830-01	TRANSISTOR	SSM6N15AFE		
Q6706	6-550-576-01	TRANSISTOR	SSM6E01TU		
Q6800	6-551-630-01	TRANSISTOR	RN1102MFV (TL3S		
Q6801	6-552-883-01	TRANSISTOR	US6M2GTR		
Q6850	6-551-630-01	TRANSISTOR	RN1102MFV (TL3S		
Q7750	6-551-630-01	TRANSISTOR	RN1102MFV (TL3S		
Q7890	8-729-013-22	TRANSISTOR	HN1A01FU		
Q7891	6-551-630-01	TRANSISTOR	RN1102MFV (TL3S		
Q9000	6-551-202-01	TRANSISTOR	LM6K1FS8T2R		
* Q9001	6-552-700-01	TRANSISTOR	SSM3K15AMFV, L3SF		
Q9002	8-729-055-01	TRANSISTOR	RN4984FE		
< RESISTOR >					
R0602	1-218-957-11	METAL CHIP	2.2K	5%	1/16W
R0703	1-240-718-91	METAL CHIP	100K	5%	1/20W
R0705	1-218-941-81	METAL CHIP	100	5%	1/16W
R0706	1-218-945-11	METAL CHIP	220	5%	1/16W
R0707	1-218-941-81	METAL CHIP	100	5%	1/16W
* R0715	1-250-511-11	METAL CHIP	4.7K	1%	1/16W
R0717	1-218-977-11	METAL CHIP	100K	5%	1/16W
R1126	1-218-945-11	METAL CHIP	220	5%	1/16W
R1129	(Not supplied)	METAL CHIP	100K	1%	1/20W
R1130	(Not supplied)	METAL CHIP	4.7K	1%	1/20W
R1131	(Not supplied)	METAL CHIP	4.7K	1%	1/20W
R2404	1-218-977-11	METAL CHIP	100K	5%	1/16W
R3402	1-240-713-91	METAL CHIP	33K	5%	1/20W

Ref. No.	Part No.	Description			
R3410	1-250-495-11	METAL CHIP	1K	1%	1/16W
R3411	1-250-495-11	METAL CHIP	1K	1%	1/16W
R4909	1-240-701-91	METAL CHIP	3.3K	5%	1/20W
R4928	1-218-957-11	METAL CHIP	2.2K	5%	1/16W
R4929	1-218-959-11	METAL CHIP	3.3K	5%	1/16W
R4930	1-218-961-11	METAL CHIP	4.7K	5%	1/16W
R5151	1-250-535-11	METAL CHIP	47K	1%	1/16W
* R5152	1-250-511-11	METAL CHIP	4.7K	1%	1/16W
* R5154	1-250-545-11	METAL CHIP	120K	1%Q	1/16W
R5155	1-250-521-11	METAL CHIP	12K	1%	1/16W
* R5156	1-250-523-11	METAL CHIP	15K	1%	1/16W
R5200	1-218-941-81	METAL CHIP	100	5%	1/16W
R5201	(Not supplied)	METAL CHIP	100K	1%	1/20W
* R5202	1-257-273-11	METAL CHIP	33K	1%	1/20W
R5250	1-240-729-91	METAL CHIP	1M	5%	1/20W
R5251	1-240-718-91	METAL CHIP	100K	5%	1/20W
R5253	1-248-311-11	RES-CHIP	0.1	1%	1/4W
R5254	1-248-311-11	RES-CHIP	0.1	1%	1/4W
R5255	1-208-931-11	METAL CHIP	68K	0.5%	1/16W
R5256	1-208-931-11	METAL CHIP	68K	0.5%	1/16W
R5257	1-208-935-11	METAL CHIP	100K	0.5%	1/16W
R5258	1-208-935-11	METAL CHIP	100K	0.5%	1/16W
R5259	1-240-718-91	METAL CHIP	100K	5%	1/20W
R5260	1-240-722-91	METAL CHIP	220K	5%	1/20W
R5261	1-208-955-11	METAL CHIP	680K	0.5%	1/16W
R5262	1-208-955-11	METAL CHIP	680K	0.5%	1/16W
R5325	1-218-954-11	METAL CHIP	1.2K	5%	1/16W
* R5327	1-250-526-11	METAL CHIP	20K	1%	1/16W
R5328	1-250-541-11	METAL CHIP	82K	1%	1/16W
R5329	1-218-965-11	METAL CHIP	10K	5%	1/16W
R5331	1-240-707-91	METAL CHIP	10K	5%	1/20W
R5334	1-218-981-81	METAL CHIP	220K	5%	1/16W
* R5335	1-250-523-11	METAL CHIP	15K	1%	1/16W
R5336	1-250-551-11	METAL CHIP	220K	1%	1/16W
R5337	1-250-519-11	METAL CHIP	10K	1%	1/16W
R5400	1-218-953-11	METAL CHIP	1K	5%	1/16W
R5401	1-218-937-11	METAL CHIP	47	5%	1/16W
R5500	1-240-711-91	METAL CHIP	22K	5%	1/20W
R5501	1-218-953-11	METAL CHIP	1K	5%	1/16W
R5510	1-240-718-91	METAL CHIP	100K	5%	1/20W
R5512	1-218-953-11	METAL CHIP	1K	5%	1/16W
R5520	1-240-722-91	METAL CHIP	220K	5%	1/20W
R5543	(Not supplied)	METAL CHIP	100K	1%	1/20W
R5544	(Not supplied)	METAL CHIP	47K	1%	1/20W
R5600	1-218-965-11	METAL CHIP	10K	5%	1/16W
R5650	1-240-679-91	METAL CHIP	47	5%	1/20W
* R5654	1-250-503-11	METAL CHIP	2.2K	1%	1/16W
R5655	1-240-699-91	METAL CHIP	2.2K	5%	1/20W
R5656	1-240-699-91	METAL CHIP	2.2K	5%	1/20W
R5701	1-240-701-91	METAL CHIP	3.3K	5%	1/20W
R5702	1-240-697-91	METAL CHIP	1.5K	5%	1/20W
R5711	1-240-711-91	METAL CHIP	22K	5%	1/20W
R5712	1-240-676-91	METAL CHIP	22	5%	1/20W
R5713	1-240-676-91	METAL CHIP	22	5%	1/20W
R6001	1-218-953-11	METAL CHIP	1K	5%	1/16W
R6040	1-240-695-91	METAL CHIP	1K	5%	1/20W
* R6060	1-250-507-11	METAL CHIP	3.3K	1%	1/16W
R6061	1-250-521-11	METAL CHIP	12K	1%	1/16W

ILCE-6000/6000L/6000Y_L3

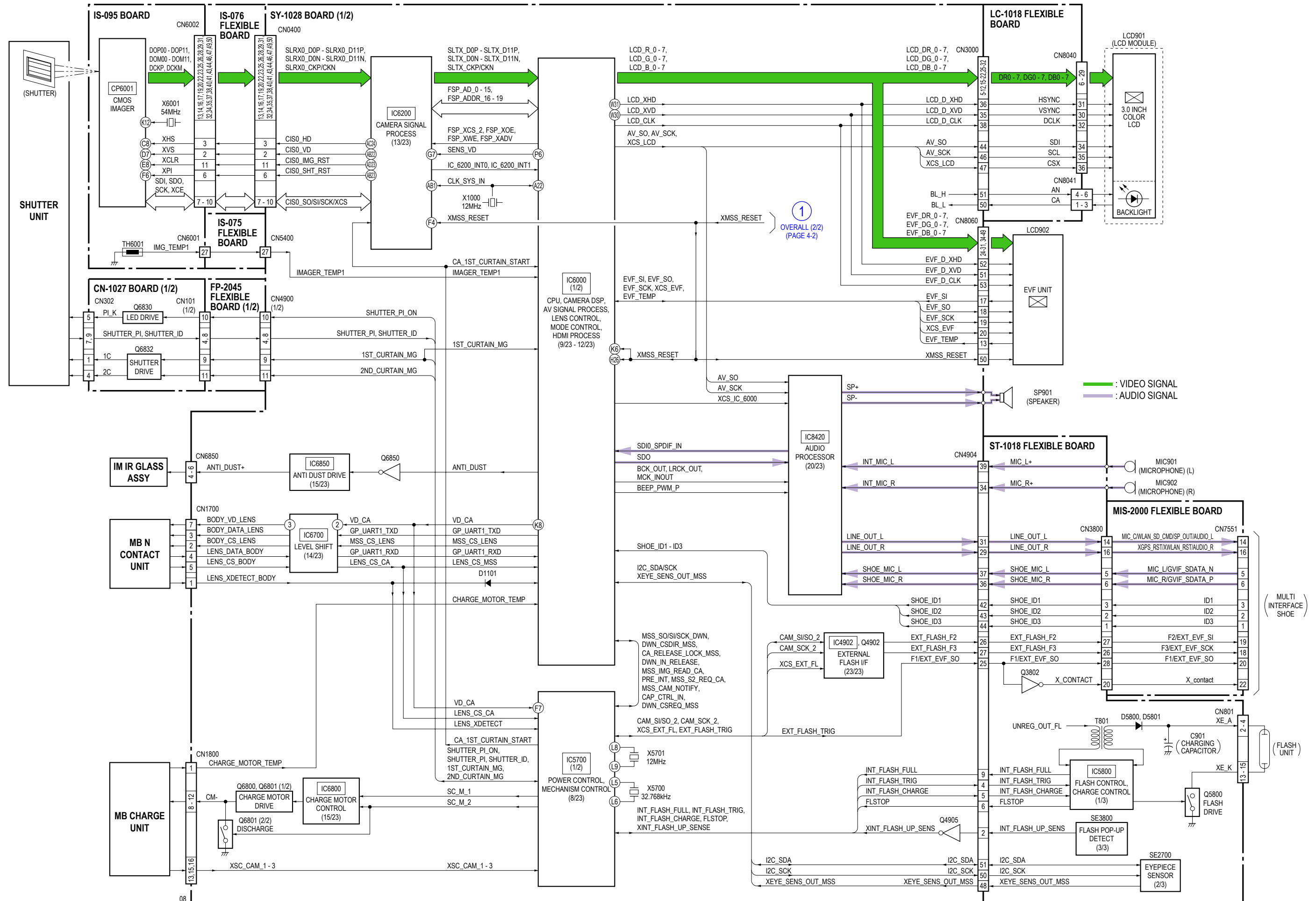
Ref. No.	Part No.	Description			
* R6062	1-250-507-11	METAL CHIP	3.3K	1%	1/16W
R6083	1-240-679-91	METAL CHIP	47	5%	1/20W
R6084	1-240-681-91	METAL CHIP	68	5%	1/20W
R6085	1-240-678-91	METAL CHIP	33	5%	1/20W
R6086	1-240-678-91	METAL CHIP	33	5%	1/20W
R6125	(Not supplied)	METAL CHIP	240	1%	1/20W
R6126	(Not supplied)	METAL CHIP	240	1%	1/20W
R6128	(Not supplied)	METAL CHIP	240	1%	1/20W
R6129	(Not supplied)	METAL CHIP	10K	1%	1/20W
R6130	(Not supplied)	METAL CHIP	10K	1%	1/20W
R6700	1-240-683-91	METAL CHIP	100	5%	1/20W
R6702	1-240-718-91	METAL CHIP	100K	5%	1/20W
R6703	1-240-711-91	METAL CHIP	22K	5%	1/20W
R6704	1-240-729-91	METAL CHIP	1M	5%	1/20W
R6706	1-240-707-91	METAL CHIP	10K	5%	1/20W
R6707	1-240-707-91	METAL CHIP	10K	5%	1/20W
R6708	1-218-941-81	METAL CHIP	100	5%	1/16W
R6709	1-240-695-91	METAL CHIP	1K	5%	1/20W
R6710	1-240-729-91	METAL CHIP	1M	5%	1/20W
R6711	1-240-707-91	METAL CHIP	10K	5%	1/20W
R6712	1-240-707-91	METAL CHIP	10K	5%	1/20W
R6714	1-240-703-91	METAL CHIP	4.7K	5%	1/20W
R6800	1-240-695-91	METAL CHIP	1K	5%	1/20W
R6850	1-240-695-91	METAL CHIP	1K	5%	1/20W
R6851	1-216-789-11	METAL CHIP	2.2	5%	1/10W
R7750	1-240-686-91	METAL CHIP	180	5%	1/20W
R7751	1-240-711-91	METAL CHIP	22K	5%	1/20W
R7752	1-240-711-91	METAL CHIP	22K	5%	1/20W
R7890	1-218-953-11	METAL CHIP	1K	5%	1/16W
R7891	1-216-796-11	METAL CHIP	8.2	5%	1/10W
R7892	1-216-799-11	METAL CHIP	15	5%	1/10W
R8421	1-218-957-11	METAL CHIP	2.2K	5%	1/16W
R8422	1-218-957-11	METAL CHIP	2.2K	5%	1/16W
R9000	1-240-712-91	METAL CHIP	27K	5%	1/20W
< COMPOSITION CIRCUIT BLOCK >					
* RB0700	1-234-384-11	RES, NETWORK	1M (1005X4)		
RB0701	1-234-380-21	RES, NETWORK	47K (1005X4)		
RB1050	1-234-377-21	RES, NETWORK	4.7K (1005X4)		
RB1101	1-234-381-11	RES, NETWORK	100K (1005X4)		
RB1102	1-234-378-21	RES, NETWORK	10K (1005X4)		
RB3000	1-234-387-21	RES, NETWORK	330 (1005X4)		
RB3001	1-234-387-21	RES, NETWORK	330 (1005X4)		
RB3002	1-234-387-21	RES, NETWORK	330 (1005X4)		
RB3003	1-234-387-21	RES, NETWORK	330 (1005X4)		
RB3004	1-234-387-21	RES, NETWORK	330 (1005X4)		
RB3005	1-234-387-21	RES, NETWORK	330 (1005X4)		
RB3006	1-234-387-21	RES, NETWORK	330 (1005X4)		
RB3007	1-234-387-21	RES, NETWORK	330 (1005X4)		
RB3008	1-234-387-21	RES, NETWORK	330 (1005X4)		
RB3009	1-234-387-21	RES, NETWORK	330 (1005X4)		
RB3010	1-234-387-21	RES, NETWORK	330 (1005X4)		
RB3011	1-234-387-21	RES, NETWORK	330 (1005X4)		
RB3012	1-234-387-21	RES, NETWORK	330 (1005X4)		
RB3013	1-234-387-21	RES, NETWORK	330 (1005X4)		
RB3014	1-234-387-21	RES, NETWORK	330 (1005X4)		
RB3015	1-234-387-21	RES, NETWORK	330 (1005X4)		
RB4900	1-234-381-11	RES, NETWORK	100K (1005X4)		
RB5400	1-234-381-11	RES, NETWORK	100K (1005X4)		

Ref. No.	Part No.	Description	
RB5700	1-234-378-21	RES, NETWORK	10K (1005X4)
RB6083	1-242-963-21	RES, NETWORK	33 (1005X4)
RB6700	1-234-378-21	RES, NETWORK	10K (1005X4)
RB6701	1-234-381-11	RES, NETWORK	100K (1005X4)
RB6702	1-234-374-21	RES, NETWORK	470 (1005X4)
RB6703	1-234-374-21	RES, NETWORK	470 (1005X4)
RB6800	1-234-381-11	RES, NETWORK	100K (1005X4)
RB7301	1-234-372-11	RES, NETWORK	100 (1005X4)
RB7302	1-234-372-11	RES, NETWORK	100 (1005X4)
RB9000	1-234-375-21	RES, NETWORK	1K (1005X4)
< SENSOR >			
* SE7750	1-487-961-11	SLANT SENSOR	
< TERMINAL >			
TB7381	(Not supplied)	TERMINAL, ANTENNA	
< VARISTOR >			
VDR670	1-802-090-21	VARISTOR, CHIP	
< VIBRATOR >			
X1000	(Not supplied)	QUARTZ CRYSTAL OSCILLATOR (12MHz)	
X5700	1-781-525-11	VIBRATOR, CRYSTAL (32.768kHz)	
X5701	1-814-304-11	VIBRATOR, CRYSTAL (12MHz)	

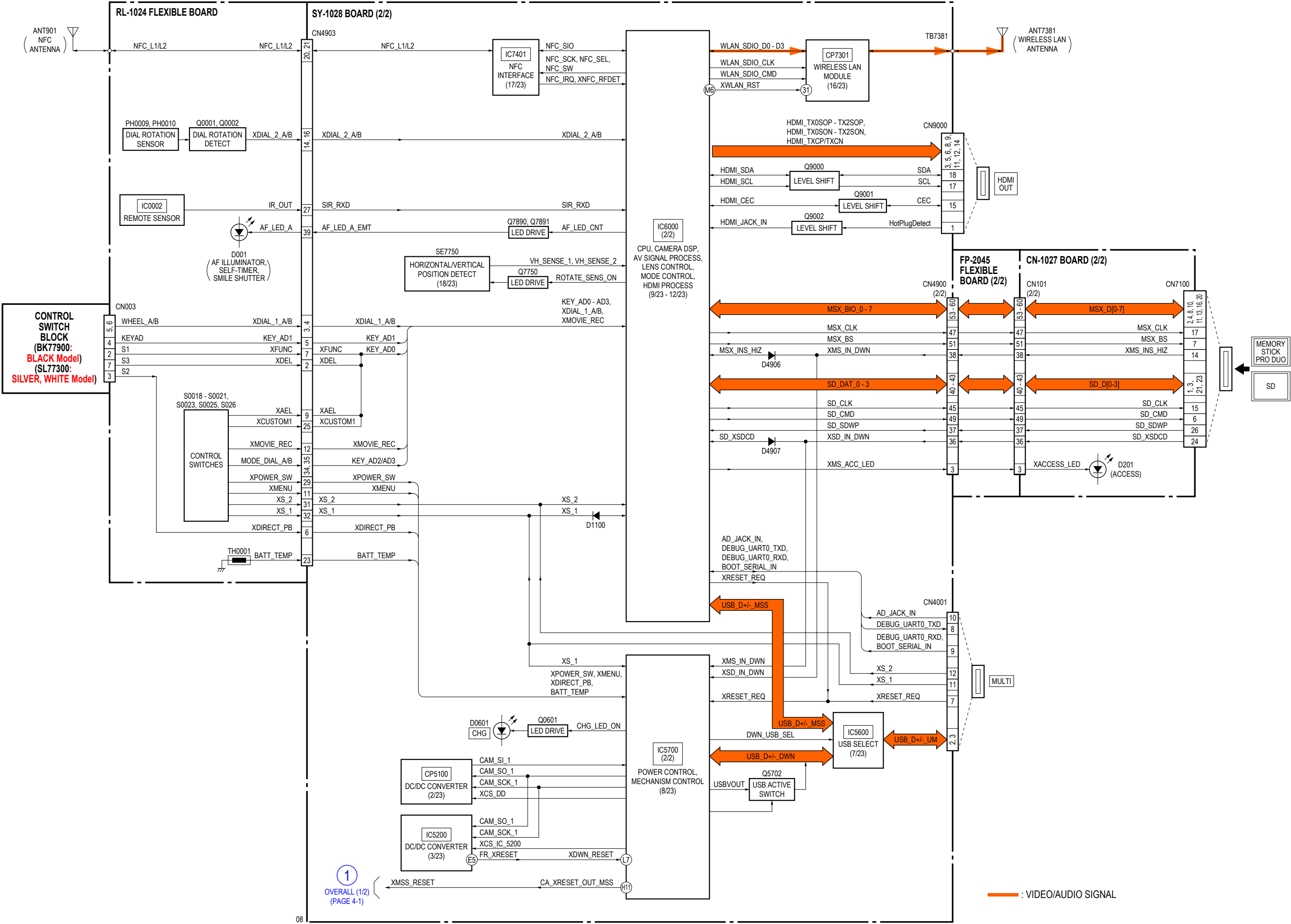


4. BLOCK DIAGRAMS

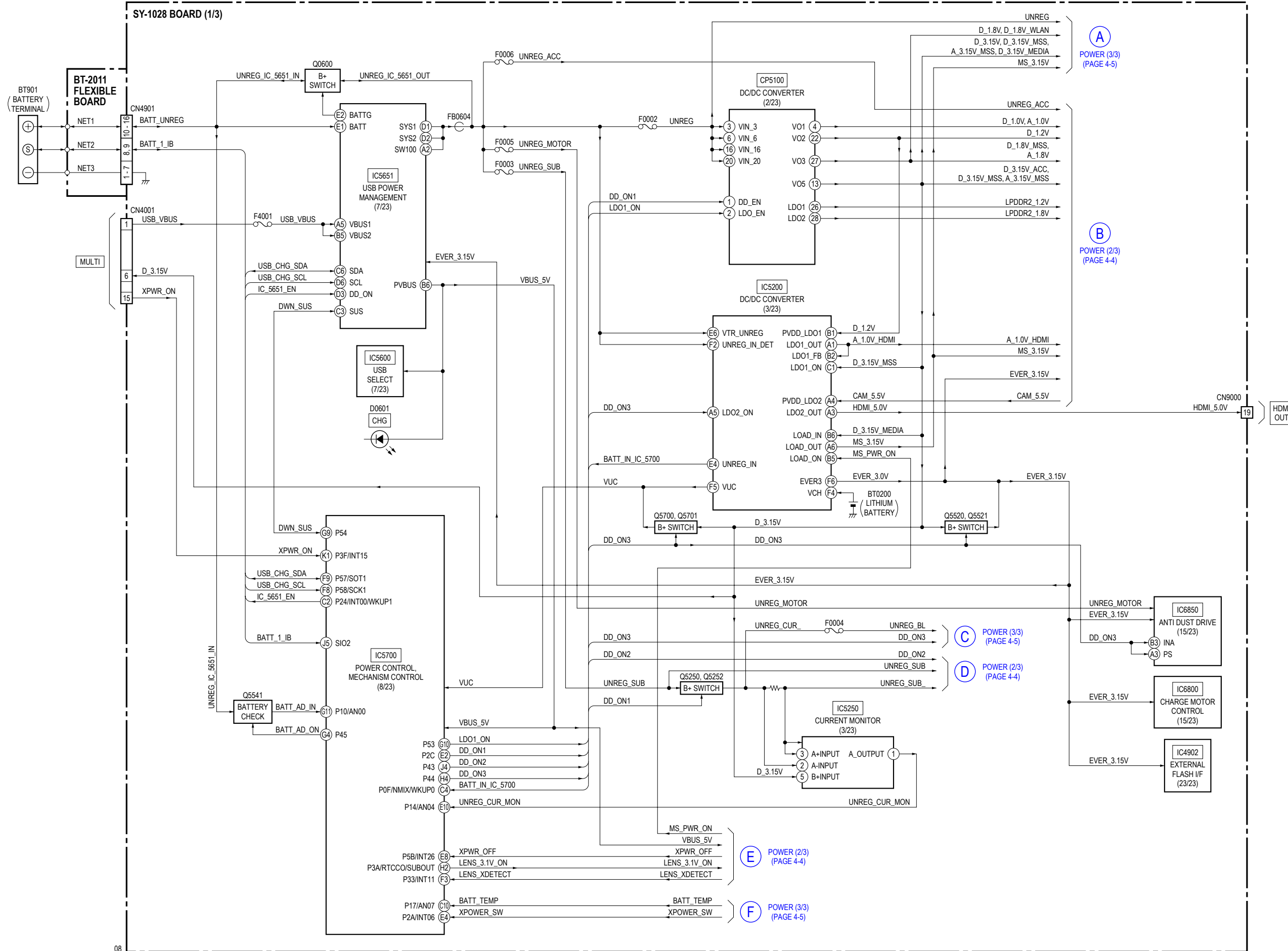
4-1. OVERALL BLOCK DIAGRAM (1/2) () : Number in parenthesis () indicates the division number of schematic diagram where the component is located.



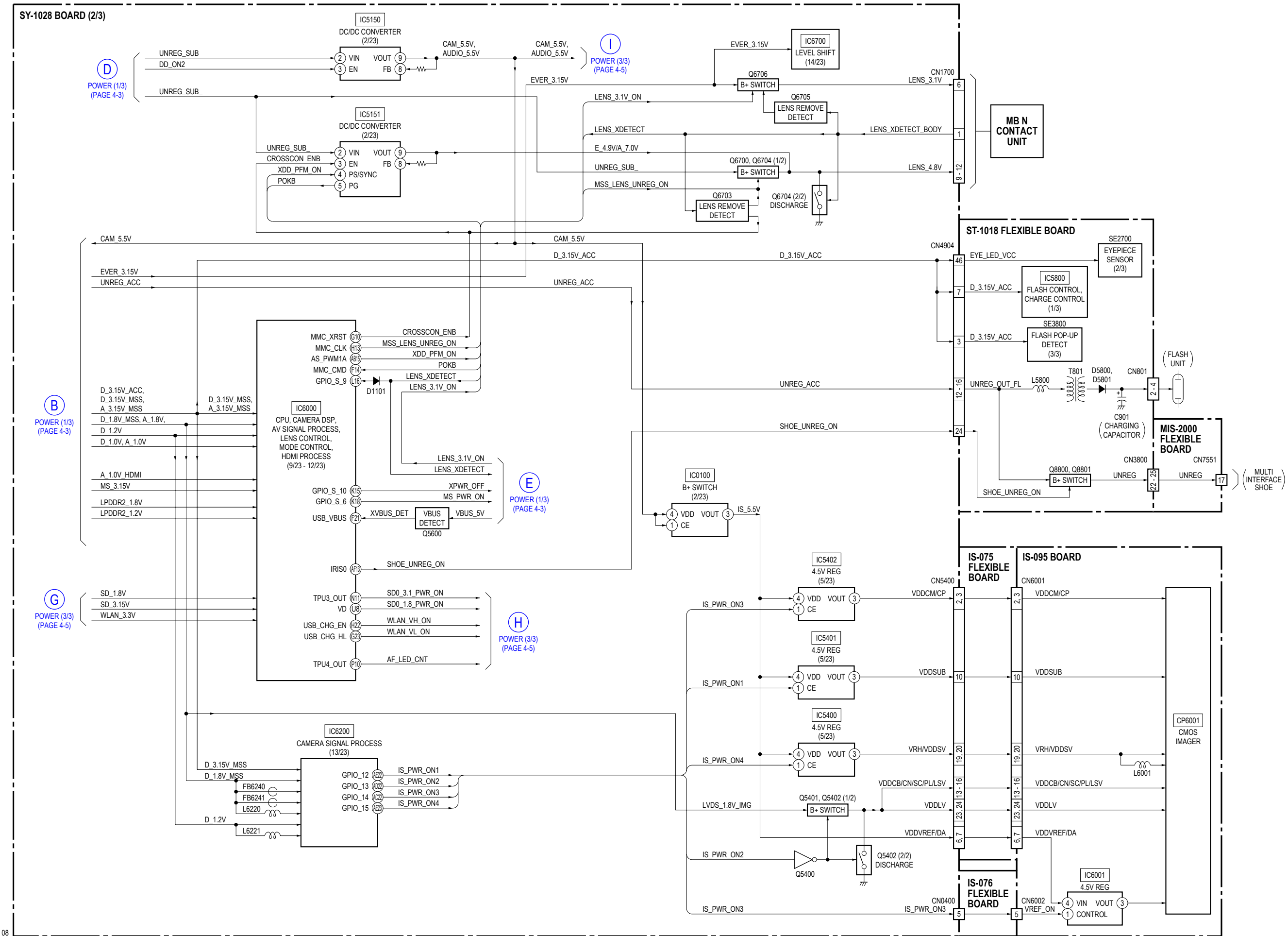
4-2. OVERALL BLOCK DIAGRAM (2/2) () : Number in parenthesis () indicates the division number of schematic diagram where the component is located.



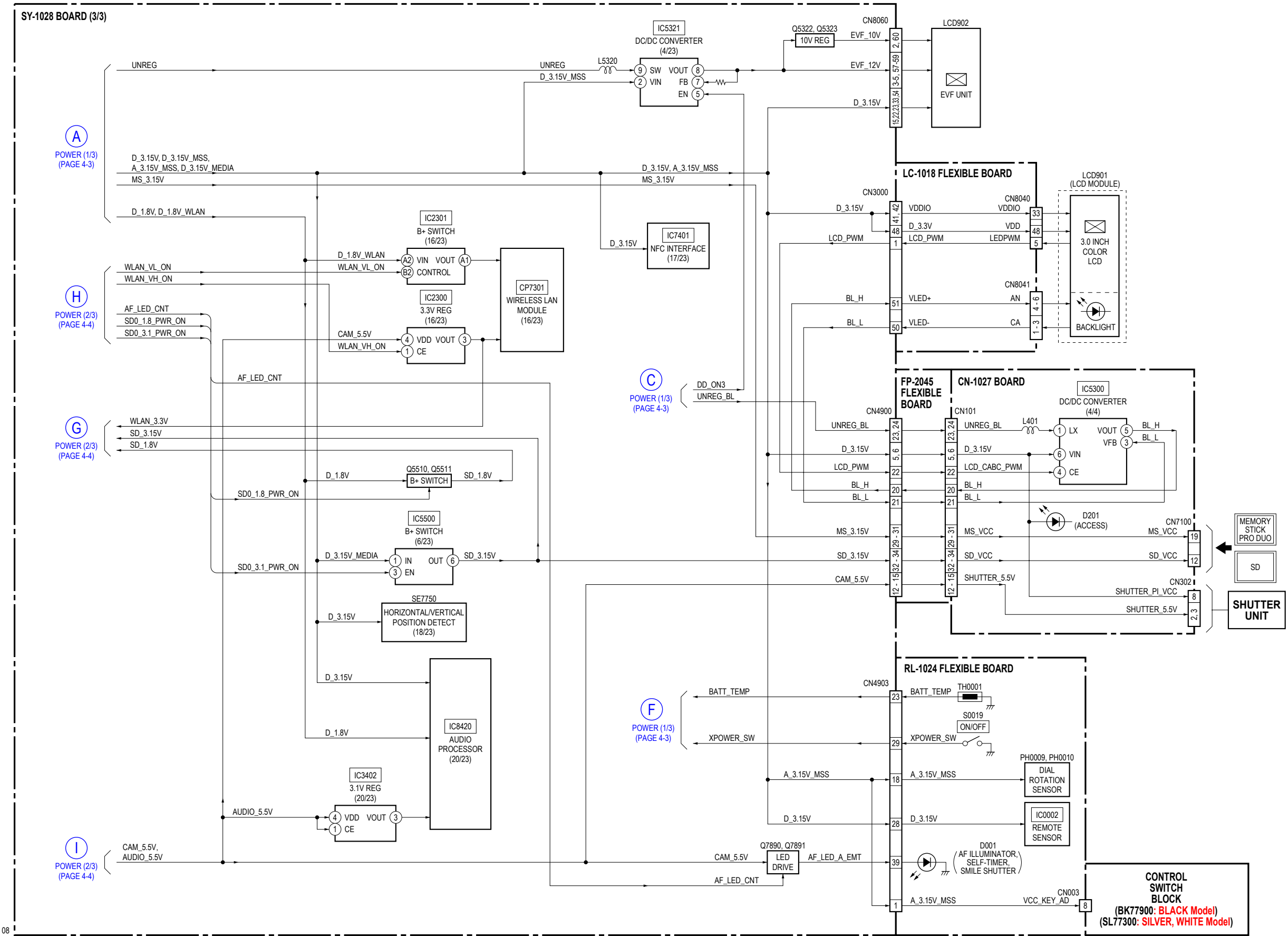
4-3. POWER BLOCK DIAGRAM (1/3) () : Number in parenthesis () indicates the division number of schematic diagram where the component is located.



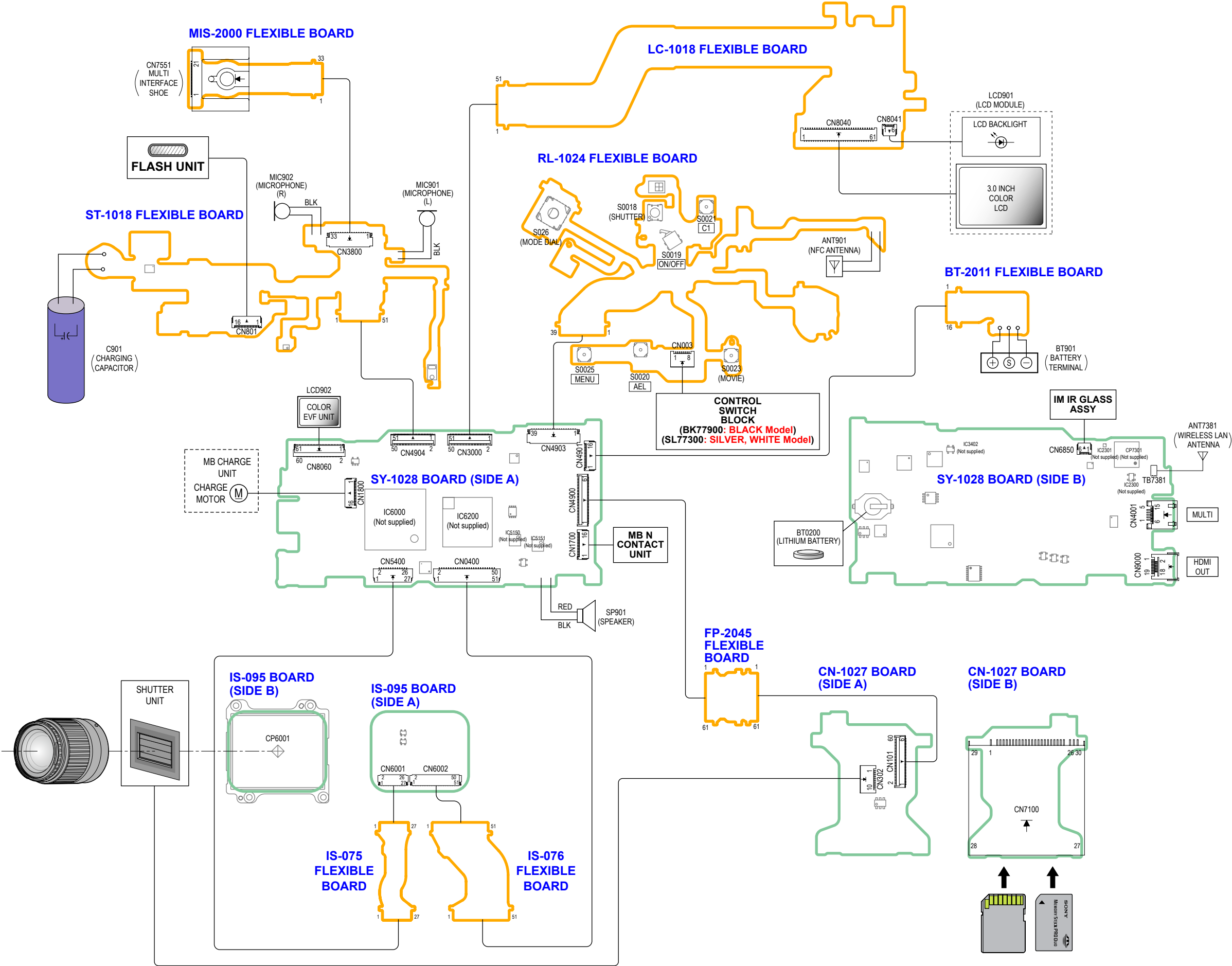
4-4. POWER BLOCK DIAGRAM (2/3) () : Number in parenthesis () indicates the division number of schematic diagram where the component is located.



4-5. POWER BLOCK DIAGRAM (3/3) () : Number in parenthesis () indicates the division number of schematic diagram where the component is located.



5. FRAME SCHEMATIC DIAGRAMS



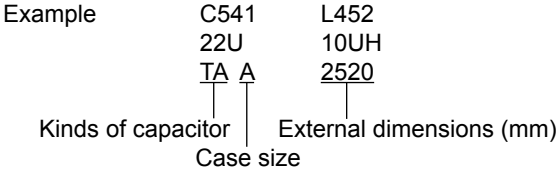
6. SCHEMATIC DIAGRAMS AND PRINTED WIRING BOARDS

– ENGLISH –

THIS NOTE IS COMMON FOR SCHEMATIC DIAGRAMS AND PRINTED WIRING BOARDS
(In addition to this, the necessary note is printed in each block)

For Schematic Diagrams

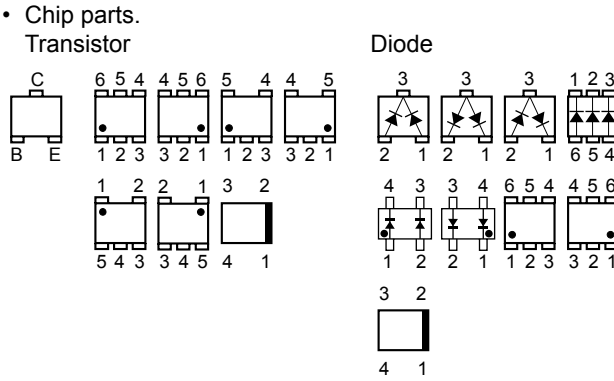
- All capacitors are in μF unless otherwise noted. pF : μF . 50 V or less are not indicated except for electrolytics and tantalums.
- Chip resistors are 1/10 W unless otherwise noted. $\text{k}\Omega=1000\ \Omega$, $\text{M}\Omega=1000\ \text{k}\Omega$.
- Caution when replacing chip parts.
New parts 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.



- 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.

For Printed Wiring Boards

- : Uses unleaded solder.
- : Circuit board
- : Flexible board
- : 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



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 Δ or dotted line with mark Δ are critical for safety.
Replace only with part number specified.

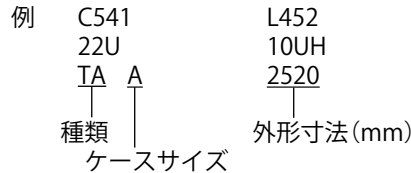
Les composants identifiés par une marque Δ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

– JAPANESE –

回路図, プリント図共通ノート
(他に必要なノートは各セクションに記載しています)

回路図ノート

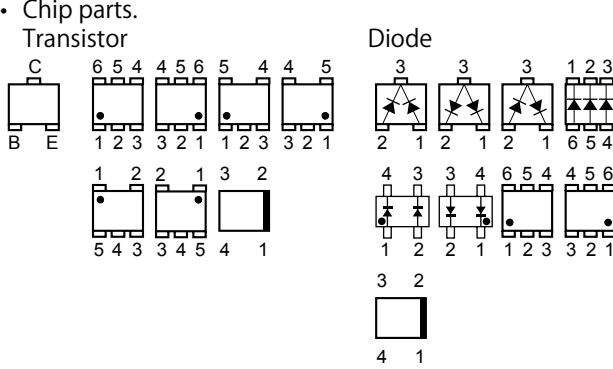
- ケミコン, タンタルを除くコンデンサで, 耐圧50V以下のものはその耐圧を省略。単位はすべて μF (pはpF)。
- チップ抵抗で指示のないものは, 1/10W以下。
 $\text{k}\Omega=1000\ \Omega$, $\text{M}\Omega=1000\ \text{k}\Omega$
- チップ部品交換時の注意
取り外した部品は再使用せず, 未使用の部品をご使用ください。
タンタルコンデンサのマイナス側は熱に弱いため注意してください。
- チップ部品には下記のように表示したものがあります。



- 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。

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。



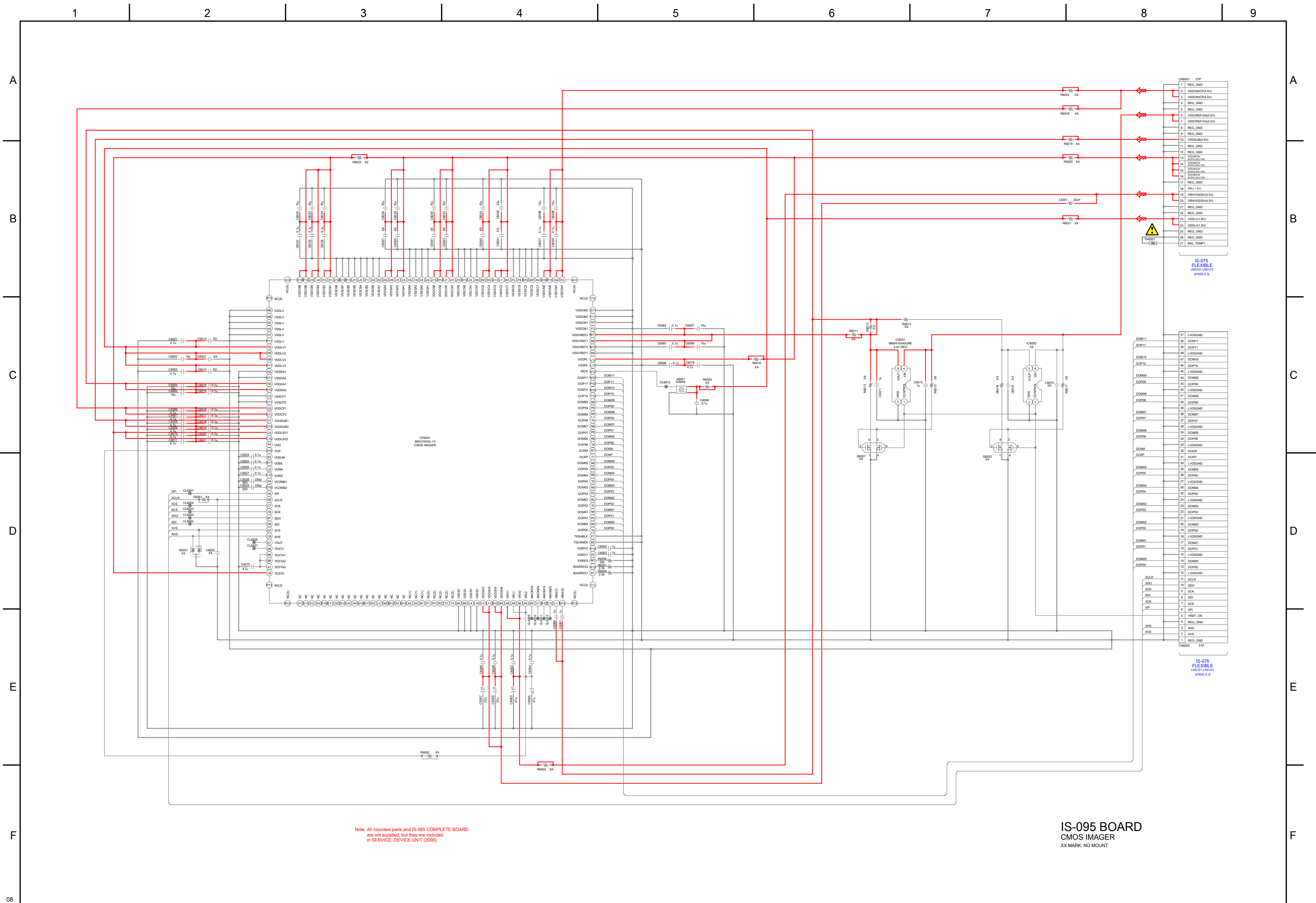
イメージ交換時の注意

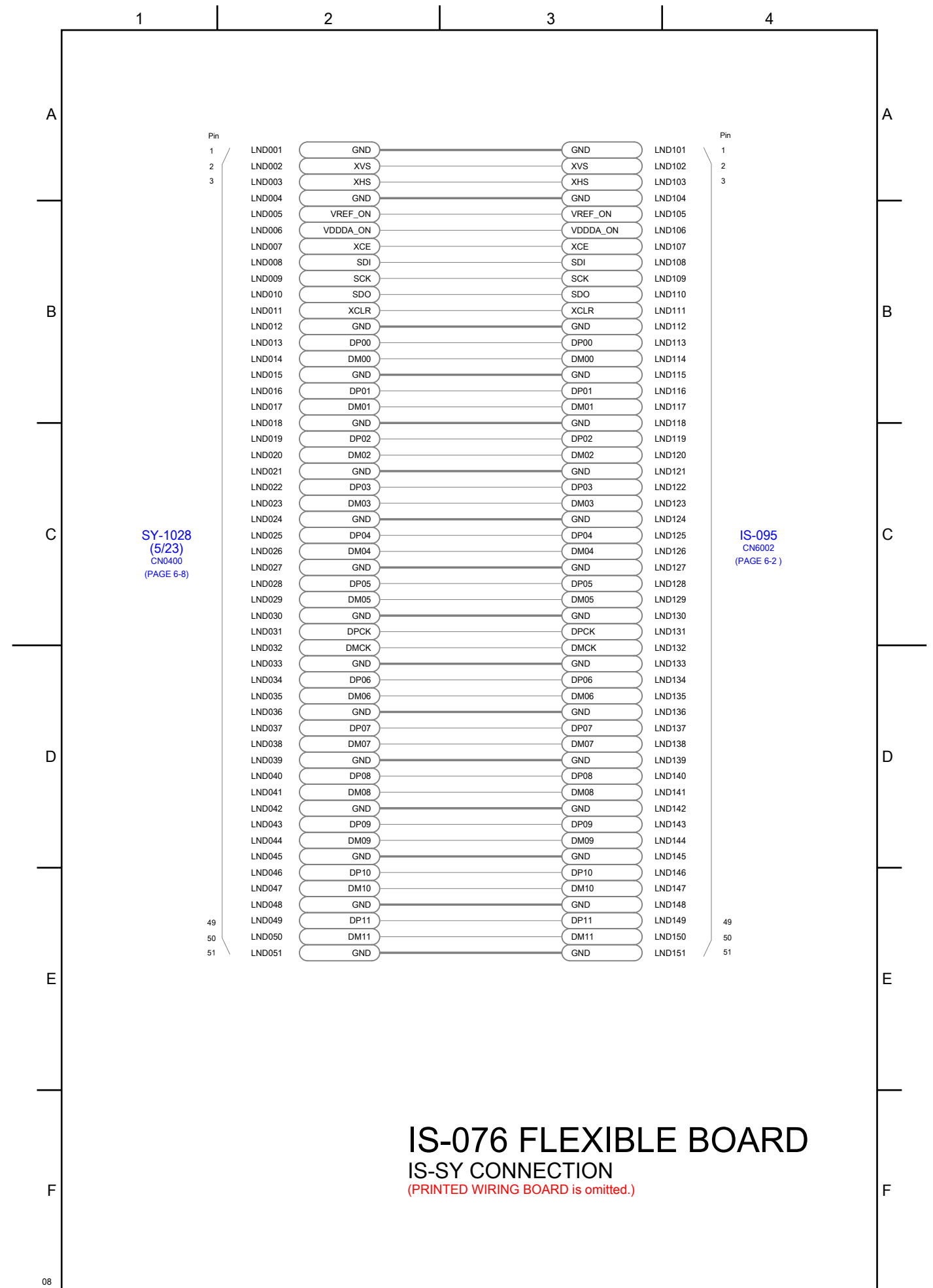
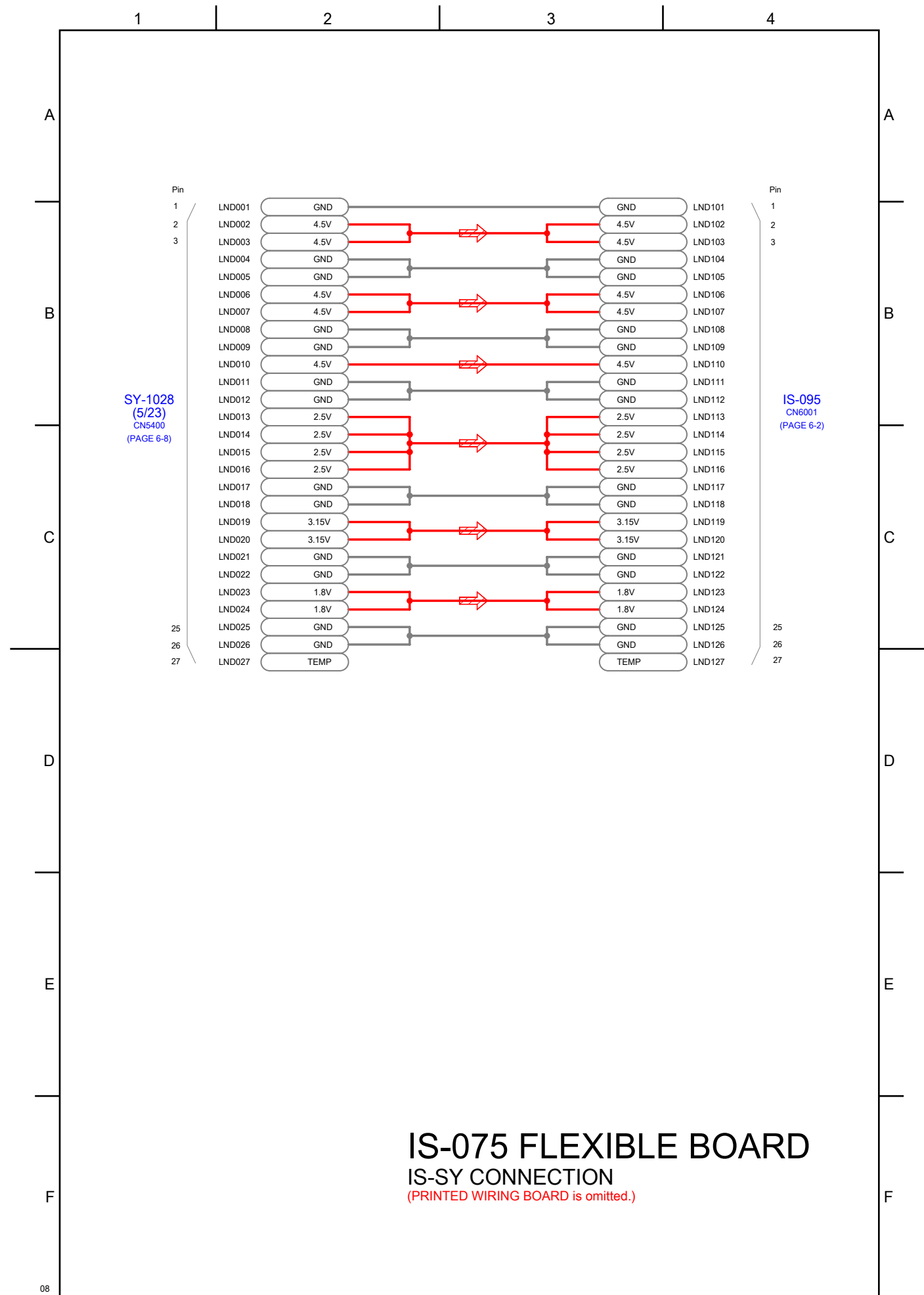
- イメージャを交換した場合は, カメラ部の全調整を行ってください。
- イメージャは構造上, 静電気により破壊される恐れがあるため, MOS ICと同様に注意して取り扱ってください。
また, 受光部にはゴミの付着, および強い光はいることのないように注意してください。

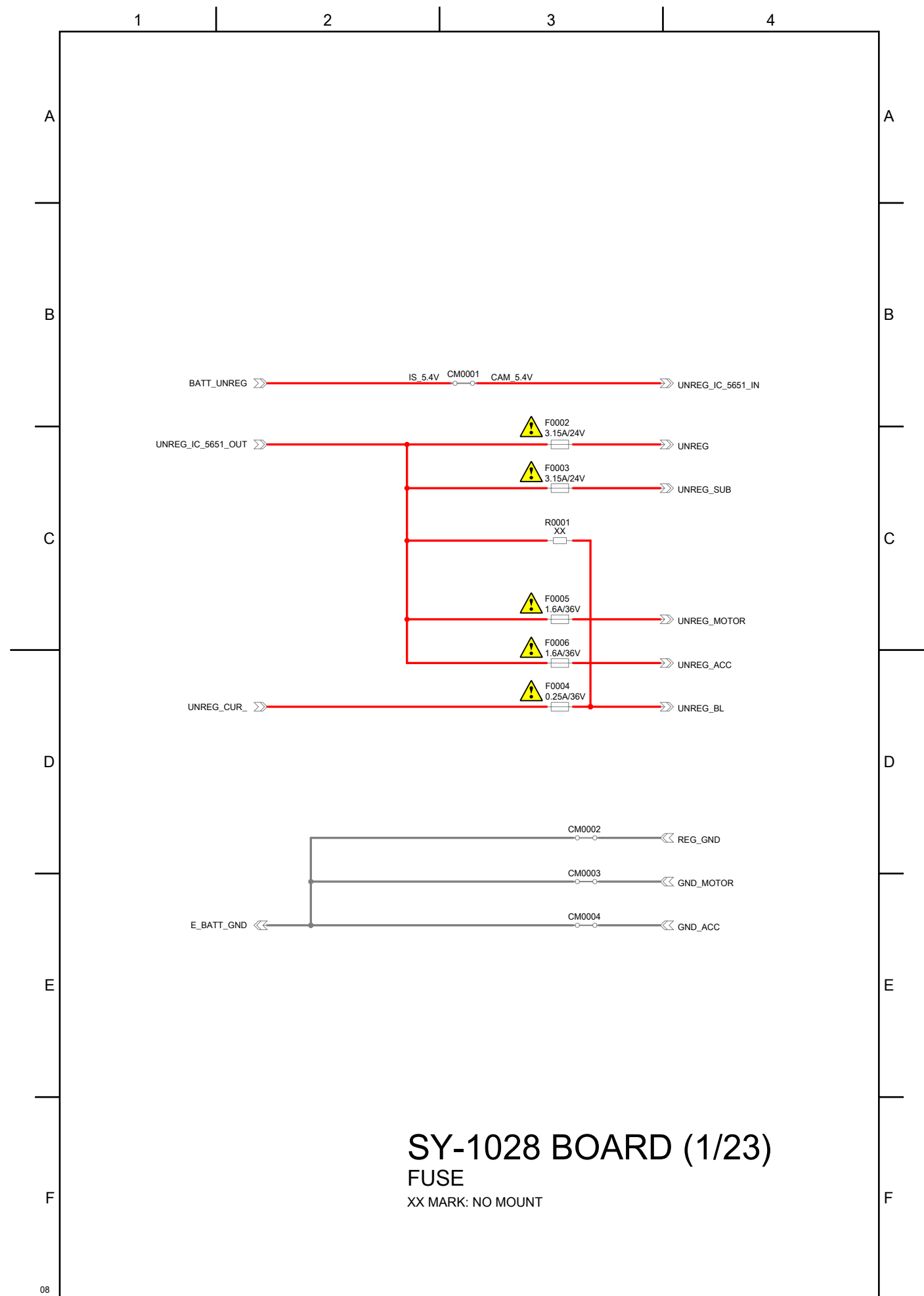
— お願い —
図面番号で部品を指定するときは基板名又はブロックを併せて指定してください。

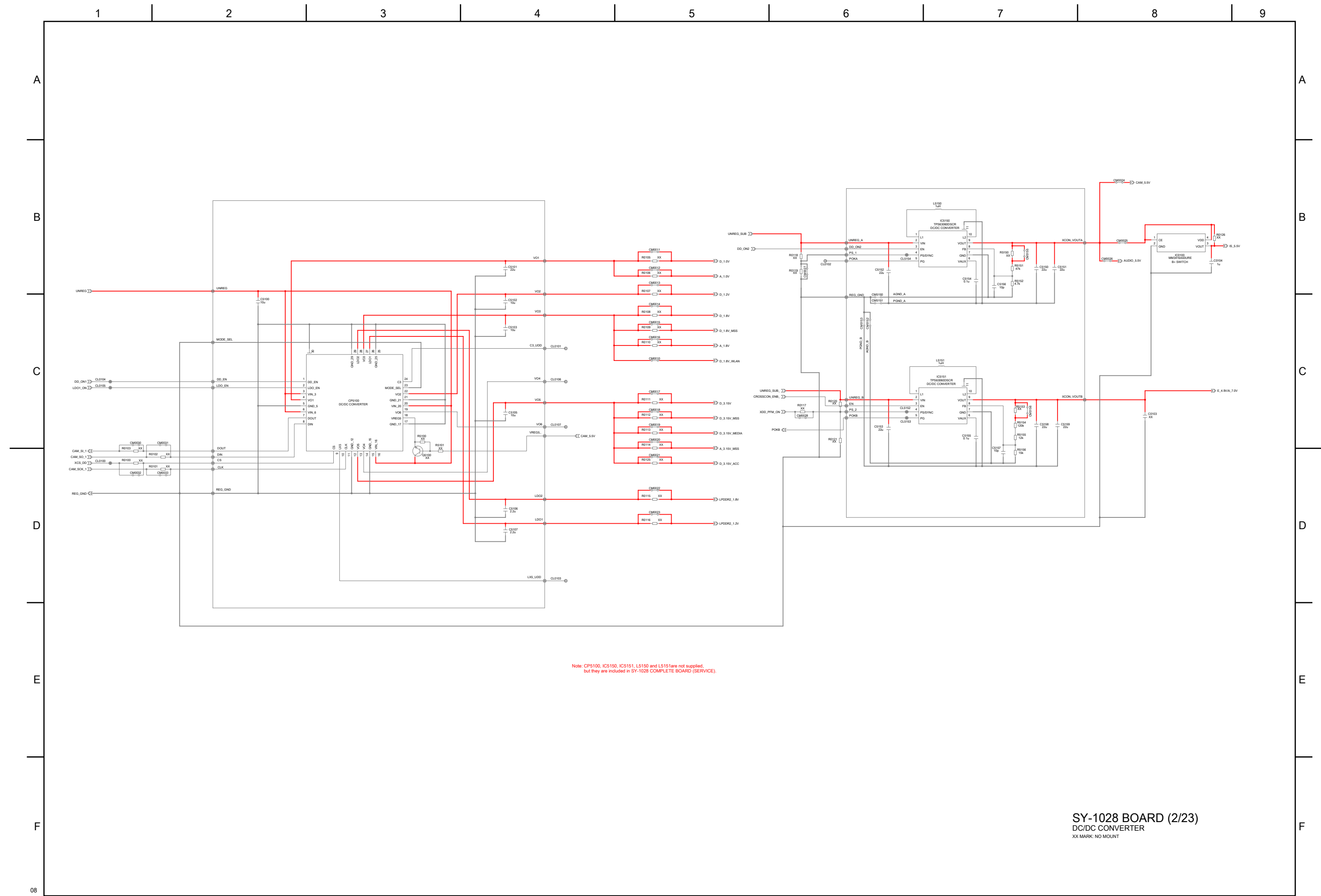
Δ 印の部品, または Δ 印付の点線で囲まれた部品は, 安全性を維持するために, 重要な部品です。
従って交換時は, 必ず指定の部品を使用してください。

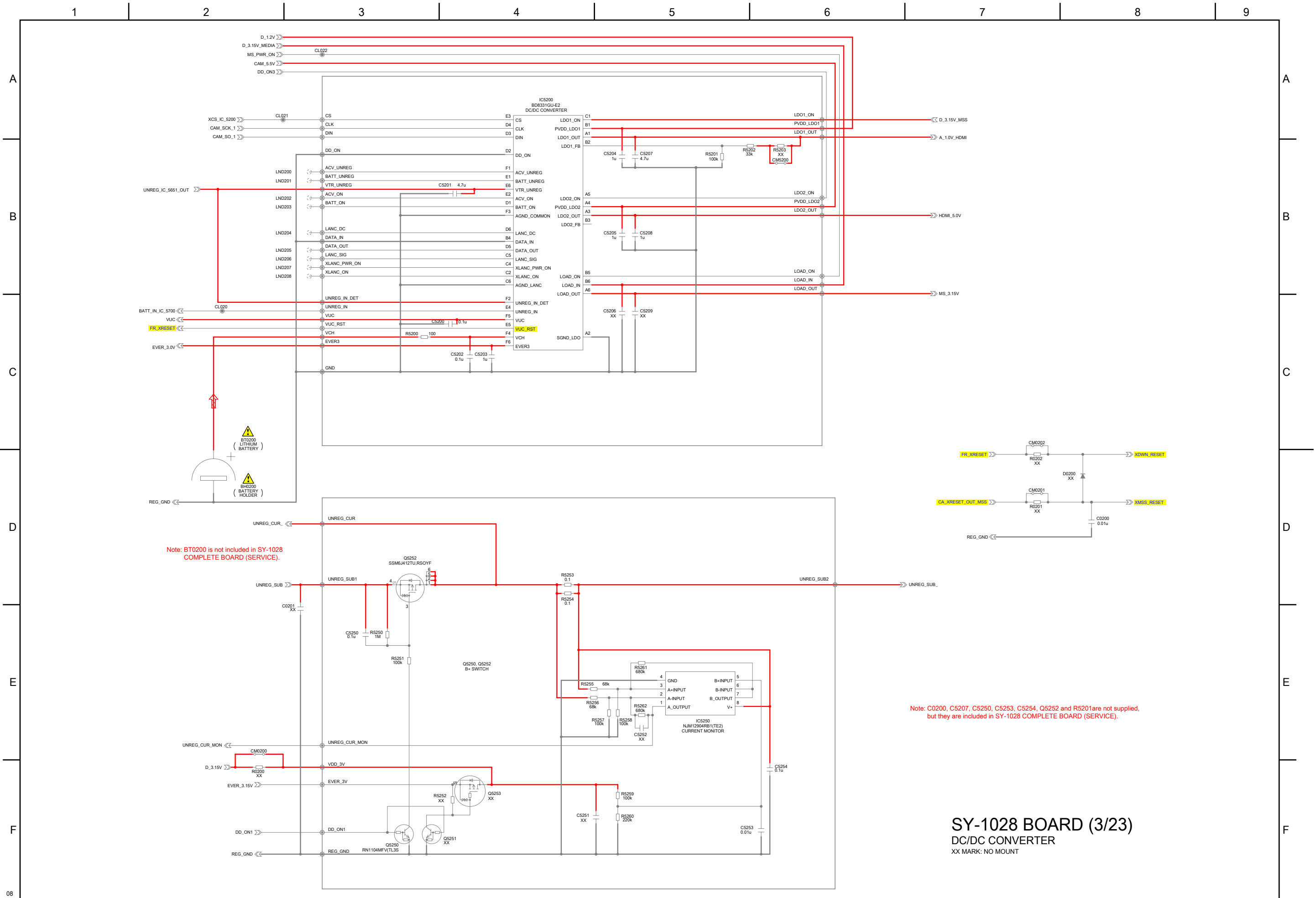
6-1. SCHEMATIC DIAGRAMS

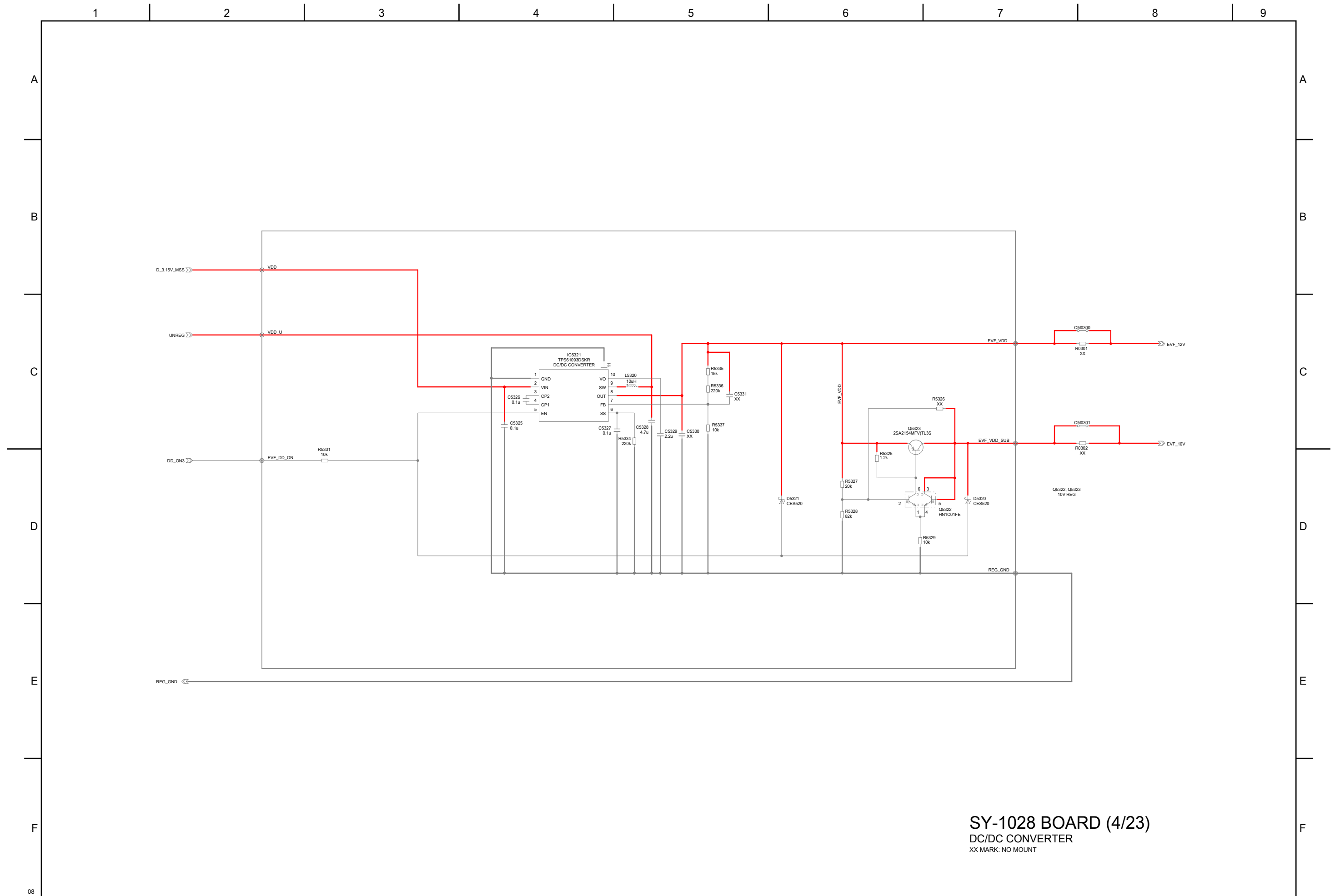


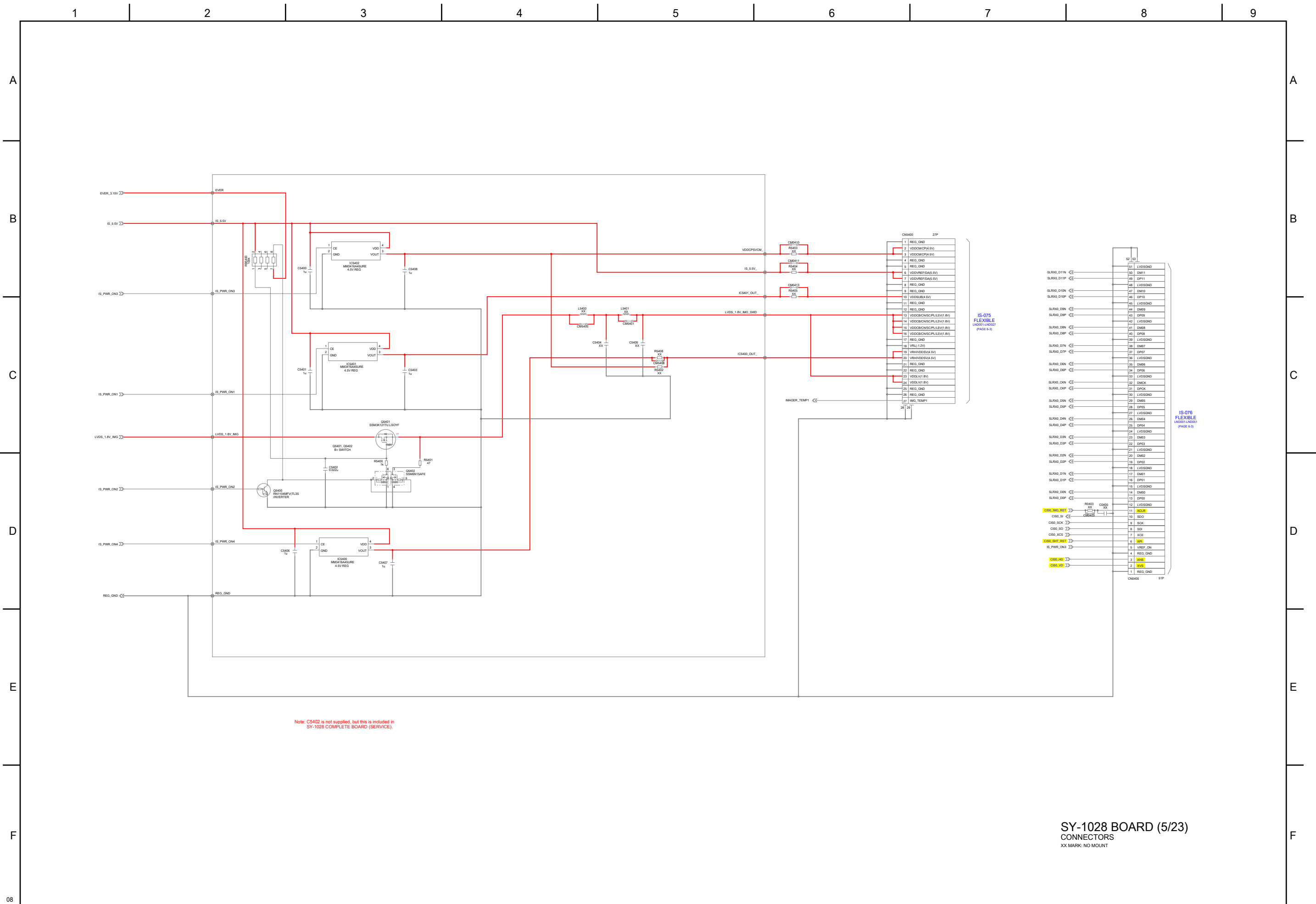


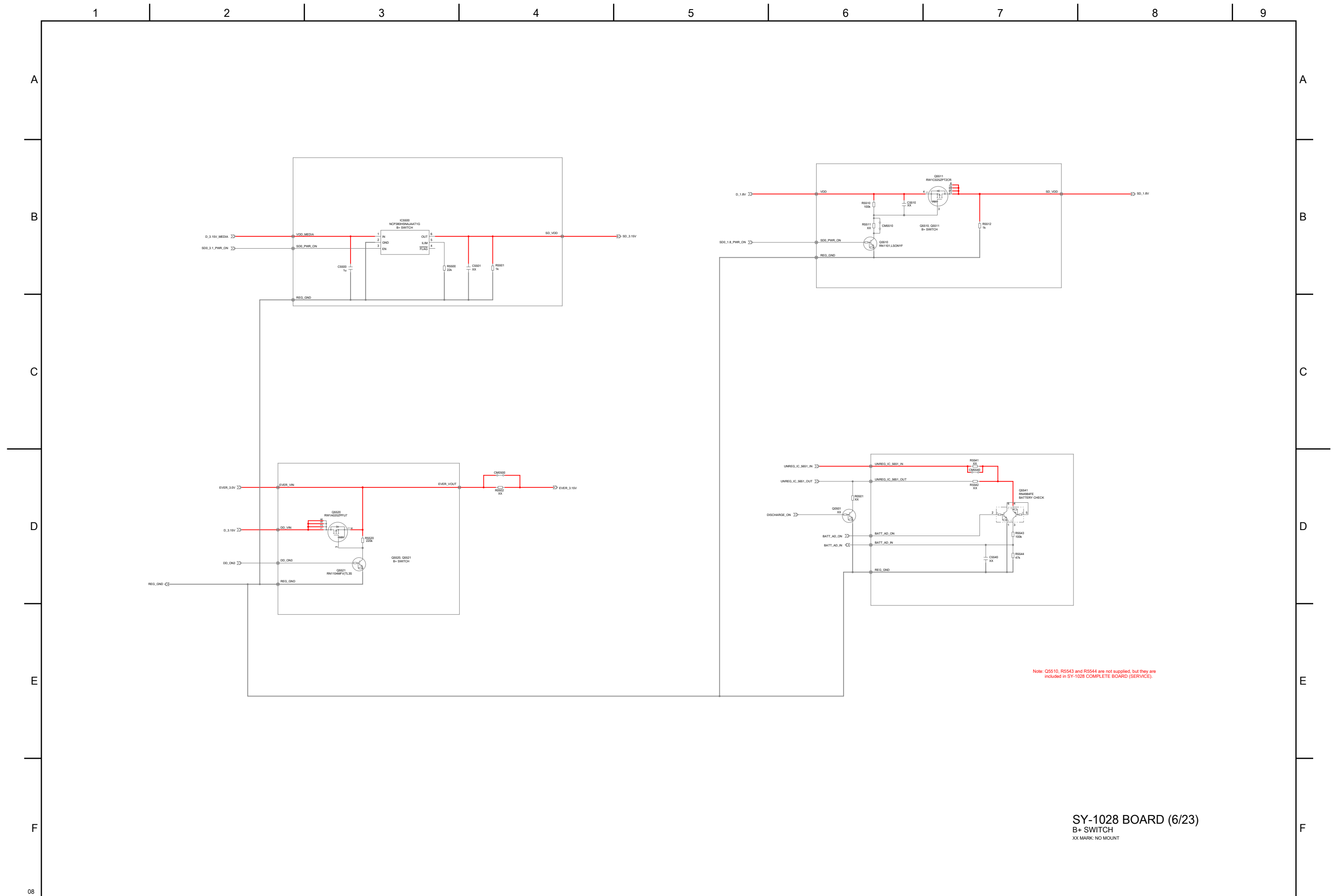


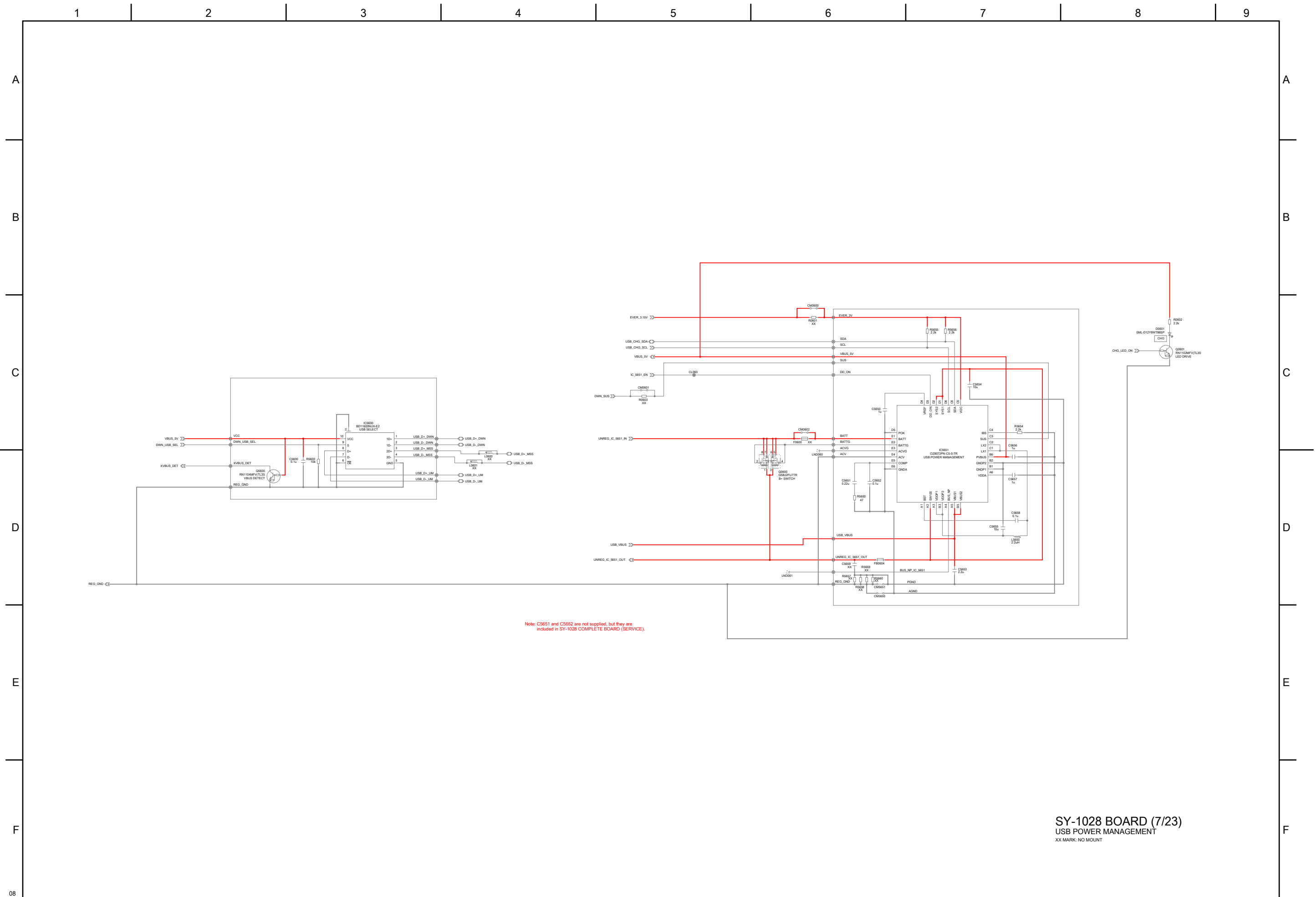


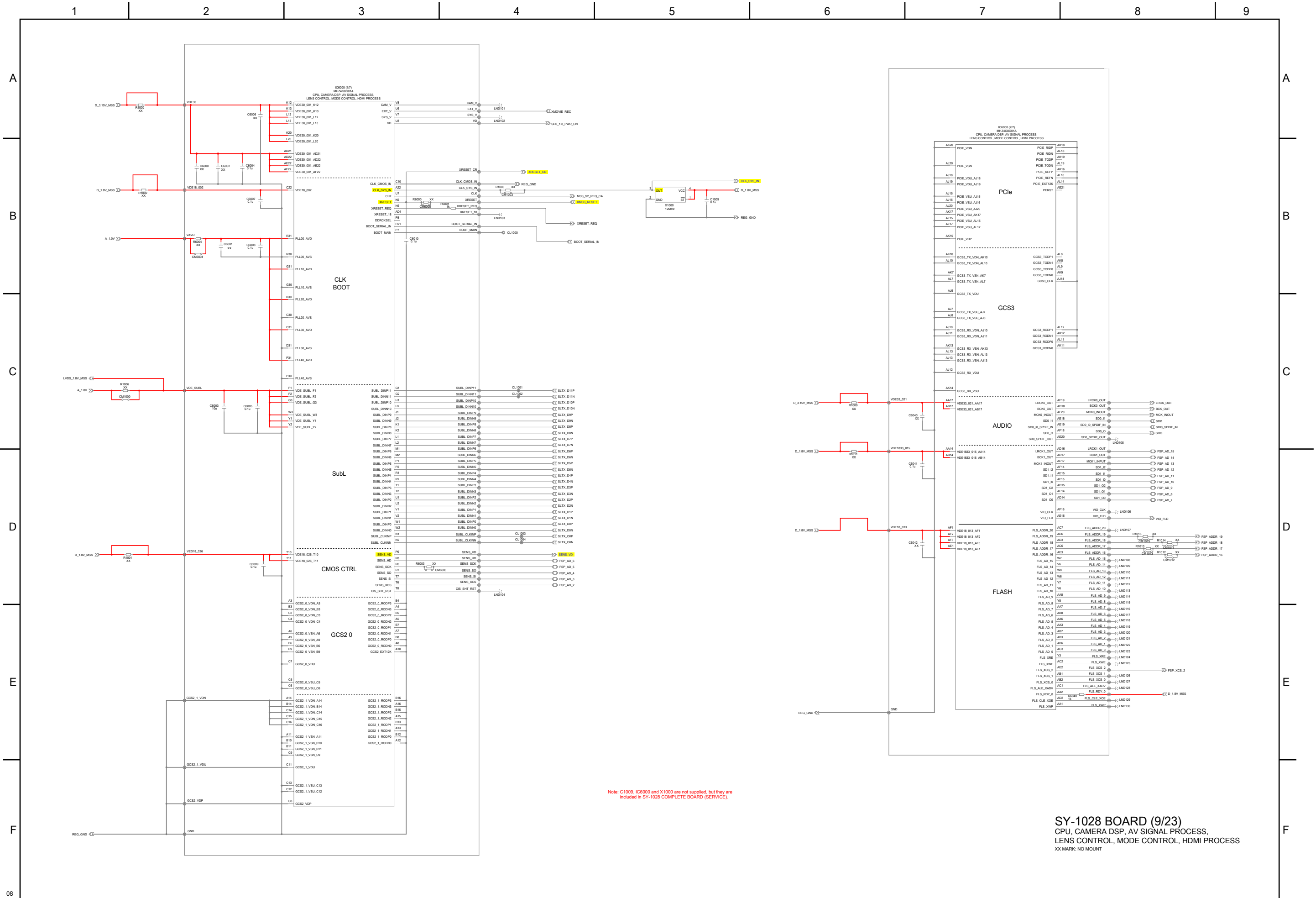


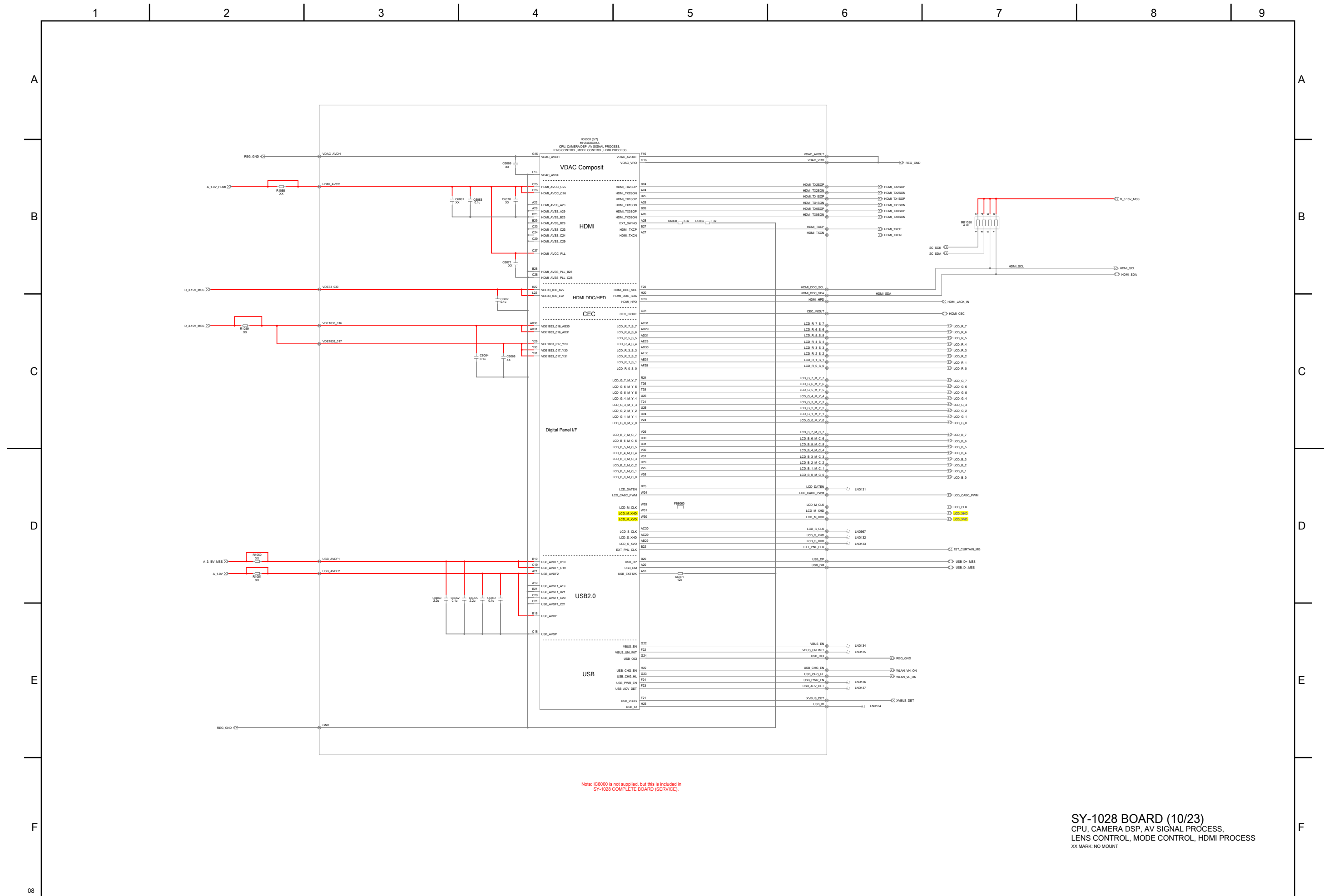


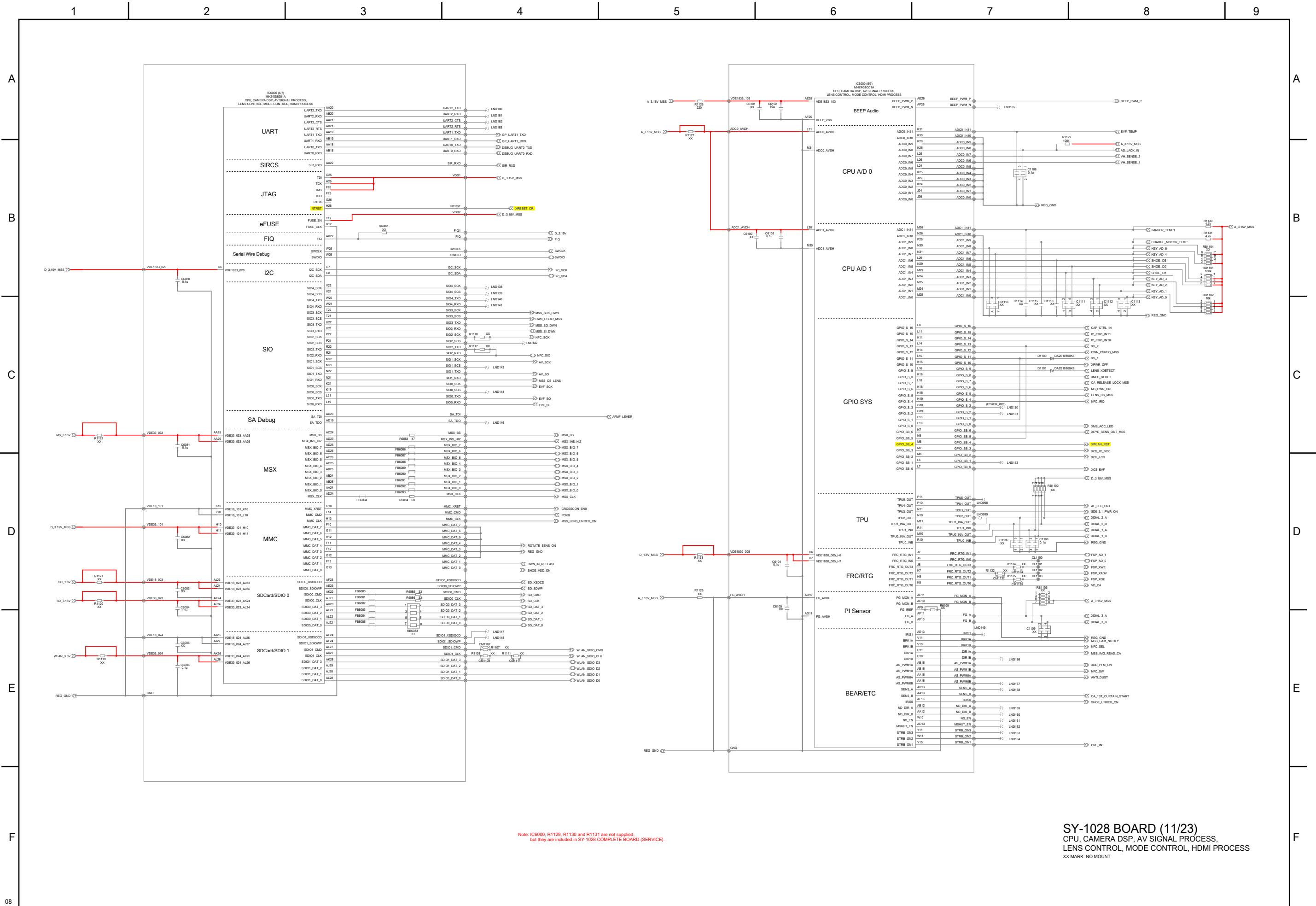




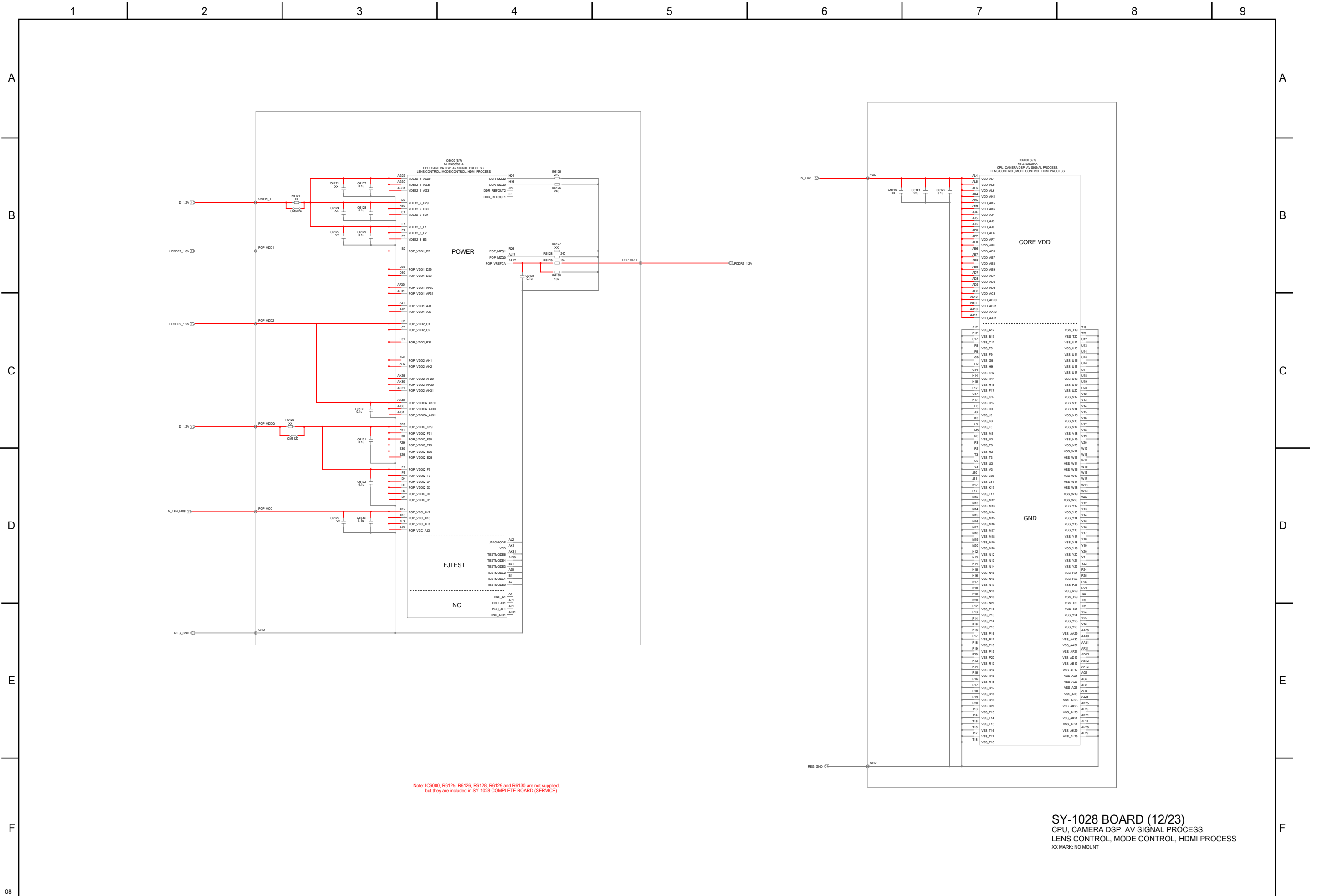








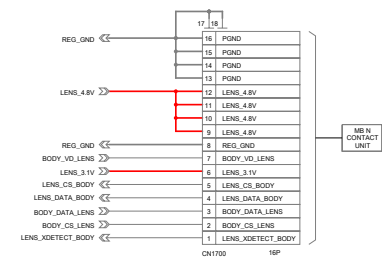
SY-1028 BOARD (11/23)
CPU, CAMERA DSP, AV SIGNAL PROCESS,
LENS CONTROL, MODE CONTROL, HDMI PROCESS
XX MARK: NO MOUNT



Note: C6208, C6209, C6210, C6220, C6221, C6230, C6235, C6236, C6240, C6242 and IC6200 are not supplied, but they are included in SY-1028 COMPLETE BOARD (SERVICE).

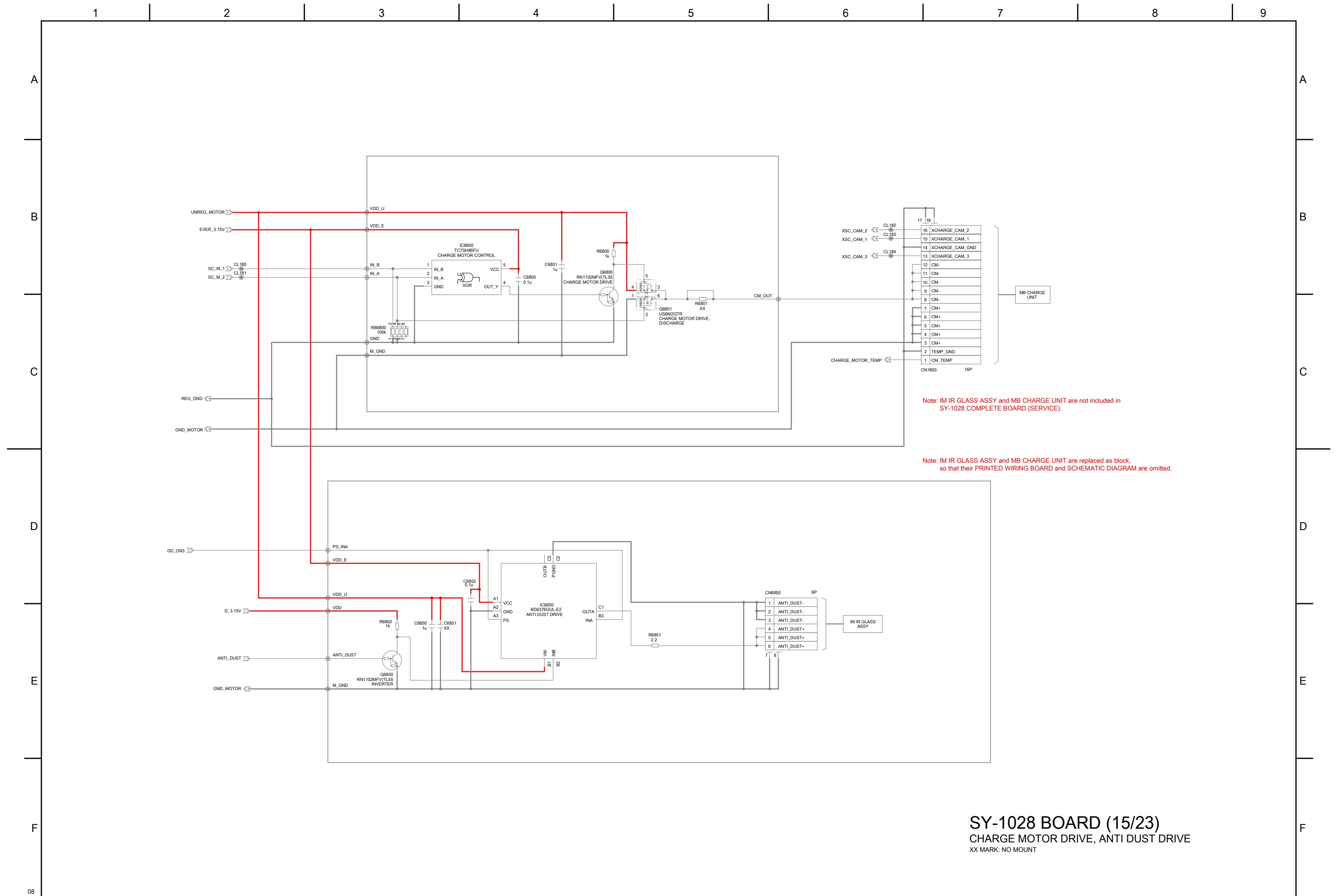
SY-1028 BOARD (13/23)
CAMERA SIGNAL PROCESS
XX MARK: NO MOUNT

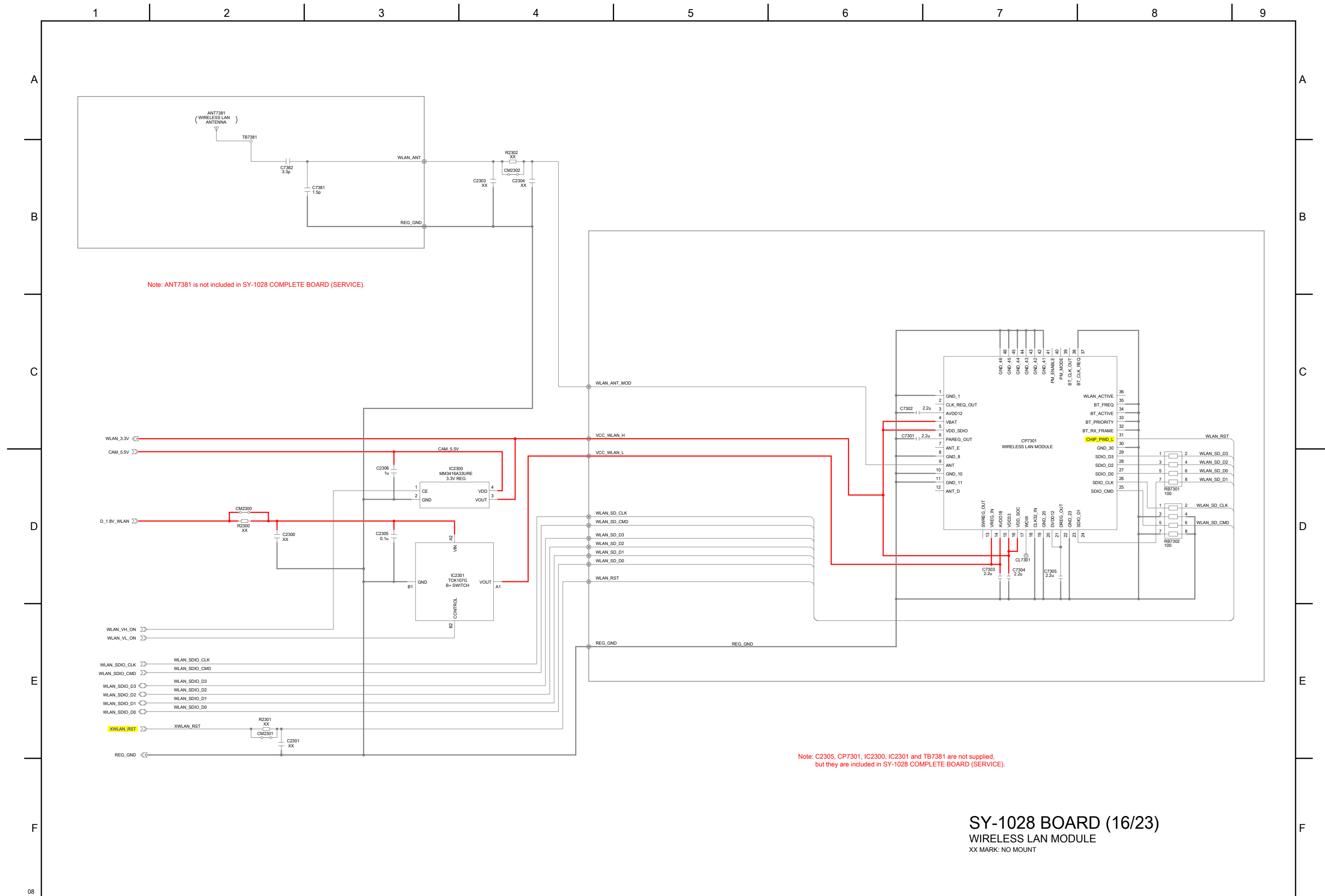
Note: C6702 is not supplied, but this is included in SY-1028 COMPLETE BOARD (SERVICE).

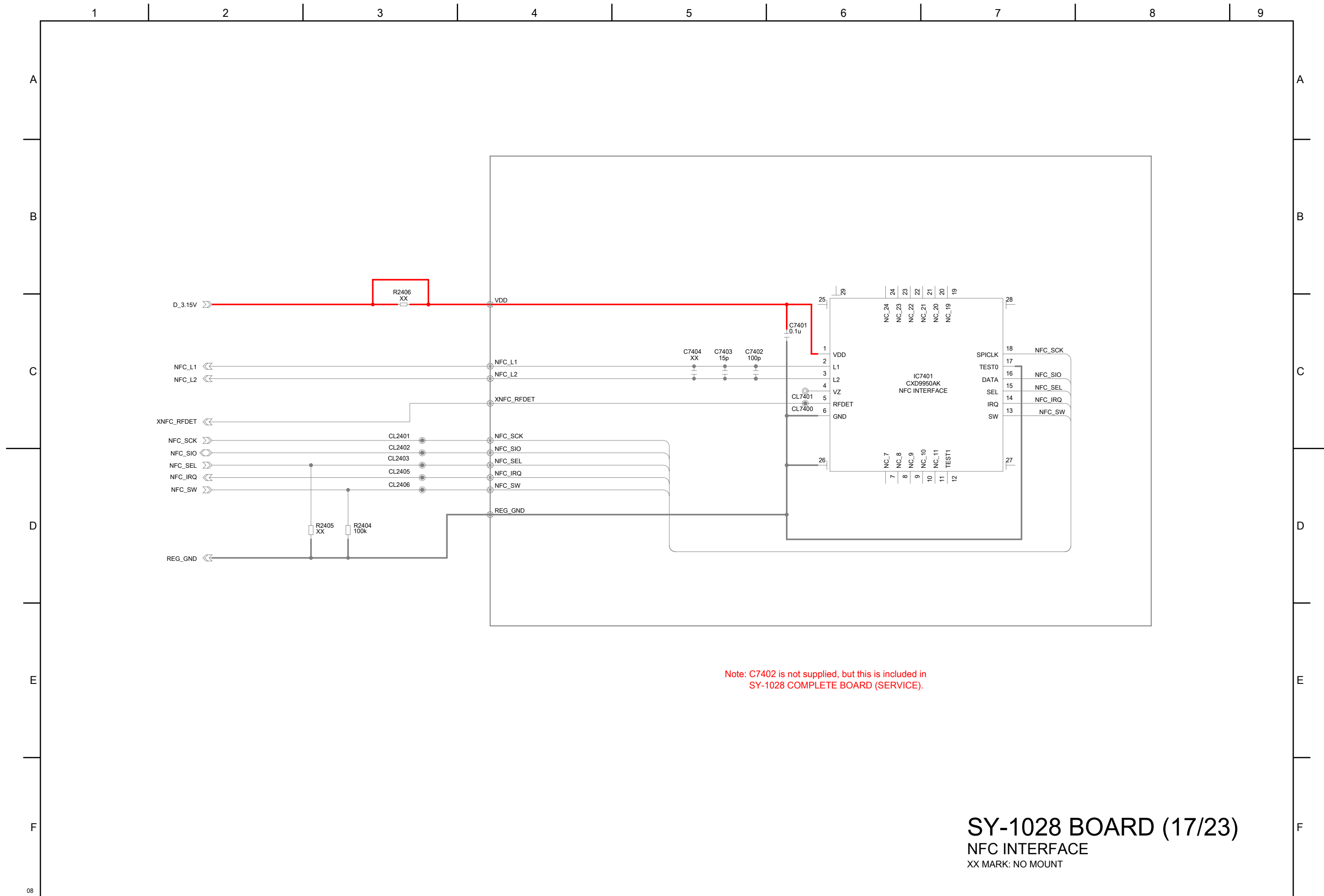


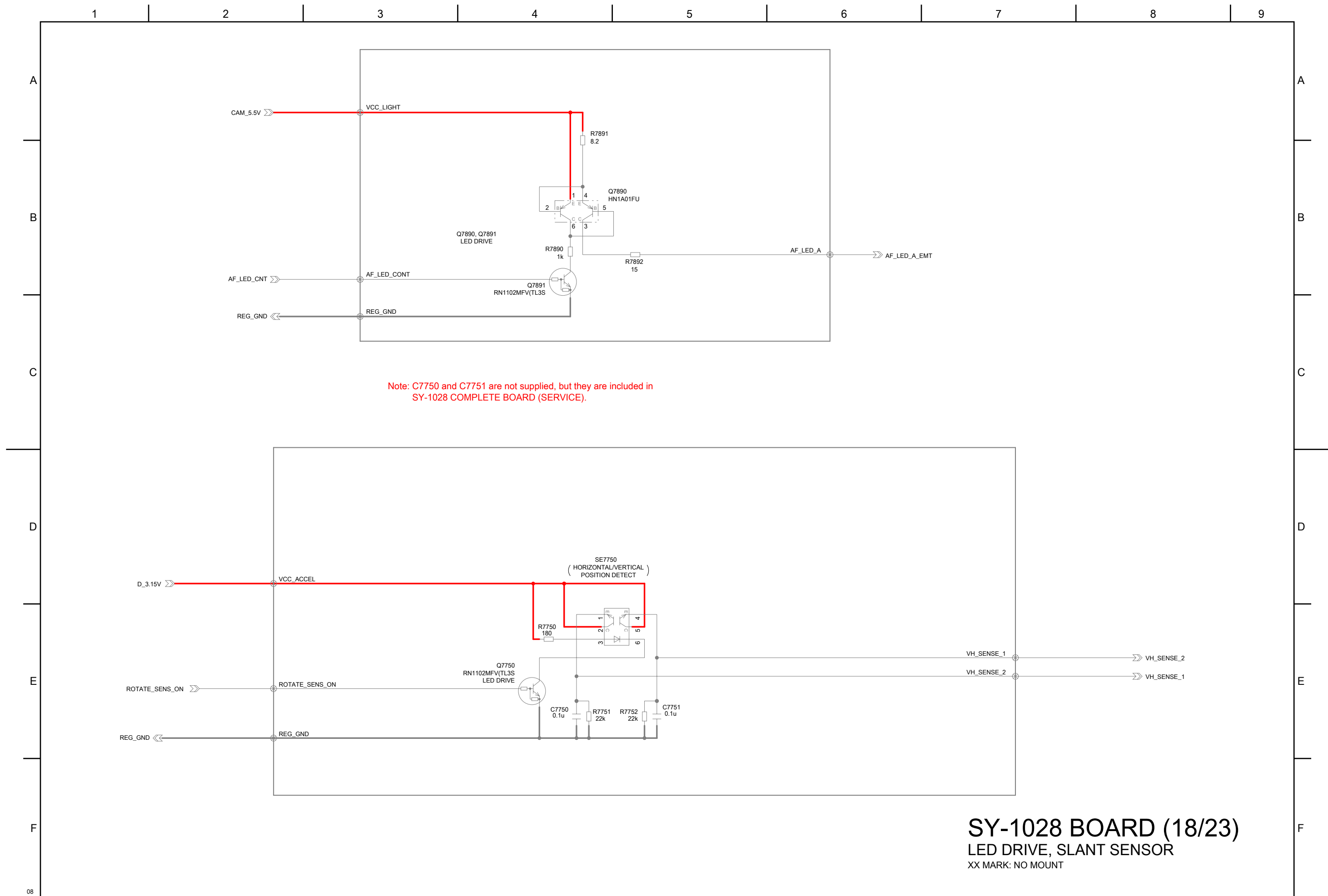
Note: MB N CONTACT UNIT is not included in SY-1028 COMPLETE BOARD (SERVICE).

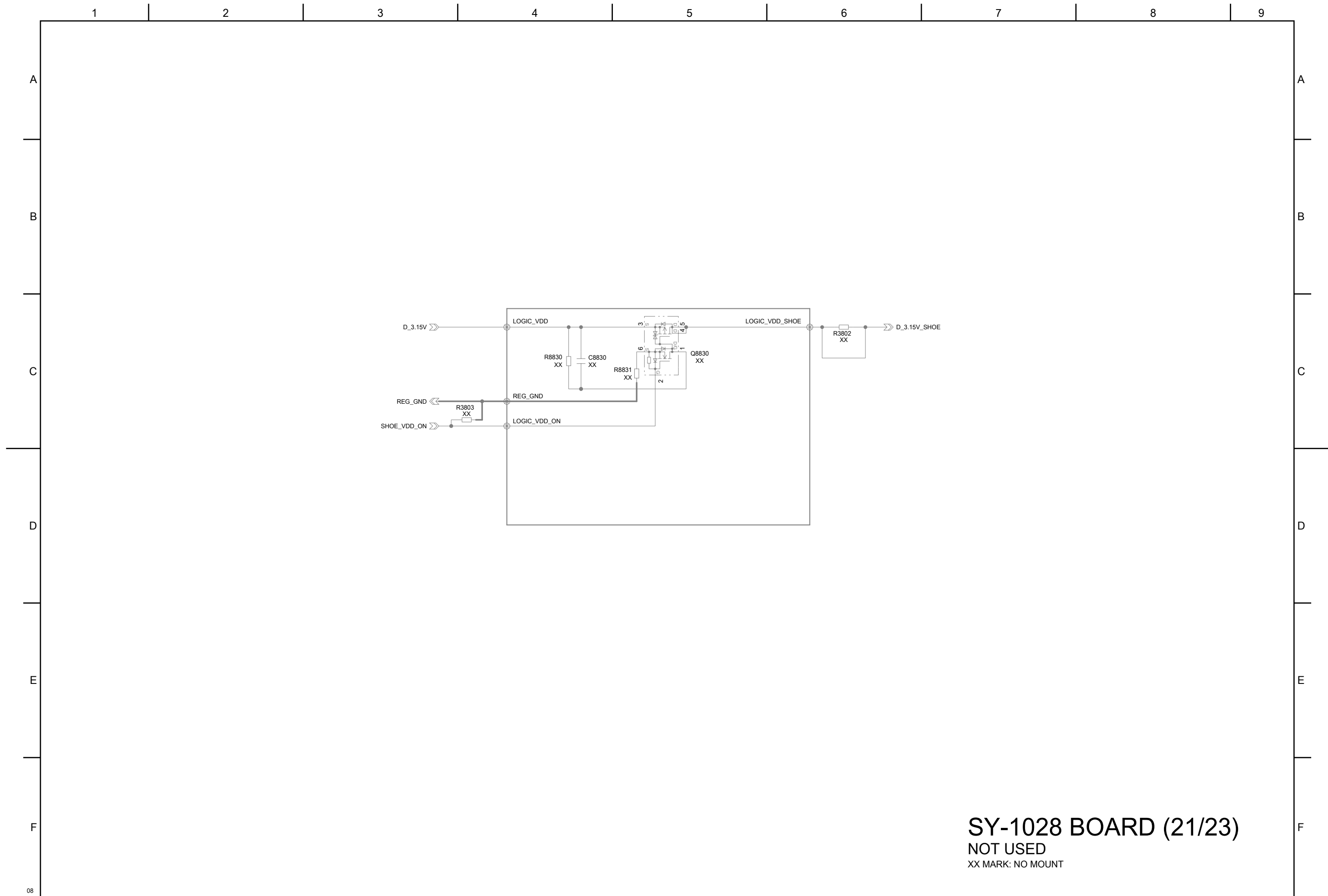
SY-1028 BOARD (14/23)
LENS INTERFACE
XX MARK: NO MOUNT

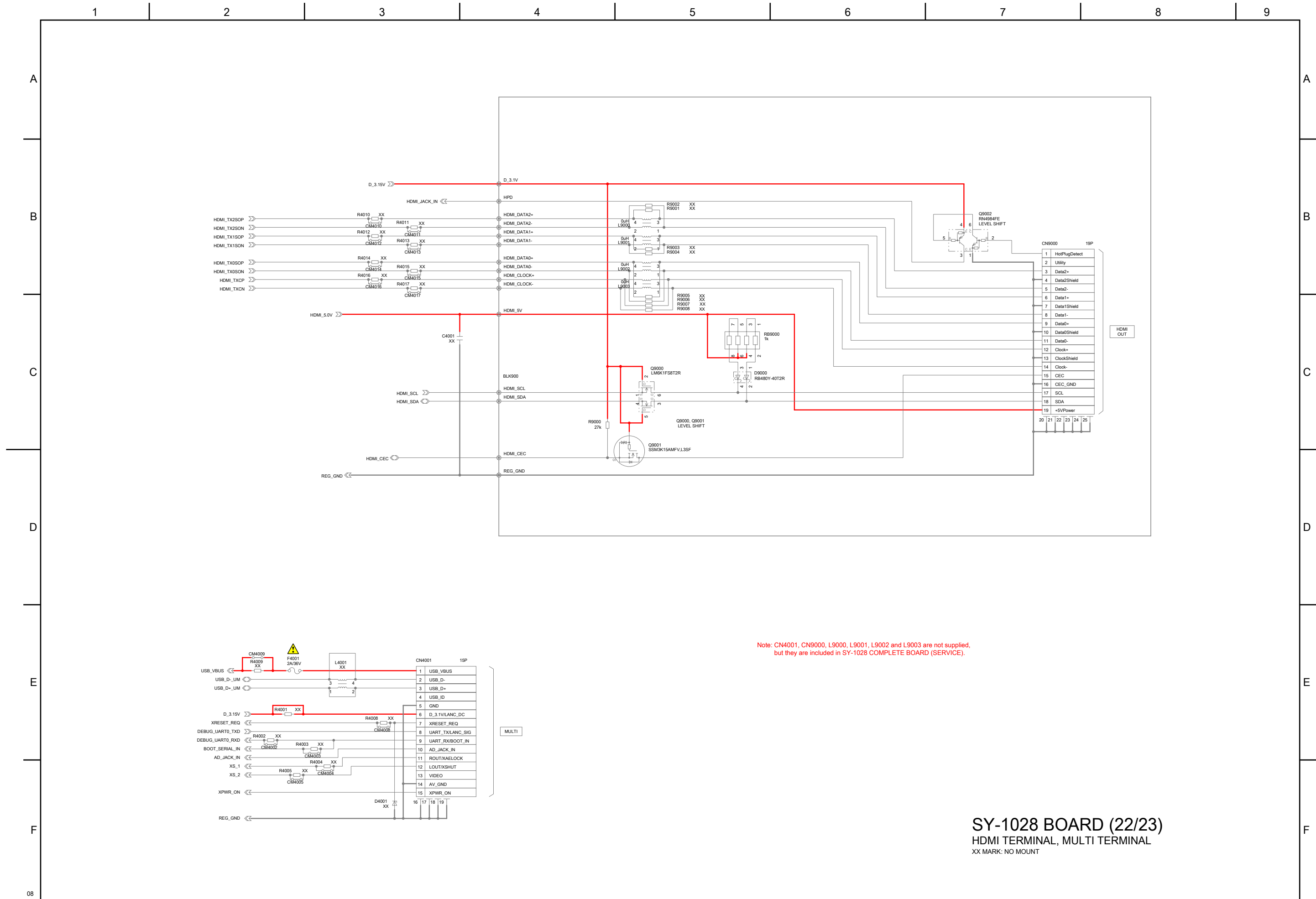


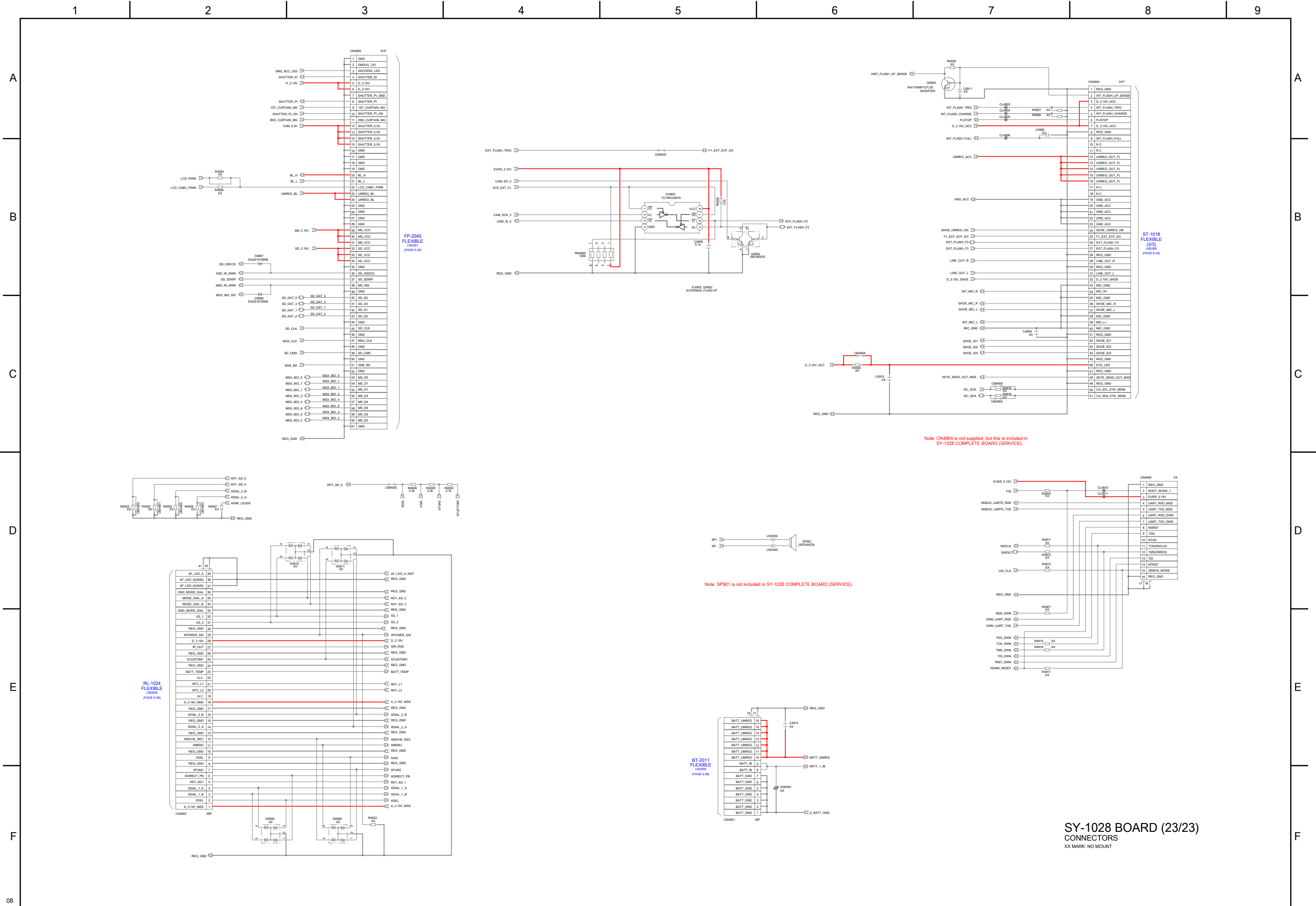


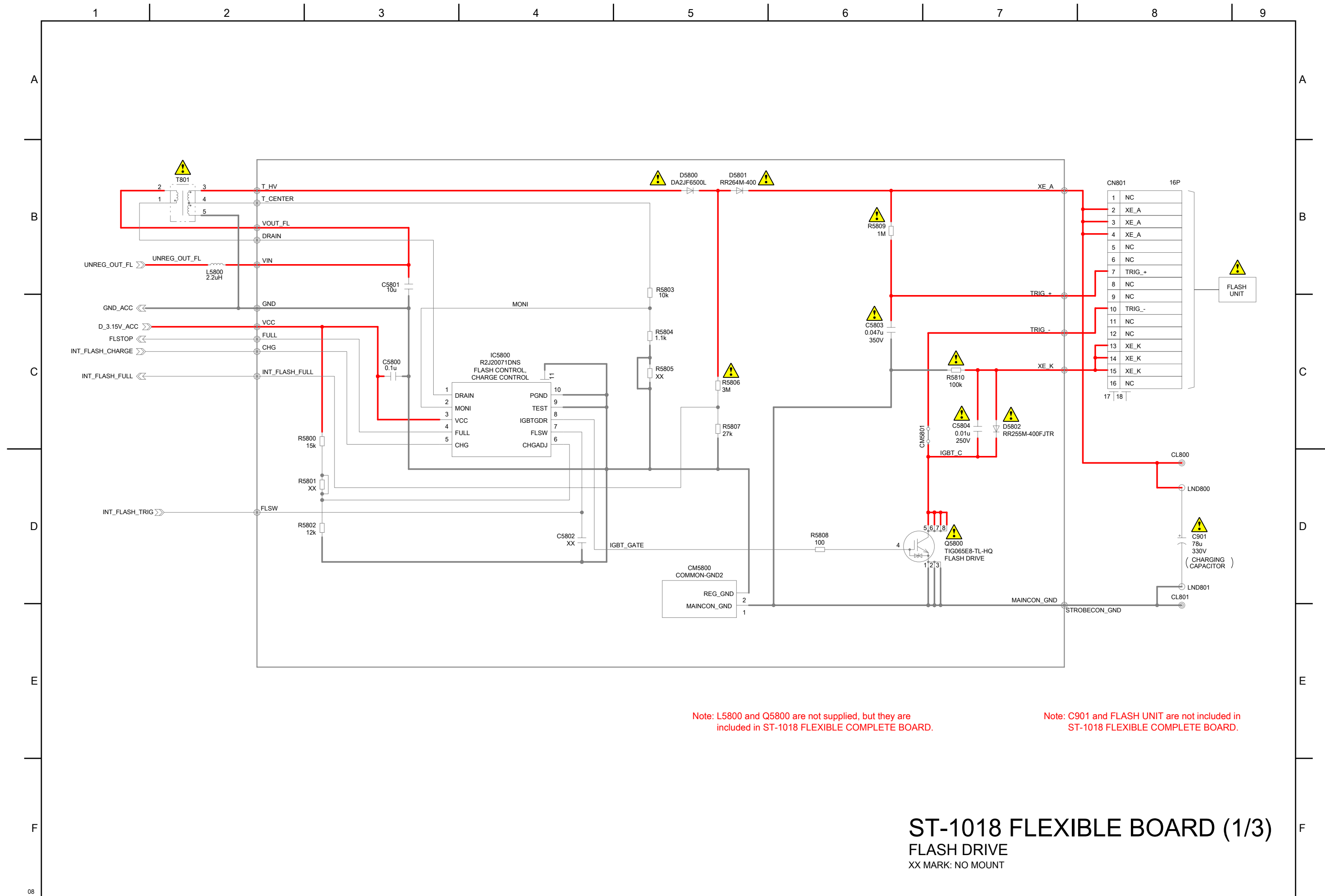


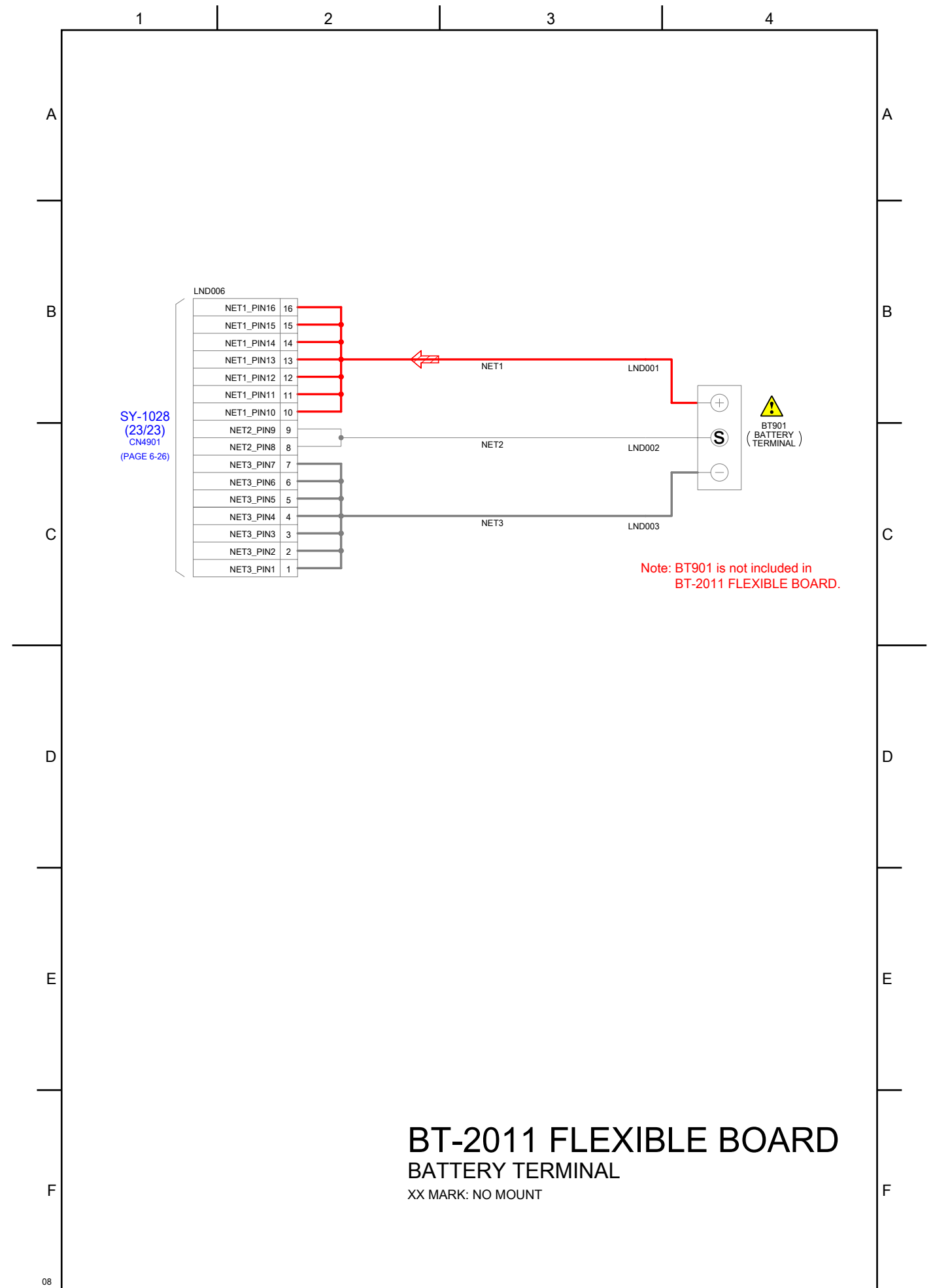
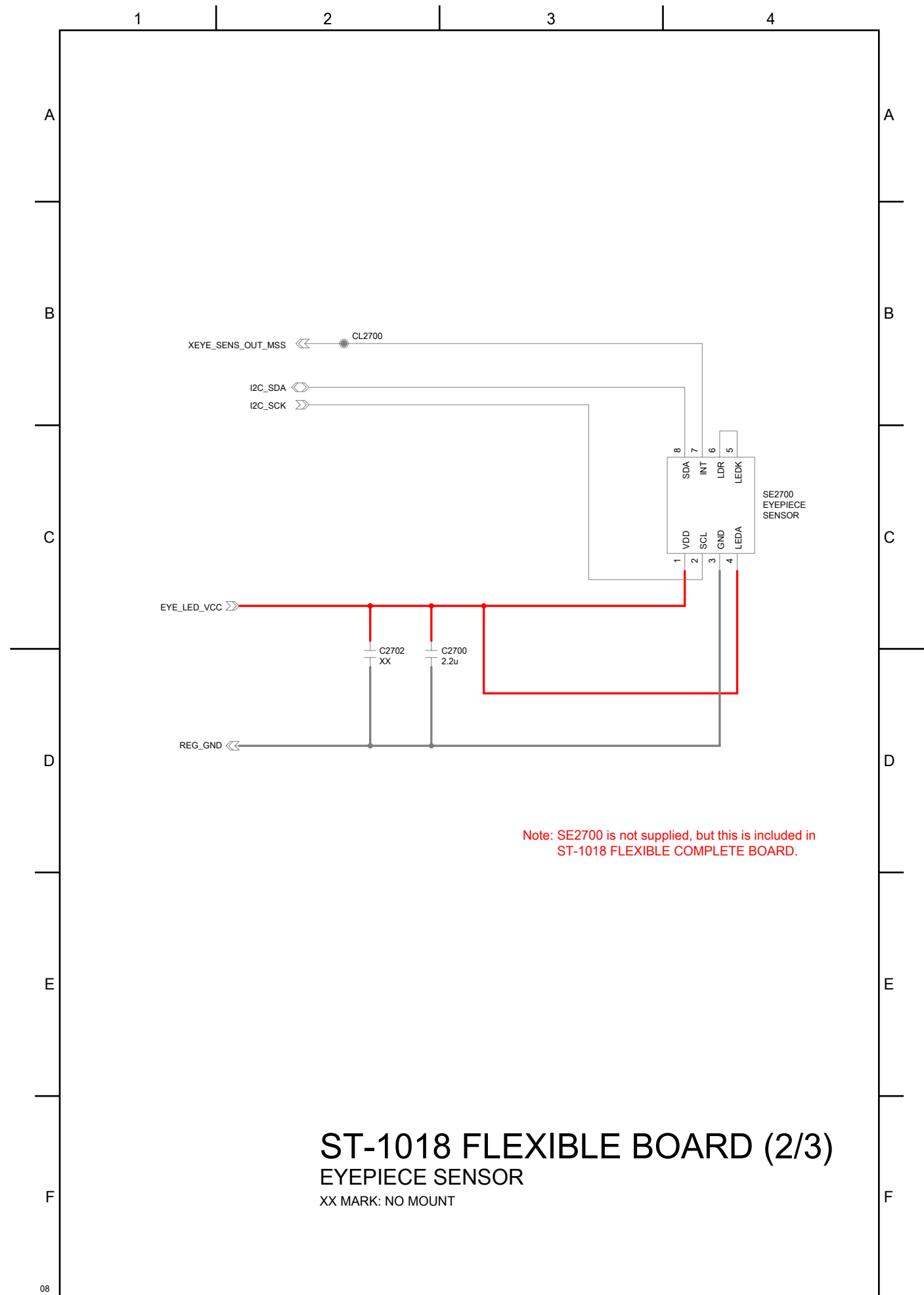


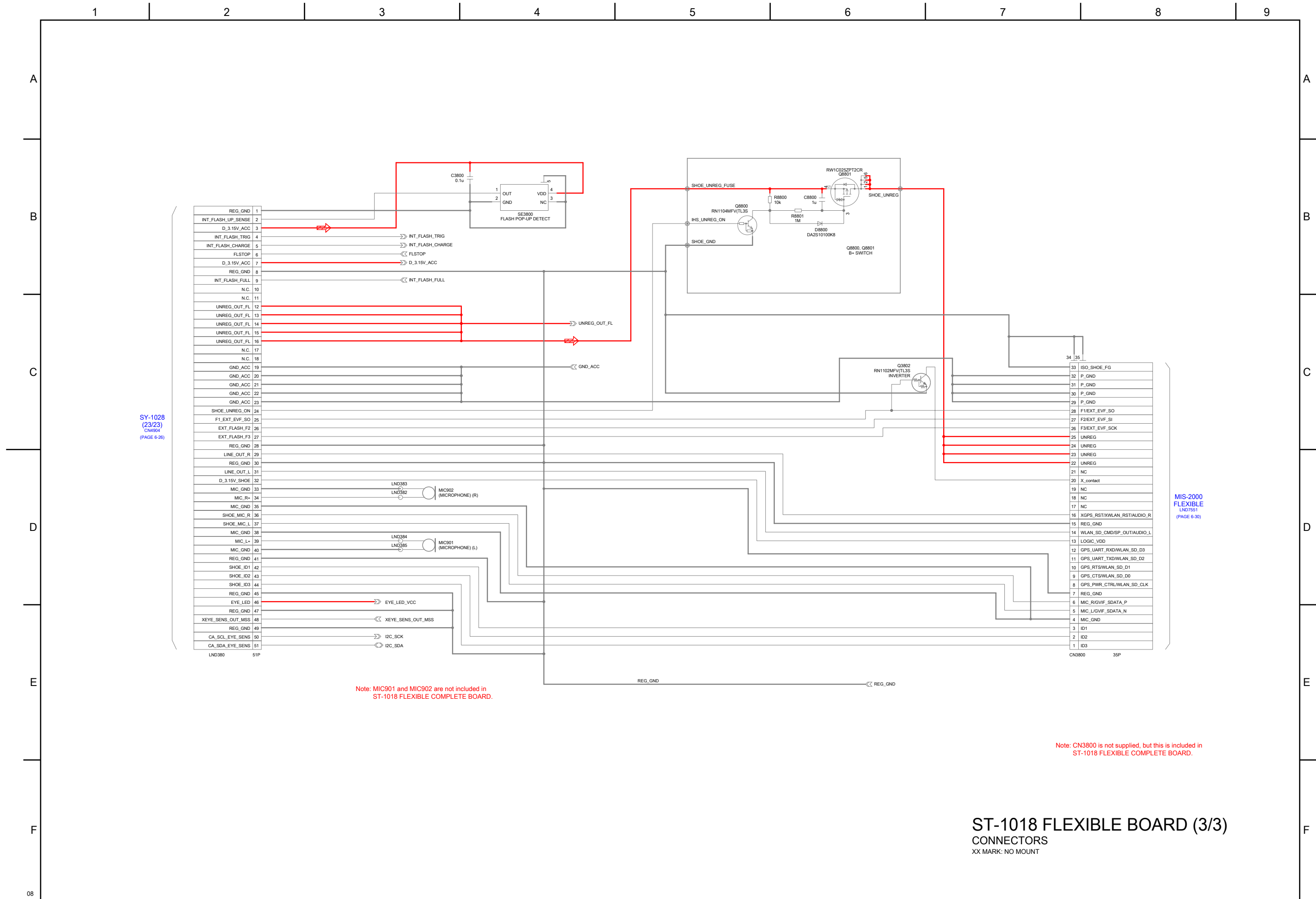


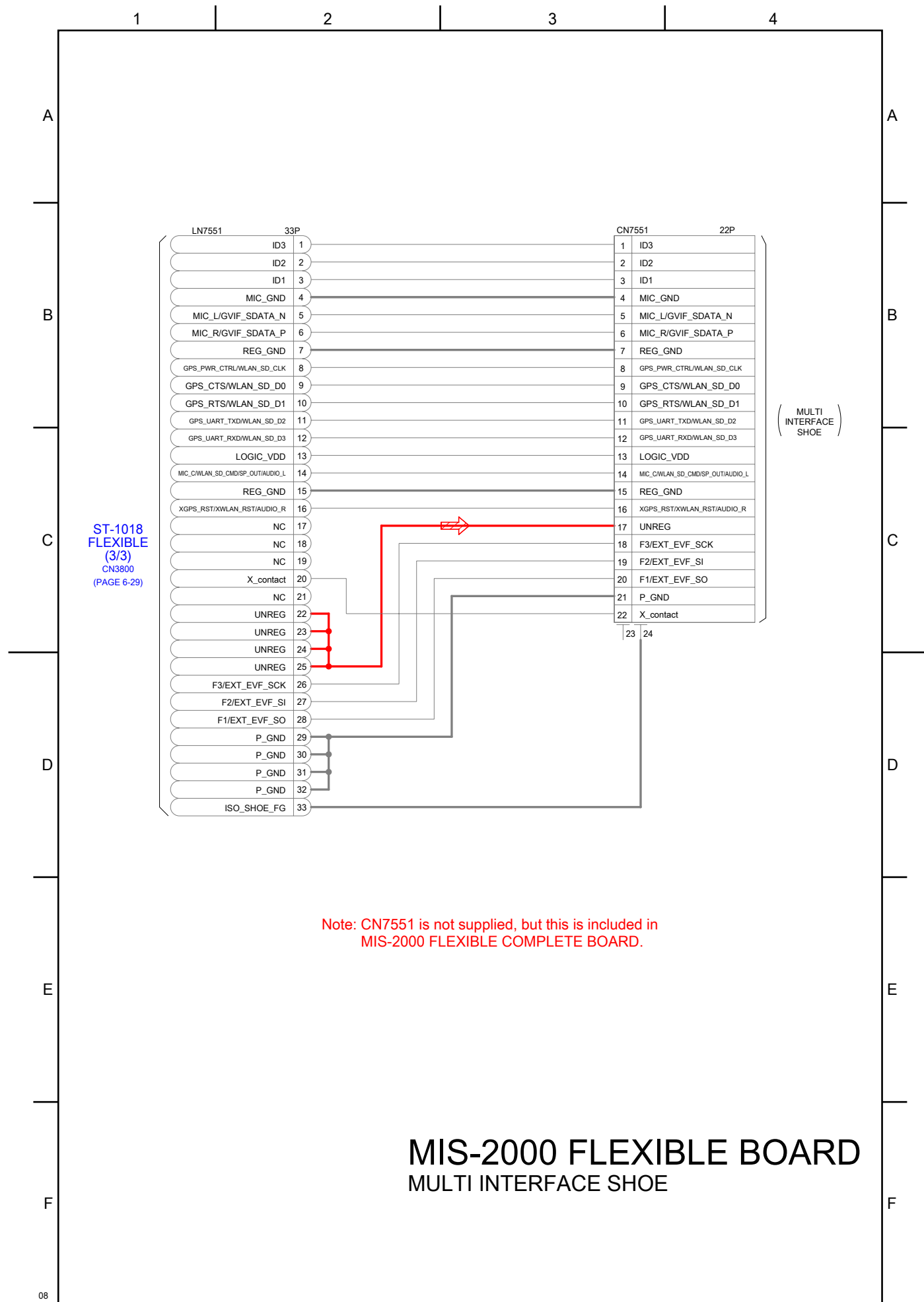
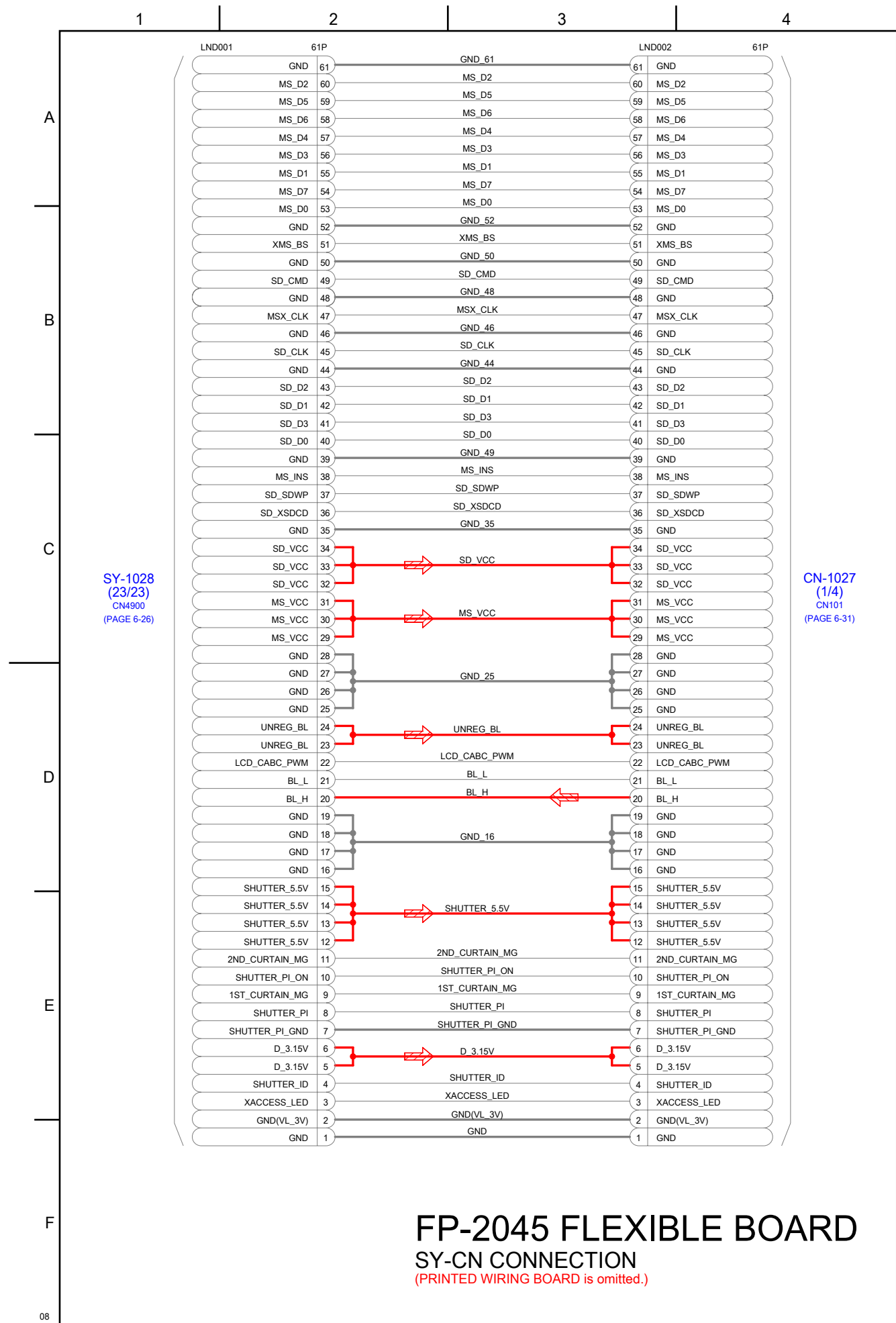


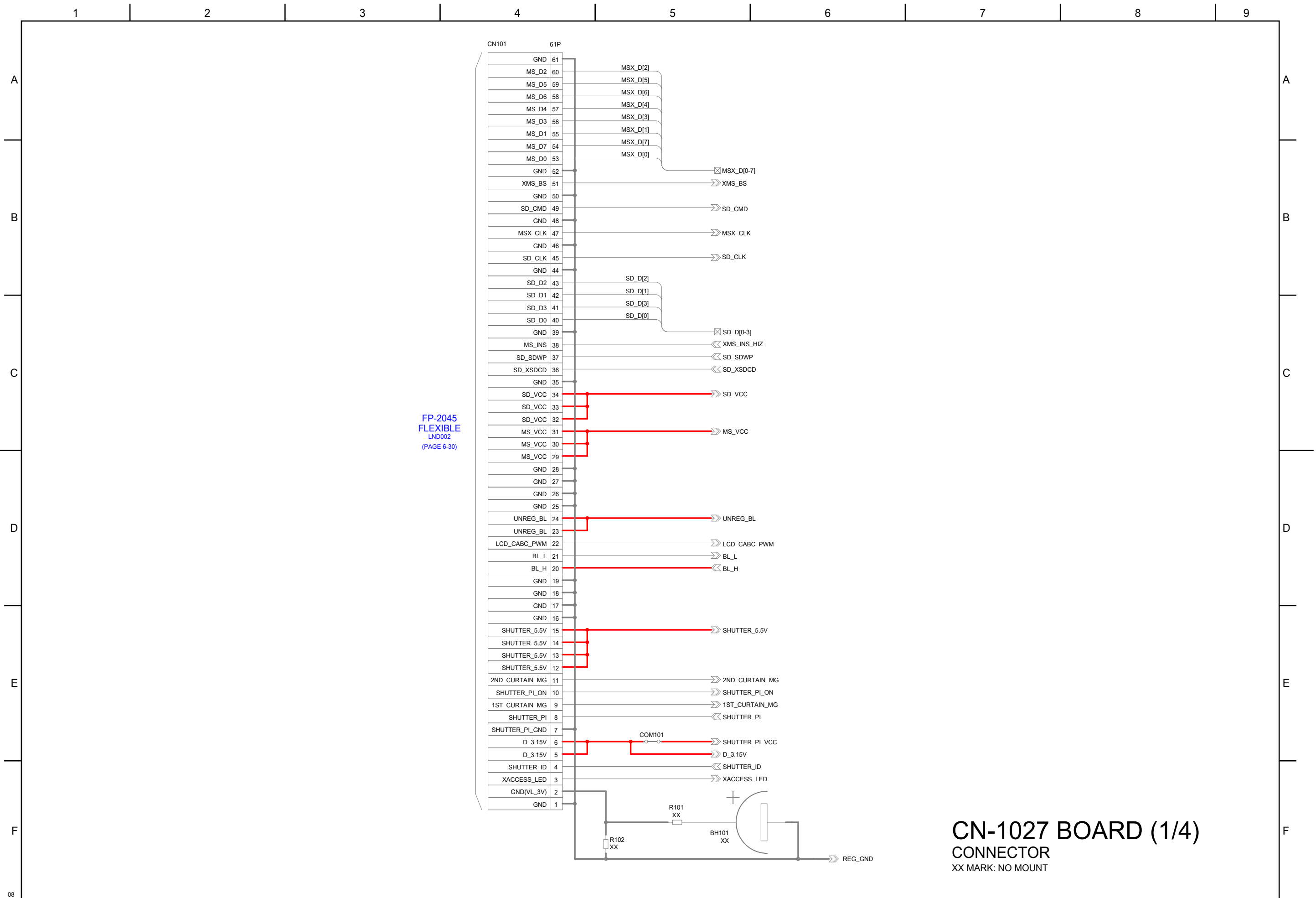


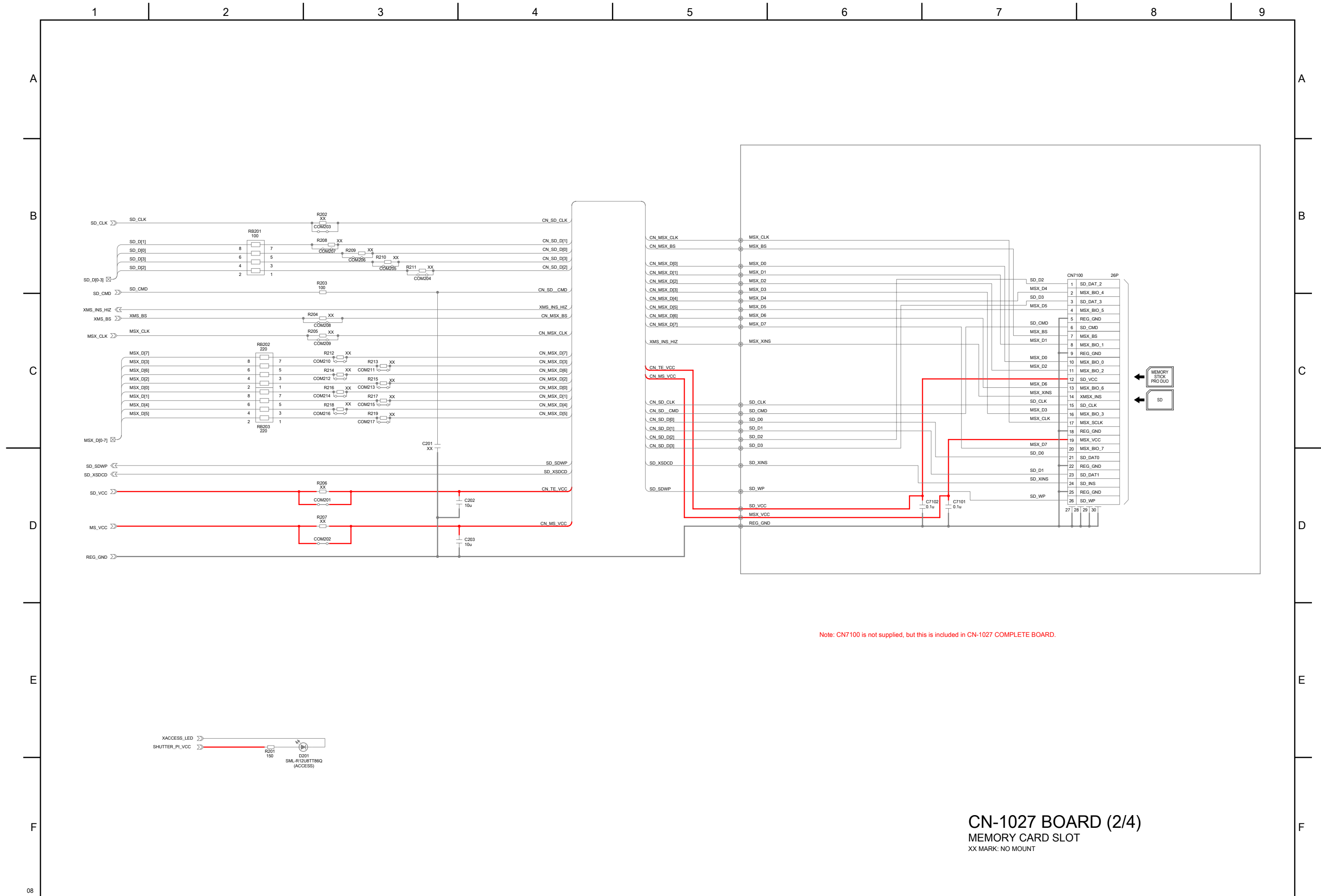


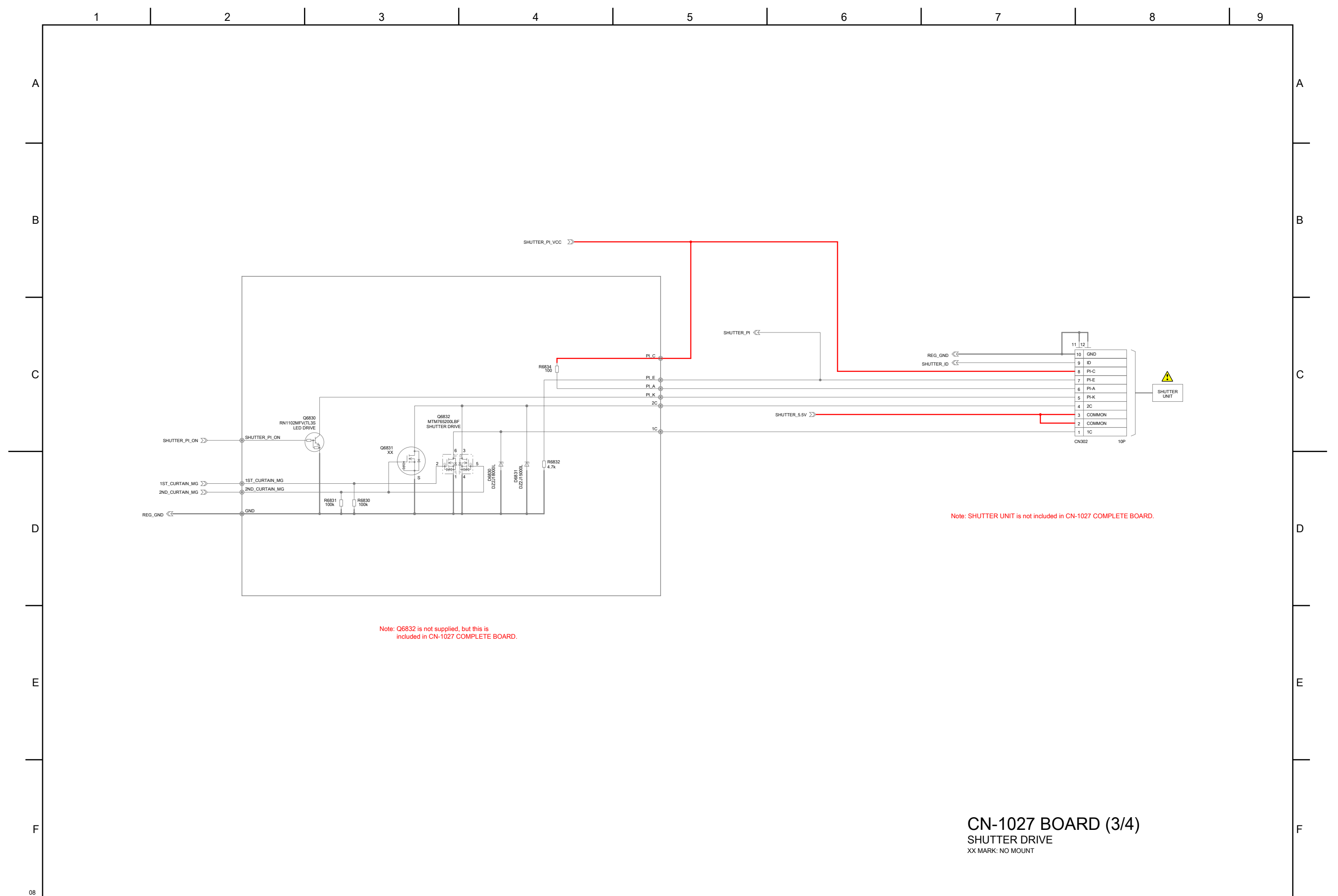




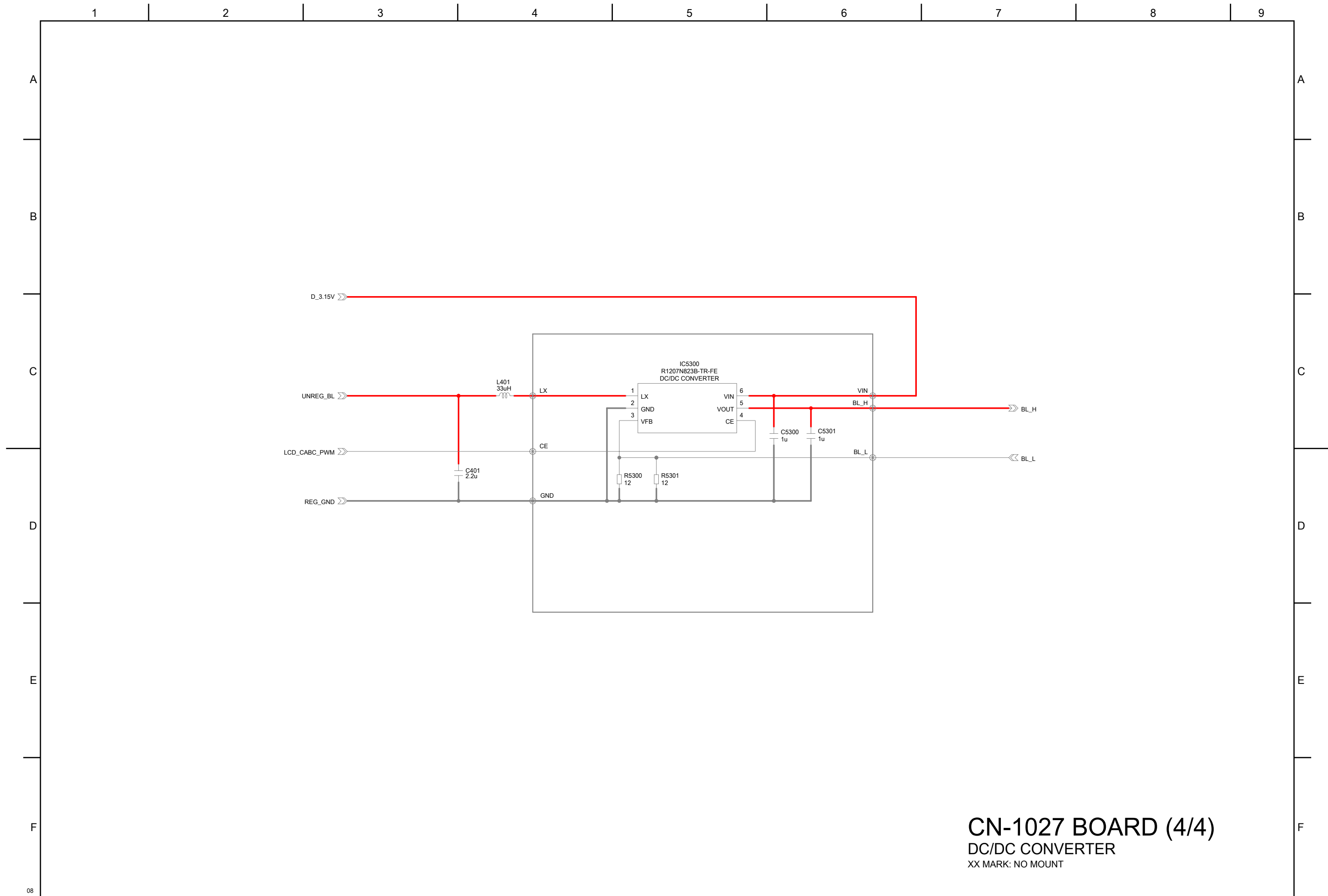




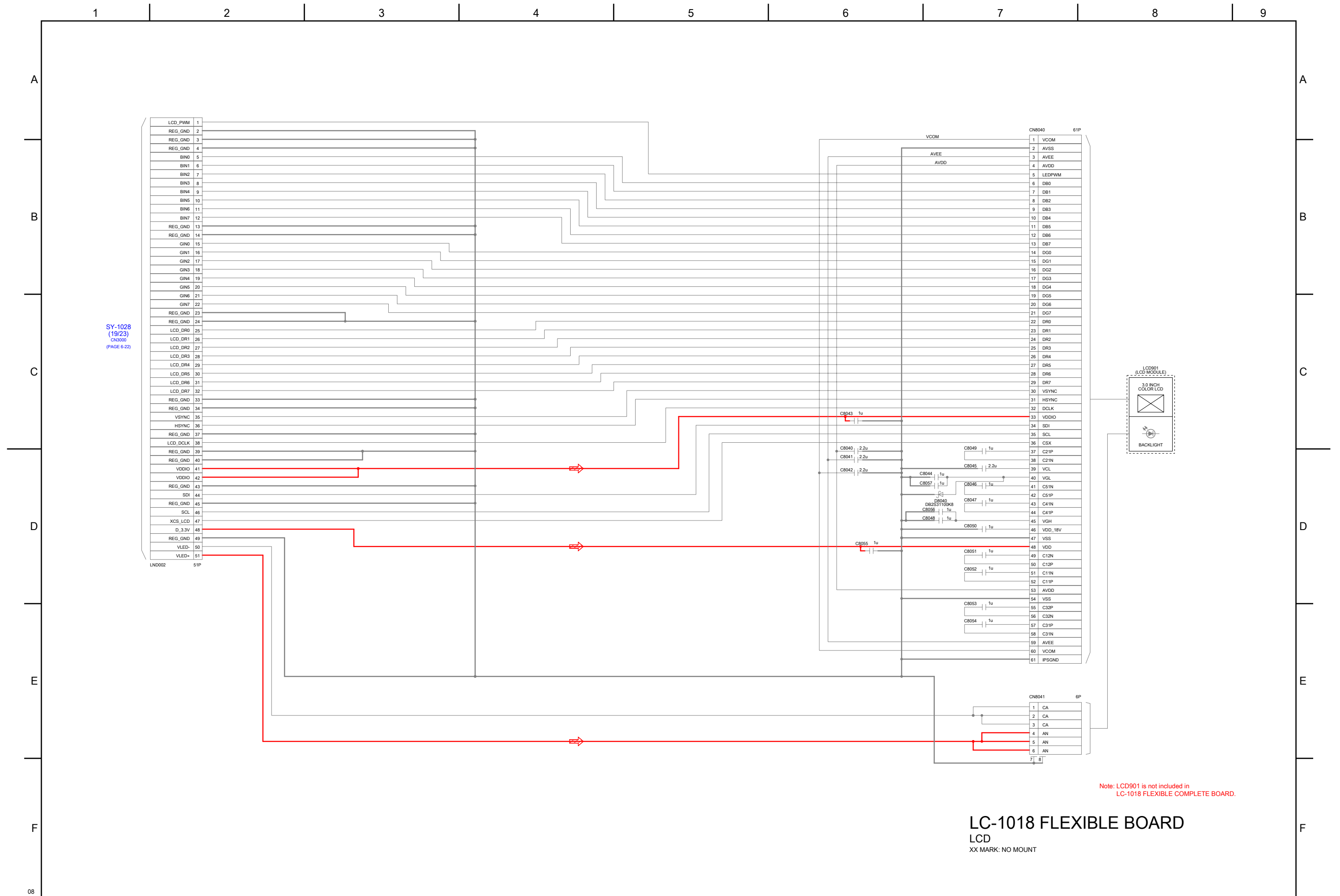


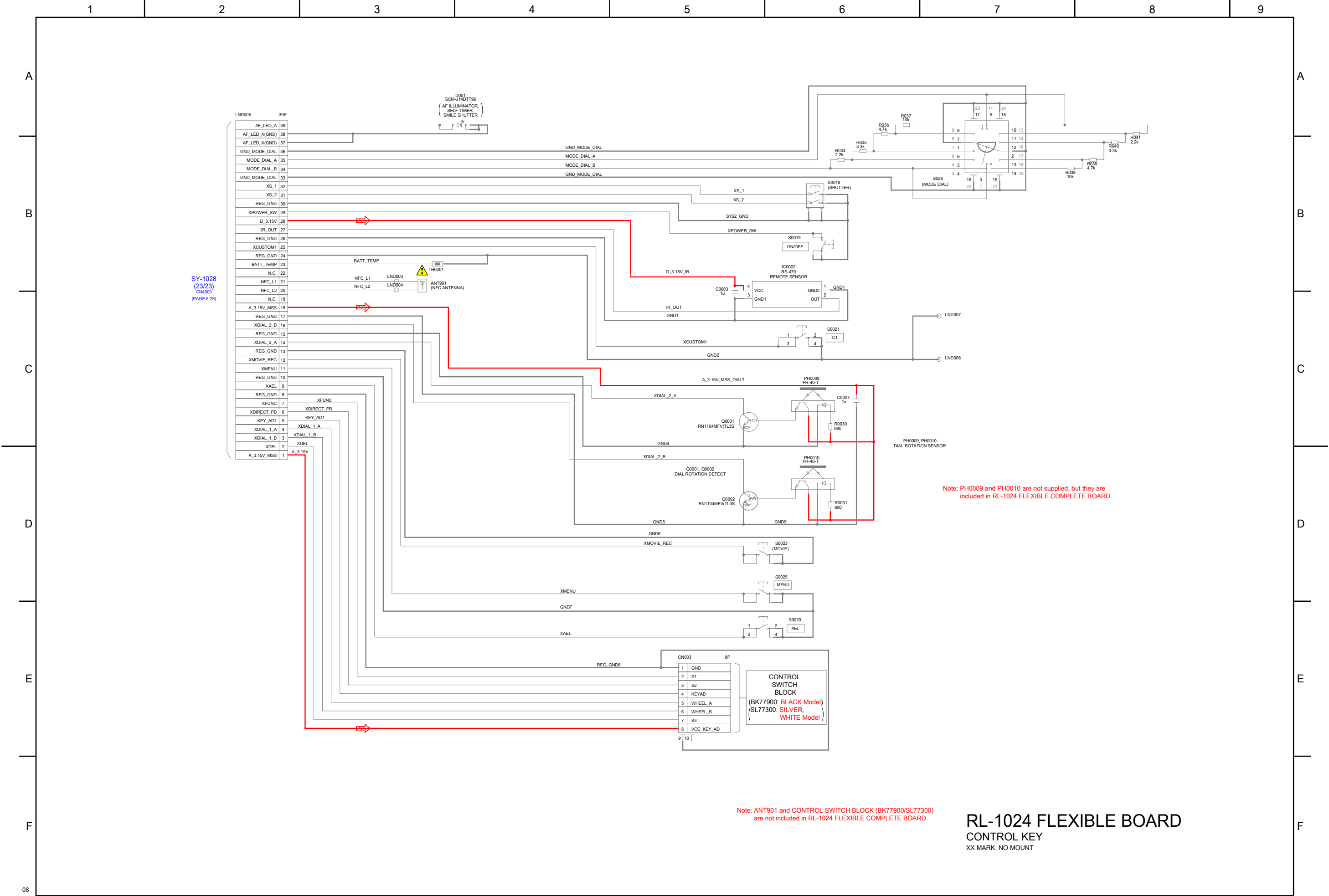


CN-1027 BOARD (3/4)
SHUTTER DRIVE
 XX MARK: NO MOUNT

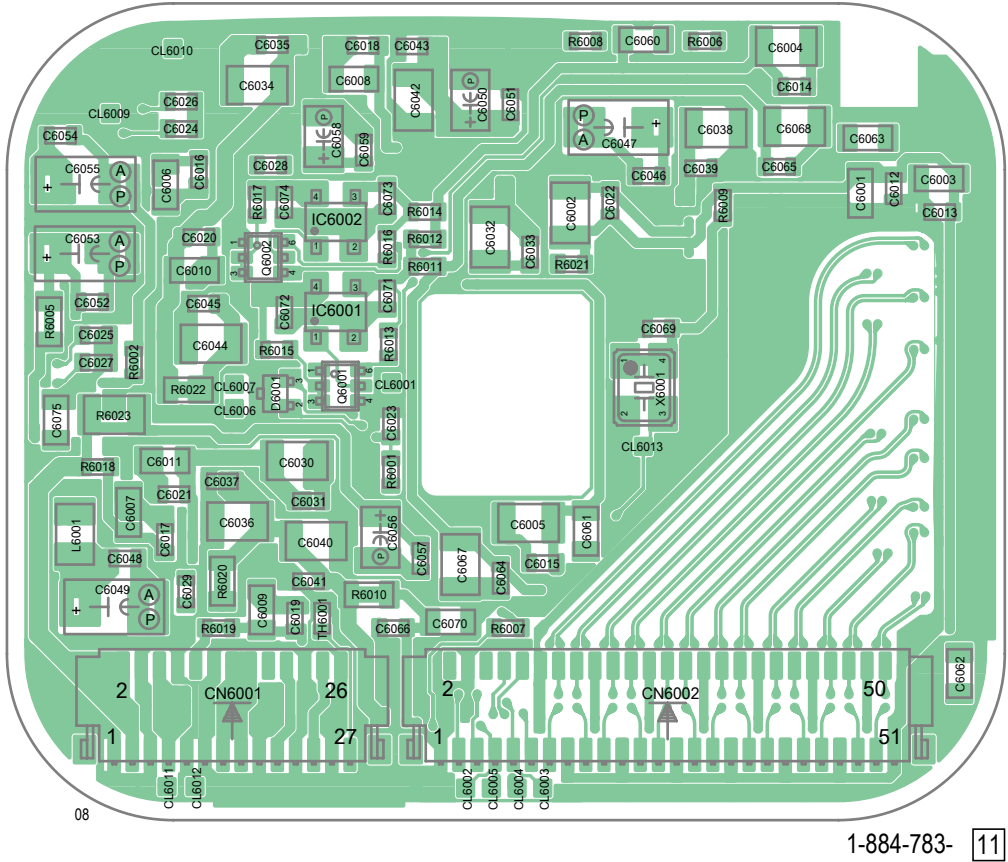


CN-1027 BOARD (4/4)
DC/DC CONVERTER
XX MARK: NO MOUNT

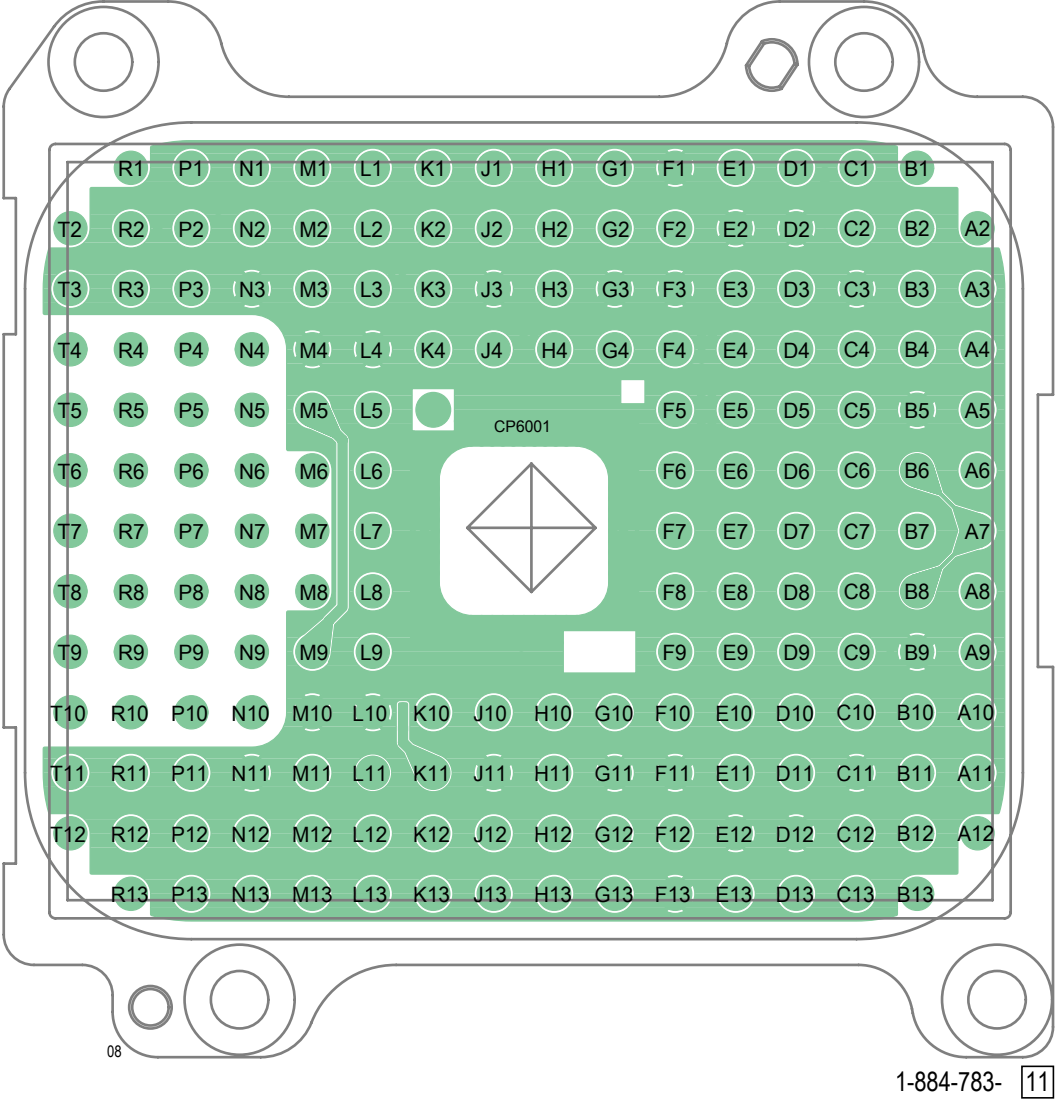




IS-095 BOARD (SIDE A)



IS-095 BOARD (SIDE B)



Note: All mounted parts and IS-095 COMPLETE BOARD are not supplied,
but they are included in SERVICE, DEVICE UNIT (2000).

SY-1028 BOARD (SIDE A)

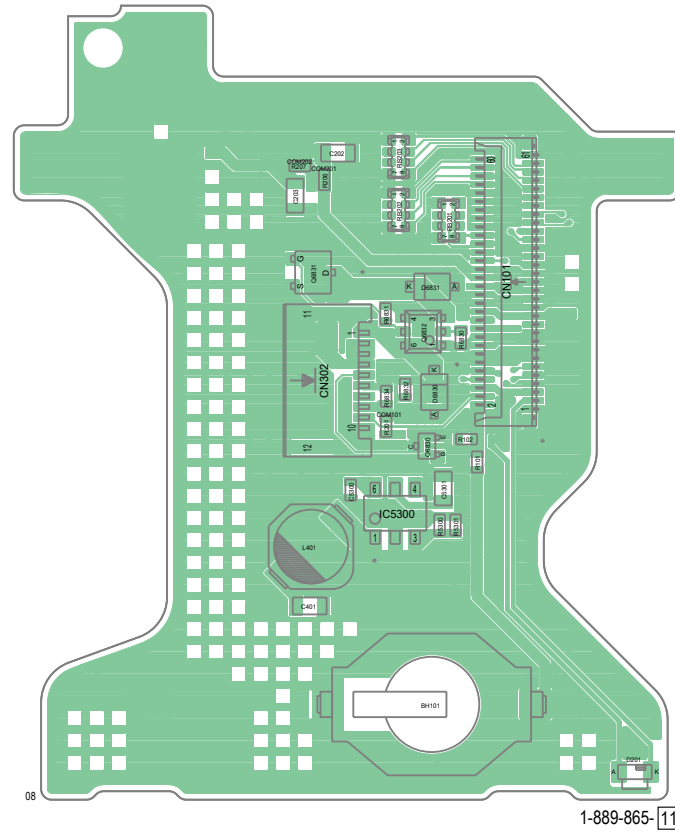
This is a detailed top-down view of the SY-1028 BOARD (SIDE A). The board is populated with numerous integrated circuits (ICs), including microprocessors (e.g., IC6800, IC6000, IC5321, IC4902, IC5150, IC5151, IC100, IC1000), memory modules (e.g., CN8060, CN3000, CN4903, CN4901, CN4900, CN1700, CN5400, CN4000), and various support chips (e.g., IC5321, IC4902, IC5150, IC5151, IC100, IC1000). The board also features several connectors (e.g., CN8060, CN3000, CN4903, CN4901, CN4900, CN1700, CN5400, CN4000) and a large central area with a grid of components. The board is labeled with various component values and part numbers, and the overall layout is complex and dense.

Note: SP901 is not included in SY-1028 COMPLETE BOARD (SERVICE).

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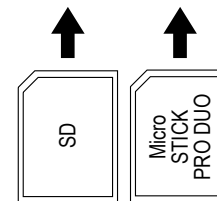
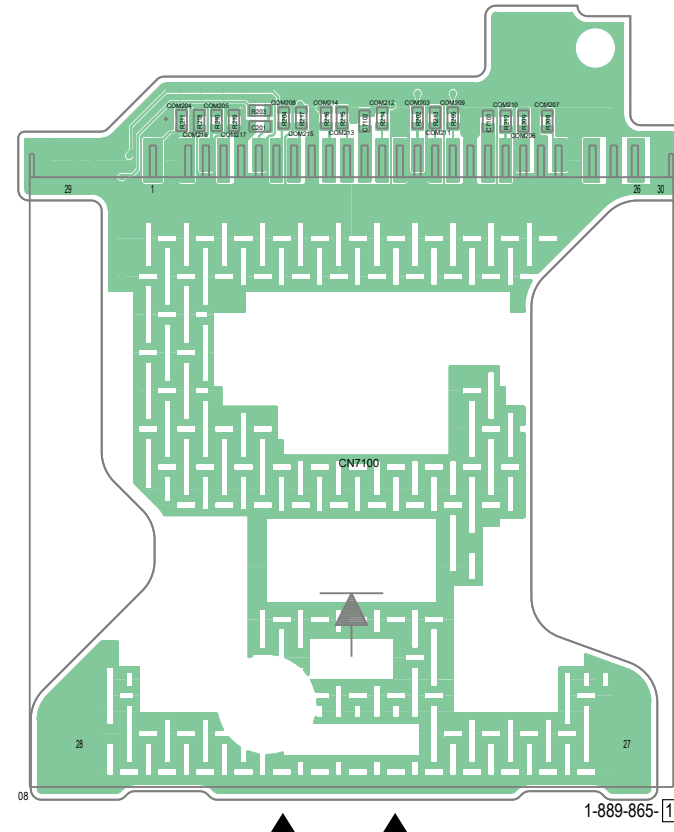
 : Uses unleaded solder.

CN-1027 BOARD (SIDE A)

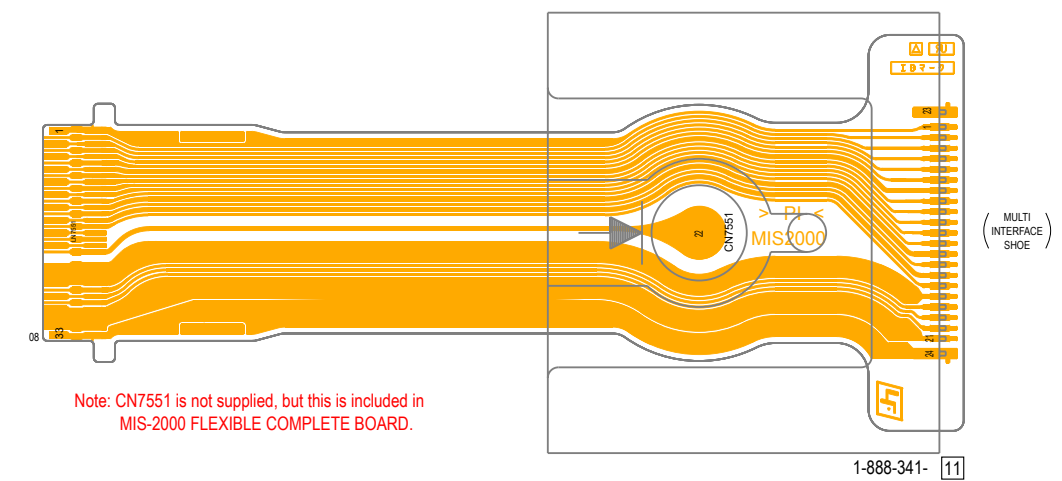


Note: CN7100 and Q6832 are not supplied, but they are included in CN-1027 COMPLETE BOARD.

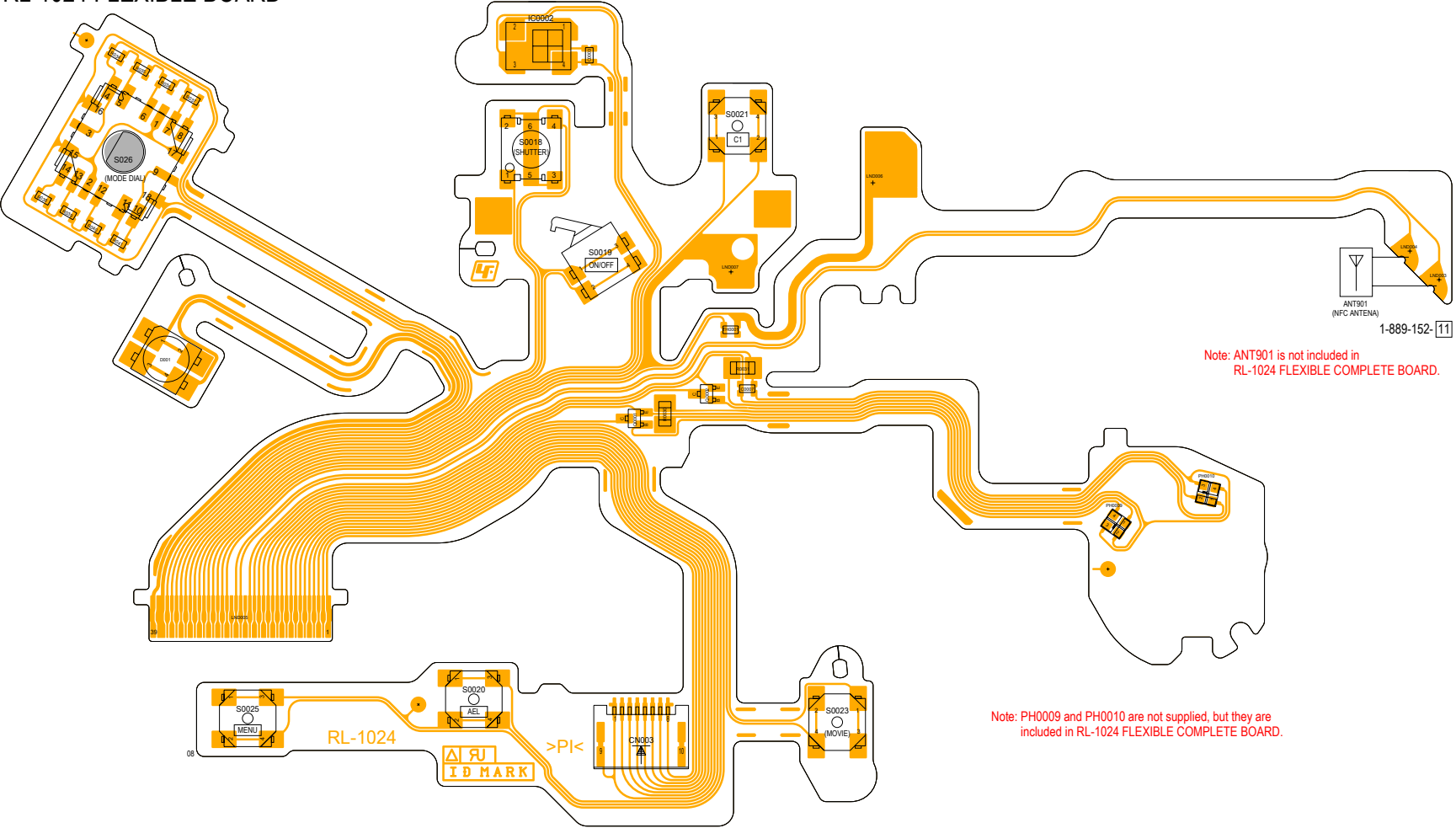
CN-1027 BOARD (SIDE B)



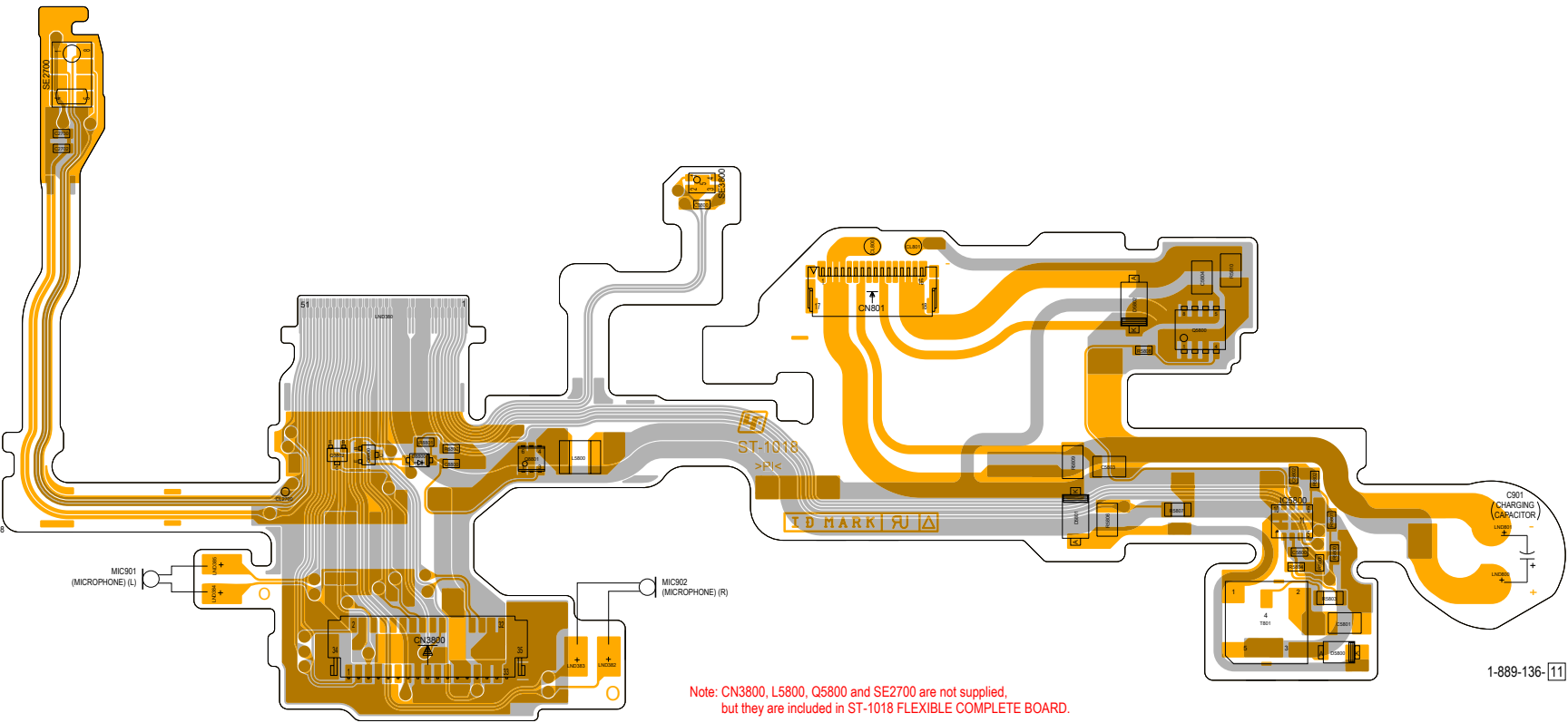
MIS-2000 FLEXIBLE BOARD



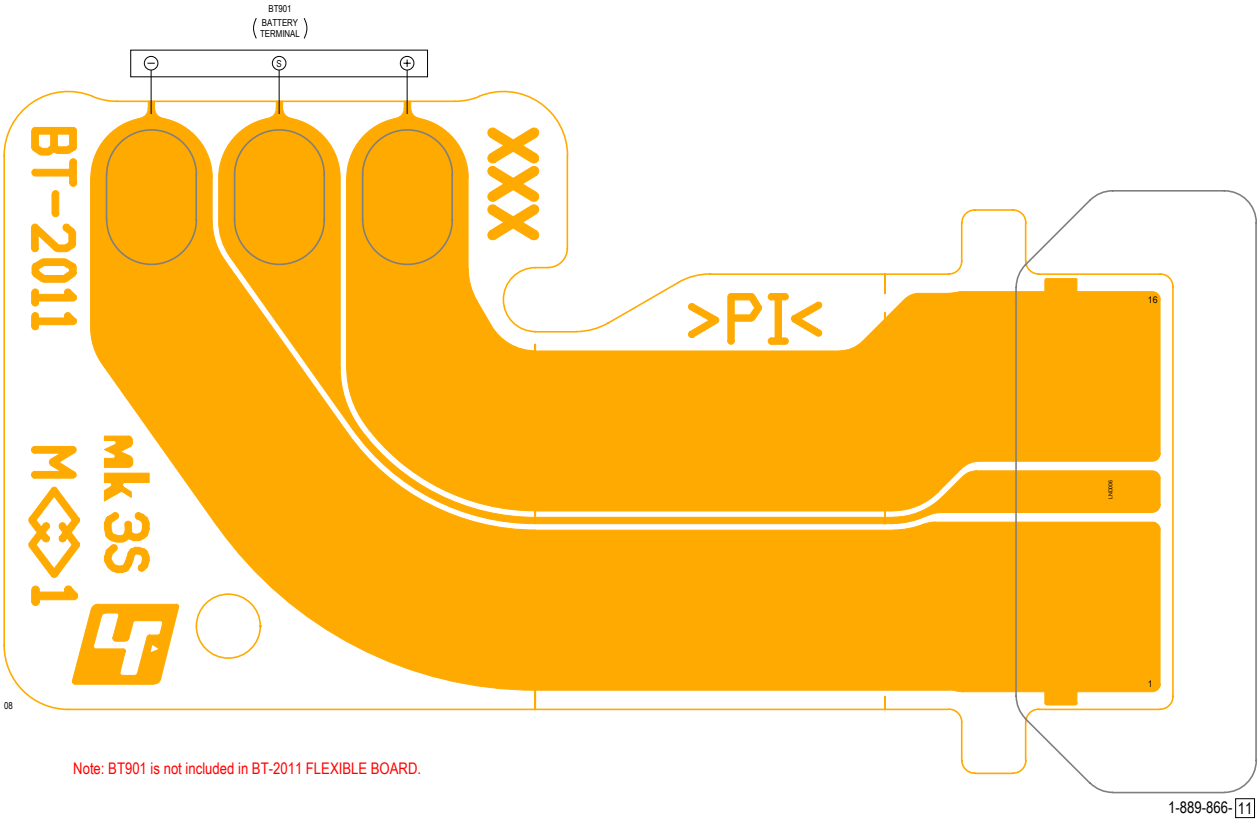
RL-1024 FLEXIBLE BOARD



ST-1018 FLEXIBLE BOARD



BT-2011 FLEXIBLE BOARD



LC-1018 FLEXIBLE BOARD

