

A front-facing view of the Sony Alpha 7 camera body. The camera is black with a silver-colored lens mount ring. The Sony logo is visible on the top of the camera. The lens mount is empty, showing the sensor area. The camera has a textured grip on the left side. The viewfinder is visible on the top left. The camera is shown against a white background.

LEVEL 3

Check the SERVICE NOTE (LEVEL 2) before the service.

Model	Lens	Service Manual of Lens
ILCE-7	No supplied lens	No supplied lens
ILCE-7K	SEL2870 (FE 28-70mm F3.5-5.6 OSS)	9-834-758-□□
ILCE-7R	No supplied lens	No supplied lens

SONY®

Sony Corporation

Ver.	Date	History	Contents	S.M. Rev. issued
1.0	2013.11	Official Release	—	—
1.1	2013.12	Revised-1 (A1 13-148)	• Correction of PRINTED WIRING BOARDS. Page 6-48	Yes

2. REPAIR PARTS LIST

AN-1001	AN-1003	BT-2008	CN-1025	DL-1001
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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 (BH0601) together when replacing the lithium secondary battery (BT0601) on the SY-1022 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-1022基板のリチウム蓄電池（BT0601）を交換する場合はバッテリーホルダ（BH0601）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
	A-1896-175-A	AN-1001 BOARD, COMPLETE *****
(ANT101 is not supplied, but this is included in AN-1001 COMPLETE BOARD.)		
		< ANTENNA >
ANT101	(Not supplied)	WLAN ANTENNA
		< CAPACITOR >
C101	1-117-734-81	CERAMIC CHIP 1.8PF 0.1PF 16V
		< CONNECTOR >
CN101	1-820-196-11	CONNECTOR, COAXIAL (SMT TYPE)
	A-1974-839-A	AN-1003 FLEXIBLE BOARD, COMPLETE *****
		< CONNECTOR >
* CN001	1-822-910-11	CONNECTOR, FPC (LIF (NON-ZIF))
	A-2009-383-A (Not supplied)	FLEXIBLE BLOCK ASSY, BT BT-2008 FLEXIBLE BOARD *****
(BT-2008 FLEXIBLE BOARD is not supplied, but this is included in BT FLEXIBLE BLOCK ASSY.)		
	A-1974-833-A A-1987-427-A	CN-1025 BOARD, COMPLETE (ILCE-7R) CN-1025 BOARD, COMPLETE (ILCE-7/7K) *****
(C303, C304, C402, C403 and IC301 are not supplied, but they are included in CN-1025 COMPLETE BOARD.)		
		< CAPACITOR >
* C201	1-116-720-11	CERAMIC CHIP 10uF 20% 6.3V
C202	1-118-386-11	CERAMIC CHIP 0.1uF 10% 16V
* C203	1-116-720-11	CERAMIC CHIP 10uF 20% 6.3V
C204	1-118-386-11	CERAMIC CHIP 0.1uF 10% 16V
* C302	1-116-738-11	CERAMIC CHIP 1uF 10% 6.3V
C303	(Not supplied)	CERAMIC CHIP 22PF 1% 50V (ILCE-7R)
C303	(Not supplied)	CERAMIC CHIP 2.2PF 0.1PF 50V (ILCE-7/7K)
C304	(Not supplied)	CERAMIC CHIP 100PF 1% 50V
C401	1-118-040-11	CERAMIC CHIP 2.2uF 10% 16V
C402	(Not supplied)	CERAMIC CHIP 0.1uF 10% 10V
C403	(Not supplied)	CERAMIC CHIP 2.2uF 10% 25V
		< CONNECTOR >
CN101	1-843-469-11	CONNECTOR, FPC (ZIF) 61P
CN201	1-843-088-23	CARD CONNECTOR
CN301	1-818-210-21	PIN, CONNECTOR 2P
		< DIODE >
D203	6-503-515-01	DIODE SML-R12U8TT86Q

Ref. No.	Part No.	Description
		< FERRITE BEAD >
FB201	1-400-723-11	INDUCTOR, FERRITE BEAD (1005)
		< IC >
IC301 IC401	(Not supplied) 6-716-949-01	IC CXD9950AK IC RT9292DGJ6
		< COIL >
L401	1-460-369-11	INDUCTOR 33uH
		< RESISTOR >
R206 R209 R401	1-218-941-81 1-218-944-11 1-250-449-11	METAL CHIP 100 5% 1/16W METAL CHIP 180 5% 1/16W METAL CHIP 12 1% 1/16W
		< COMPOSITION CIRCUIT BLOCK >
RB201 RB202 RB203 RB301	1-234-372-11 1-200-051-21 1-200-051-21 1-234-381-11	RES, NETWORK 100 (1005X4) RES, NETWORK 150 (1005X4) RES, NETWORK 150 (1005X4) RES, NETWORK 100K (1005X4)
	A-1974-840-A	DL-1001 FLEXIBLE BOARD, COMPLETE *****
(PH001, PH002, PH003 and PH004 are not supplied, but they are included in DL-1001 FLEXIBLE COMPLETE BOARD.)		
		< CAPACITOR >
* C001	1-116-738-11	CERAMIC CHIP 1uF 10% 6.3V
		< CONNECTOR >
CN002	1-816-654-61	FFC/FPC CONNECTOR (LIF) 6P
		< IC >
IC001	6-600-629-01	IC RS-470
		< PHOTO INTERRUPTER >
PH001 PH002 PH003 PH004	(Not supplied) (Not supplied) (Not supplied) (Not supplied)	PHOTO REFLECTOR PR-40-T PHOTO REFLECTOR PR-40-T PHOTO REFLECTOR PR-40-T PHOTO REFLECTOR PR-40-T
		< RESISTOR >
R007 R008 R009 R010 R011	1-216-819-11 1-216-819-11 1-216-819-11 1-216-819-11 1-216-864-11	METAL CHIP 680 5% 1/10W METAL CHIP 680 5% 1/10W METAL CHIP 680 5% 1/10W METAL CHIP 680 5% 1/10W SHORT CHIP 0
		< SWITCH >
S002	1-786-914-31	SWITCH, TACTILE

ES-1001								FP-2162				IS-111				ISP-008				ISL-008				LC-1013				LC-1014				MIS-2000				RL-1018				SH-1008				SY-1022																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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	A-1974-836-A	ES-1001 FLEXIBLE BOARD, COMPLETE *****								C119	1-118-462-11	CERAMIC CHIP 1uF 10% 10V																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									

Ref. No.	Part No.	Description			
C1614	(Not supplied)	CERAMIC CHIP	0.1uF	10%	10V
C1615	(Not supplied)	CERAMIC CHIP	0.1uF	10%	10V
C1616	(Not supplied)	CERAMIC CHIP	0.1uF	10%	10V
C1617	(Not supplied)	CERAMIC CHIP	0.1uF	10%	10V
C1619	1-116-713-11	CERAMIC CHIP	22uF	20%	10V
C1620	(Not supplied)	CERAMIC CHIP	0.1uF	10%	10V
C1621	(Not supplied)	CERAMIC CHIP	0.1uF	10%	10V
C1622	(Not supplied)	CERAMIC CHIP	0.1uF	10%	10V
* C1623	1-116-720-11	CERAMIC CHIP	10uF	20%	6.3V
* C1624	1-116-720-11	CERAMIC CHIP	10uF	20%	6.3V
* C2001	1-116-714-11	CERAMIC CHIP	22uF	20%	6.3V
* C2002	1-116-714-11	CERAMIC CHIP	22uF	20%	6.3V
* C2003	1-116-714-11	CERAMIC CHIP	22uF	20%	6.3V
C2004	1-118-386-11	CERAMIC CHIP	0.1uF	10%	16V
C2005	1-118-386-11	CERAMIC CHIP	0.1uF	10%	16V
C2006	1-118-386-11	CERAMIC CHIP	0.1uF	10%	16V
C2007	1-118-386-11	CERAMIC CHIP	0.1uF	10%	16V
C2008	(Not supplied)	CERAMIC CHIP	0.01uF	10%	16V
C2009	(Not supplied)	CERAMIC CHIP	0.01uF	10%	16V
C2010	(Not supplied)	CERAMIC CHIP	0.01uF	10%	16V
C2011	(Not supplied)	CERAMIC CHIP	0.01uF	10%	16V
* C2012	1-116-719-11	CERAMIC CHIP	10uF	10%	6.3V
C2013	1-118-386-11	CERAMIC CHIP	0.1uF	10%	16V
C2014	1-118-386-11	CERAMIC CHIP	0.1uF	10%	16V
C2015	1-118-386-11	CERAMIC CHIP	0.1uF	10%	16V
C2017	1-118-386-11	CERAMIC CHIP	0.1uF	10%	16V
C2019	1-118-386-11	CERAMIC CHIP	0.1uF	10%	16V
C2020	1-118-386-11	CERAMIC CHIP	0.1uF	10%	16V
C2021	1-118-386-11	CERAMIC CHIP	0.1uF	10%	16V
C2023	(Not supplied)	CERAMIC CHIP	0.01uF	10%	16V
C2024	(Not supplied)	CERAMIC CHIP	0.01uF	10%	16V
C2033	1-118-459-11	CERAMIC CHIP	0.01uF	10%	25V
C2036	1-118-386-11	CERAMIC CHIP	0.1uF	10%	16V
C2038	1-118-386-11	CERAMIC CHIP	0.1uF	10%	16V
C2039	1-118-386-11	CERAMIC CHIP	0.1uF	10%	16V
C2042	(Not supplied)	CERAMIC CHIP	0.01uF	10%	16V
C2043	(Not supplied)	CERAMIC CHIP	0.01uF	10%	16V
C2052	(Not supplied)	CERAMIC CHIP	0.01uF	10%	16V
* C2053	1-116-719-11	CERAMIC CHIP	10uF	10%	6.3V
C2201	1-116-736-11	CERAMIC CHIP	1uF	10%	10V
C2202	1-116-736-11	CERAMIC CHIP	1uF	10%	10V
C2203	1-116-736-11	CERAMIC CHIP	1uF	10%	10V
C2204	(Not supplied)	CERAMIC CHIP	0.022uF	10%	10V
C2205	1-116-736-11	CERAMIC CHIP	1uF	10%	10V
C2207	1-116-736-11	CERAMIC CHIP	1uF	10%	10V
C2208	1-116-736-11	CERAMIC CHIP	1uF	10%	10V
C2212	1-116-736-11	CERAMIC CHIP	1uF	10%	10V
C2213	1-118-399-11	CERAMIC CHIP	0.0022uF	10%	50V
C2214	1-116-736-11	CERAMIC CHIP	1uF	10%	10V
C2217	1-118-386-11	CERAMIC CHIP	0.1uF	10%	16V
* C2218	1-116-738-11	CERAMIC CHIP	1uF	10%	6.3V
C3211	1-114-098-91	CERAMIC CHIP	2.2uF	20%	25V
* C3212	1-118-035-11	CERAMIC CHIP	0.1uF	10%	25V
* C3213	1-118-035-11	CERAMIC CHIP	0.1uF	10%	25V
* C3214	1-118-035-11	CERAMIC CHIP	0.1uF	10%	25V
* C3215	1-118-035-11	CERAMIC CHIP	0.1uF	10%	25V
* C3216	1-118-035-11	CERAMIC CHIP	0.1uF	10%	25V
* C3218	1-118-035-11	CERAMIC CHIP	0.1uF	10%	25V
* C3219	1-116-720-11	CERAMIC CHIP	10uF	20%	6.3V

Ref. No.	Part No.	Description			
C3220	(Not supplied)	CERAMIC CHIP	0.1uF	10%	10V
C3221	(Not supplied)	CERAMIC CHIP	0.1uF	10%	10V
* C3223	1-118-035-11	CERAMIC CHIP	0.1uF	10%	25V
* C4201	1-116-738-11	CERAMIC CHIP	1uF	10%	6.3V
* C4202	1-116-738-11	CERAMIC CHIP	1uF	10%	6.3V
* C4203	1-116-738-11	CERAMIC CHIP	1uF	10%	6.3V
* C4204	1-116-738-11	CERAMIC CHIP	1uF	10%	6.3V
* C4205	1-116-738-11	CERAMIC CHIP	1uF	10%	6.3V
* C4206	1-116-738-11	CERAMIC CHIP	1uF	10%	6.3V
C4207	1-118-026-11	CERAMIC CHIP	470PF	10%	25V
C4208	1-118-395-11	CERAMIC CHIP	0.0047uF	10%	50V
* C4209	1-116-738-11	CERAMIC CHIP	1uF	10%	6.3V
* C4210	1-116-738-11	CERAMIC CHIP	1uF	10%	6.3V
C4211	1-118-386-11	CERAMIC CHIP	0.1uF	10%	16V
C4212	1-118-386-11	CERAMIC CHIP	0.1uF	10%	16V
C4213	1-118-386-11	CERAMIC CHIP	0.1uF	10%	16V
C4214	1-118-386-11	CERAMIC CHIP	0.1uF	10%	16V
* C4216	1-116-720-11	CERAMIC CHIP	10uF	20%	6.3V
C4217	1-116-729-11	CERAMIC CHIP	2.2uF	20%	10V
C4218	1-116-729-11	CERAMIC CHIP	2.2uF	20%	10V
C4219	1-118-386-11	CERAMIC CHIP	0.1uF	10%	16V
* C4220	1-116-738-11	CERAMIC CHIP	1uF	10%	6.3V
* C4221	1-116-738-11	CERAMIC CHIP	1uF	10%	6.3V
C4222	1-118-386-11	CERAMIC CHIP	0.1uF	10%	16V
C4223	1-114-365-11	CERAMIC CHIP	0.001uF	10%	50V
C4224	1-114-365-11	CERAMIC CHIP	0.001uF	10%	50V
C4225	1-114-365-11	CERAMIC CHIP	0.001uF	10%	50V
C4226	1-116-717-11	CERAMIC CHIP	10uF	20%	10V
* C4227	1-116-738-11	CERAMIC CHIP	1uF	10%	6.3V
C4228	1-118-386-11	CERAMIC CHIP	0.1uF	10%	16V
C5101	(Not supplied)	CERAMIC CHIP	0.22uF	10%	6.3V
C5102	1-116-737-11	CERAMIC CHIP	1uF	20%	10V
C5302	1-118-462-11	CERAMIC CHIP	1uF	10%	10V
C5401	1-118-480-11	CERAMIC CHIP	4.7uF	10%	6.3V
C5402	(Not supplied)	CERAMIC CHIP	0.1uF	10%	10V
C5403	(Not supplied)	CERAMIC CHIP	0.1uF	10%	10V
C5504	(Not supplied)	CERAMIC CHIP	2.2uF	10%	6.3V
C5505	(Not supplied)	CERAMIC CHIP	2.2uF	10%	6.3V
C5508	(Not supplied)	CERAMIC CHIP	2.2uF	10%	6.3V
C5509	(Not supplied)	CERAMIC CHIP	2.2uF	10%	6.3V
C5510	(Not supplied)	CERAMIC CHIP	2.2uF	10%	6.3V
C5513	1-116-736-11	CERAMIC CHIP	1uF	10%	10V
C5514	1-116-736-11	CERAMIC CHIP	1uF	10%	10V
C5517	(Not supplied)	CERAMIC CHIP	0.1uF	10%	10V
C5802	(Not supplied)	CERAMIC CHIP	0.1uF	10%	10V
C5903	(Not supplied)	CERAMIC CHIP	0.01uF	10%	16V
C6101	1-164-854-11	CERAMIC CHIP	15PF	5%	50V
C6102	1-164-854-11	CERAMIC CHIP	15PF	5%	50V
C6103	1-118-480-11	CERAMIC CHIP	4.7uF	10%	6.3V
* C6104	1-118-458-11	CERAMIC CHIP	0.1uF	10%	6.3V
* C6105	1-118-458-11	CERAMIC CHIP	0.1uF	10%	6.3V
* C6106	1-118-458-11	CERAMIC CHIP	0.1uF	10%	6.3V
* C6107	1-118-458-11	CERAMIC CHIP	0.1uF	10%	6.3V
C6108	1-116-713-11	CERAMIC CHIP	22uF	20%	10V
* C6109	1-118-458-11	CERAMIC CHIP	0.1uF	10%	6.3V
* C6111	1-118-458-11	CERAMIC CHIP	0.1uF	10%	6.3V
C6114	(Not supplied)	CERAMIC CHIP	2.2uF	10%	6.3V
C6115	1-164-852-11	CERAMIC CHIP	12PF	5%	50V
C6116	1-164-852-11	CERAMIC CHIP	12PF	5%	50V

Ref. No.	Part No.	Description			
* C6117	1-118-458-11	CERAMIC CHIP	0.1uF	10%	6.3V
C6121	1-100-249-11	CERAMIC CHIP	0.01uF	10%	16V
C6122	(Not supplied)	CERAMIC CHIP	0.01uF	10%	16V
* C6123	1-118-458-11	CERAMIC CHIP	0.1uF	10%	6.3V
* C6125	1-118-458-11	CERAMIC CHIP	0.1uF	10%	6.3V
C6501	1-116-717-11	CERAMIC CHIP	10uF	20%	10V
C6502	1-118-386-11	CERAMIC CHIP	0.1uF	10%	16V
C6503	1-118-047-11	CERAMIC CHIP	10uF	10%	16V
C6504	1-116-729-11	CERAMIC CHIP	2.2uF	20%	10V
C6505	1-118-462-11	CERAMIC CHIP	1uF	10%	10V
C6506	1-118-462-11	CERAMIC CHIP	1uF	10%	10V
C6507	1-118-386-11	CERAMIC CHIP	0.1uF	10%	16V
C6508	1-116-744-11	CERAMIC CHIP	0.22uF	10%	10V
C6509	1-118-462-11	CERAMIC CHIP	1uF	10%	10V
C6510	1-118-386-11	CERAMIC CHIP	0.1uF	10%	16V
C6511	1-112-692-11	CERAMIC CHIP	1000PF	5%	50V
C6512	1-128-617-91	CERAMIC CHIP	100PF	5%	25V
C6701	1-116-736-11	CERAMIC CHIP	1uF	10%	10V
C6703	(Not supplied)	CERAMIC CHIP	0.1uF	10%	10V
C6704	(Not supplied)	CERAMIC CHIP	0.1uF	10%	10V
C6705	1-118-462-11	CERAMIC CHIP	1uF	10%	10V
C6801	(Not supplied)	CERAMIC CHIP	0.1uF	10%	10V
C6802	(Not supplied)	CERAMIC CHIP	0.001uF	10%	25V
C6803	1-118-465-11	CERAMIC CHIP	4.7uF	10%	16V
C6804	1-118-386-11	CERAMIC CHIP	0.1uF	10%	16V
* C6905	1-116-720-11	CERAMIC CHIP	10uF	20%	6.3V
C6906	1-118-386-11	CERAMIC CHIP	0.1uF	10%	16V
C6907	1-118-386-11	CERAMIC CHIP	0.1uF	10%	16V
C8101	1-100-250-11	CERAMIC CHIP	0.022uF	10%	10V
C8401	1-116-717-11	CERAMIC CHIP	10uF	20%	10V
* C8402	1-116-720-11	CERAMIC CHIP	10uF	20%	6.3V
* C8403	1-116-720-11	CERAMIC CHIP	10uF	20%	6.3V
* C8404	1-116-720-11	CERAMIC CHIP	10uF	20%	6.3V
* C8406	1-116-720-11	CERAMIC CHIP	10uF	20%	6.3V
C8407	1-118-462-11	CERAMIC CHIP	1uF	10%	10V
C8408	1-118-462-11	CERAMIC CHIP	1uF	10%	10V
C8409	1-116-736-11	CERAMIC CHIP	1uF	10%	10V
C8410	1-116-736-11	CERAMIC CHIP	1uF	10%	10V
< CONNECTOR >					
CN2301	1-822-769-21	CONNECTOR, FPC (ZIF) 27P			
* CN2302	1-821-503-11	CONNECTOR, FPC (ZIF) 39P			
* CN3101	1-821-503-11	CONNECTOR, FPC (ZIF) 39P			
* CN3211	1-842-176-51	CONNECTOR, FPC (ZIF) 61P			
CN5001	(Not supplied)	SOCKET, USB CONNECTOR			
CN5201	(Not supplied)	CONNECTOR, HDMI (TYPE-D)			
CN6702	1-822-220-71	CONNECTOR, FPC (LIF (NON-ZIF))			
* CN6703	1-843-618-11	CONNECTOR, FFC/FPC (LIF) 10P			
* CN6902	1-821-503-11	CONNECTOR, FPC (ZIF) 39P			
* CN6904	1-821-503-11	CONNECTOR, FPC (ZIF) 39P			
CN6906	1-822-220-71	CONNECTOR, FPC (LIF (NON-ZIF))			
CN6908	1-816-654-61	FFC/FPC CONNECTOR (LIF) 6P			
CN6909	1-843-469-11	CONNECTOR, FPC (ZIF) 61P			
* CN6910	1-821-503-11	CONNECTOR, FPC (ZIF) 39P			
CN6911	1-816-654-61	FFC/FPC CONNECTOR (LIF) 6P			
< COMPOSITION CIRCUIT BLOCK >					
CP5501	(Not supplied)	WLAN MODULE			

Ref. No.	Part No.	Description
CP8401	(Not supplied)	D.C.-D.C. CONVERTER
< DIODE >		
D0401	6-503-737-01	DIODE CES520
* D1201	6-502-988-01	DIODE RB480Y-40T2R
D1401	6-503-126-01	DIODE DA2S10100K8
D1403	6-503-126-01	DIODE DA2S10100K8
D2201	6-502-934-01	DIODE DB2S31100K8
D5001	6-502-969-01	DIODE DZ2J06800L
D5101	6-503-126-01	DIODE DA2S10100K8
* D5901	6-503-578-01	DIODE RB520SM-30T2R
D6102	6-503-126-01	DIODE DA2S10100K8
* D6103	6-503-578-01	DIODE RB520SM-30T2R
D6502	8-719-024-69	DIODE 1SS361 (T5LS
D6503	6-503-065-01	DIODE SML-D13Y8WT86S
D6701	6-503-031-01	DIODE DZ2J18000L
D6702	6-502-975-01	DIODE DZ2J15000L
* D6802	6-503-578-01	DIODE RB520SM-30T2R
D6803	8-719-084-17	DIODE EMZ6.8EFJT2R
D6804	8-719-084-17	DIODE EMZ6.8EFJT2R
D6906	6-503-126-01	DIODE DA2S10100K8
D6907	6-503-126-01	DIODE DA2S10100K8
* D8101	6-503-365-01	DIODE DZ37068D0L
D8401	8-719-024-71	DIODE 1SS362-TE85L
< CONTACT >		
ET6901	(Not supplied)	ON BOARD CONTACT
< FUSE >		
△ * F0001	1-576-872-31	FUSE (0.25A/50V)
△ F0002	1-576-603-41	FUSE (3.15A/24V)
△ F0003	1-576-603-41	FUSE (3.15A/24V)
△ F0004	1-576-596-41	FUSE (1A/36V)
△ F0005	1-576-913-41	FUSE (1.6A/36V)
△ F0006	1-576-913-41	FUSE (1.6A/36V)
△ F0007	1-576-416-41	FUSE (2A/36V)
< FERRITE BEAD >		
FB1201	1-469-580-21	INDUCTOR, FERRITE BEAD (100S)
FB1401	1-400-354-11	INDUCTOR, FERRITE BEAD (100S)
FB1402	1-400-354-11	INDUCTOR, FERRITE BEAD (100S)
FB1403	1-400-354-11	INDUCTOR, FERRITE BEAD (100S)
FB1404	1-400-354-11	INDUCTOR, FERRITE BEAD (100S)
FB1405	1-400-354-11	INDUCTOR, FERRITE BEAD (100S)
FB1406	1-400-354-11	INDUCTOR, FERRITE BEAD (100S)
* FB1407	1-400-704-21	ARR FERRITE CHIP
* FB1408	1-400-704-21	ARR FERRITE CHIP
* FB1409	1-481-250-11	INDUCTOR, FERRITE BEAD (100S)
FB2005	1-481-912-21	EMI FERRITE (SMD) (100S)
FB2006	1-481-912-21	EMI FERRITE (SMD) (100S)
FB6501	1-481-349-21	EMI FERRITE (SMD) (1608)
FB8101	1-481-262-21	FERRITE, EMI (SMD) (100S)
FB8102	1-481-262-21	FERRITE, EMI (SMD) (100S)
< IC >		
IC0201	(Not supplied)	IC TPS63060DSCR
IC0202	(Not supplied)	IC TPS63060DSCR
IC0402	(Not supplied)	IC TPS61093DSKR

Ref. No.	Part No.	Description
IC0601	6-716-945-01	IC BD8331GU-E2
IC0901	6-715-773-01	IC NJM12904RB1 (TE2)
IC1001	(Not supplied)	IC MHZ4G8G01A
IC2001	(Not supplied)	IC CXD90027GF
IC2201	6-717-276-01	IC MM3416A45URE
* IC2202	6-716-467-01	IC MM3416A50URE
IC2203	6-717-276-01	IC MM3416A45URE
* IC2204	6-716-467-01	IC MM3416A50URE
* IC4201	6-719-793-01	IC AK4695ECB-L
* IC4202	6-719-351-01	IC MM3416A18URE
* IC4203	6-719-361-01	IC MM3416A28URE
IC5301	6-717-848-01	IC NCP380HSNAJAAT1G
IC5501	(Not supplied)	IC MM3416A33URE
IC5502	(Not supplied)	IC TCK107G
IC5802	6-708-327-01	IC TC7WH240FK
IC6101	(Not supplied)	IC MB9AF004BGL-G-103-ERE1
IC6501	(Not supplied)	IC OZ8072PN-C5-0-TR
IC6502	6-716-783-01	IC BD11600NUX-E2
IC6701	6-706-491-01	IC TC7SH86FU
IC6702	6-717-751-01	IC BD6376GUL-E2
* IC6801	6-711-430-01	IC TC74VHC367FK (EL)
IC6901	(Not supplied)	IC BU7232FVM-TR
IC6902	(Not supplied)	IC BU7232FVM-TR
< JACK >		
J5501	1-820-196-11	CONNECTOR, COAXIAL (SMT TYPE)
J8101	1-784-943-71	JACK (SMALL TYPE)
J8102	1-784-943-51	JACK (SMALL TYPE)
< COIL >		
L0201	(Not supplied)	INDUCTOR 1uH
L0202	(Not supplied)	INDUCTOR 1uH
L0401	1-460-370-11	INDUCTOR 10uH
L1001	1-469-553-21	INDUCTOR 4.7uH
* L2001	1-400-411-21	INDUCTOR 4.7uH
* L2002	1-400-411-21	INDUCTOR 4.7uH
* L2203	1-481-102-21	INDUCTOR 10uH
L4201	(Not supplied)	INDUCTOR 10uH
L4202	(Not supplied)	INDUCTOR 10uH
L5201	(Not supplied)	COMMON MODE CHOKE COIL15(0806)
L5202	(Not supplied)	COMMON MODE CHOKE COIL15(0806)
L5203	(Not supplied)	COMMON MODE CHOKE COIL15(0806)
L5204	(Not supplied)	COMMON MODE CHOKE COIL15(0806)
L6501	1-460-358-11	INDUCTOR 2.2uH
L6502	1-414-842-21	INDUCTOR 15nH
L6503	1-414-842-21	INDUCTOR 15nH
< TRANSISTOR >		
Q0403	8-729-053-52	TRANSISTOR HN1C01FE
* Q0404	6-551-623-01	TRANSISTOR 2SA2154MFV (TL3S
* Q0503	6-552-213-01	TRANSISTOR RW1A020ZPFU7
Q0505	6-551-631-01	TRANSISTOR RN1104MFV (TL3S
Q0801	8-729-055-01	TRANSISTOR RN4984FE
Q0902	6-552-622-01	TRANSISTOR MTM761230LBF
Q0904	6-551-631-01	TRANSISTOR RN1104MFV (TL3S
Q1201	6-551-631-01	TRANSISTOR RN1104MFV (TL3S
Q1202	6-551-202-01	TRANSISTOR LM6K1FS8T2R
* Q1203	6-552-700-01	TRANSISTOR SSM3K15AMFV, L3SF

ILCE-7/7K/7R_L3

Ref. No.	Part No.	Description
Q2202	6-552-845-01	TRANSISTOR SSM3K121TU, LSOYF
Q2203	8-729-053-58	TRANSISTOR RN1904FE
Q2204	6-552-975-01	TRANSISTOR RW1A030APT2CR
Q2205	8-729-053-58	TRANSISTOR RN1904FE
Q2206	6-552-398-01	TRANSISTOR FJ3303010L
* Q2207	6-552-700-01	TRANSISTOR SSM3K15AMFV, L3SF
Q2208	6-551-622-01	TRANSISTOR 2SC6026MFV (TL3S
* Q2209	6-552-523-01	TRANSISTOR DMA904010R
* Q4001	6-552-700-01	TRANSISTOR SSM3K15AMFV, L3SF
Q5101	6-550-576-01	TRANSISTOR SSM6E01TU
Q5102	6-552-874-01	TRANSISTOR RW1C025ZPT2CR
Q5103	6-551-631-01	TRANSISTOR RN1104MFV (TL3S
Q5201	8-729-055-01	TRANSISTOR RN4984FE
Q5302	(Not supplied)	TRANSISTOR RN1101, LSONYF
Q5303	6-552-874-01	TRANSISTOR RW1C025ZPT2CR
Q5801	8-729-053-57	TRANSISTOR RN1902FE
Q6101	6-553-038-01	TRANSISTOR DRA3115T0L
Q6103	6-551-345-01	TRANSISTOR SSM6L16FE (TPLR3)
* Q6104	6-552-213-01	TRANSISTOR RW1A020ZPFU7
Q6105	6-551-631-01	TRANSISTOR RN1104MFV (TL3S
Q6201	6-551-630-01	TRANSISTOR RN1102MFV (TL3S
Q6202	8-729-013-22	TRANSISTOR HN1A01FU
Q6501	6-551-663-01	TRANSISTOR MTM684110LS0
Q6502	6-551-630-01	TRANSISTOR RN1102MFV (TL3S
Q6701	6-551-630-01	TRANSISTOR RN1102MFV (TL3S
Q6702	6-551-630-01	TRANSISTOR RN1102MFV (TL3S
Q6703	6-552-883-01	TRANSISTOR US6M2GTR
Q6704	(Not supplied)	TRANSISTOR MTM765200LBF
Q6705	6-551-630-01	TRANSISTOR RN1102MFV (TL3S
Q6801	6-552-842-01	TRANSISTOR QS8J2FU7TR
Q6804	6-551-202-01	TRANSISTOR LM6K1FS8T2R
Q6805	6-551-202-01	TRANSISTOR LM6K1FS8T2R
Q6806	6-551-202-01	TRANSISTOR LM6K1FS8T2R
Q6807	6-550-576-01	TRANSISTOR SSM6E01TU
* Q6901	6-551-861-01	TRANSISTOR 2SC4505T100
< RESISTOR >		
R0202	1-250-535-11	METAL CHIP 47K 1% 1/16W
* R0203	1-250-511-11	METAL CHIP 4.7K 1% 1/16W
* R0208	1-250-545-11	METAL CHIP 120K 1% 1/16W
* R0209	1-250-523-11	METAL CHIP 15K 1% 1/16W
R0214	1-250-521-11	METAL CHIP 12K 1% 1/16W
R0406	1-250-519-11	METAL CHIP 10K 1% 1/16W
* R0407	1-250-528-11	METAL CHIP 24K 1% 1/16W
R0408	1-218-954-11	METAL CHIP 1.2K 5% 1/16W
R0410	1-218-965-11	METAL CHIP 10K 5% 1/16W
R0417	1-240-695-91	METAL CHIP 1K 5% 1/20W
R0421	1-218-981-91	METAL CHIP 220K 5% 1/16W
R0423	1-250-553-11	METAL CHIP 270K 1% 1/16W
R0424	1-250-519-11	METAL CHIP 10K 1% 1/16W
R0503	1-218-981-91	METAL CHIP 220K 5% 1/16W
R0605	1-218-941-81	METAL CHIP 100 5% 1/16W
R0613	1-250-531-11	METAL CHIP 33K 1% 1/16W
* R0614	1-250-543-11	METAL CHIP 100K 1% 1/16W
* R0801	1-250-543-11	METAL CHIP 100K 1% 1/16W
R0802	1-250-535-11	METAL CHIP 47K 1% 1/16W
R0901	1-240-729-91	METAL CHIP 1M 5% 1/20W
R0902	1-240-718-91	METAL CHIP 100K 5% 1/20W
R0905	1-248-311-11	RES-CHIP 0.1 1% 1/4W

Ref. No.	Part No.	Description
R0906	1-208-931-11	METAL CHIP 68K 0.5% 1/16W
R0907	1-208-931-11	METAL CHIP 68K 0.5% 1/16W
R0908	1-208-935-11	METAL CHIP 100K 0.5% 1/16W
R0909	1-208-935-11	METAL CHIP 100K 0.5% 1/16W
R0910	1-240-718-91	METAL CHIP 100K 5% 1/20W
R0911	1-240-722-91	METAL CHIP 220K 5% 1/20W
R0912	1-208-955-11	METAL CHIP 680K 0.5% 1/16W
R0913	1-208-955-11	METAL CHIP 680K 0.5% 1/16W
R0914	1-248-311-11	RES-CHIP 0.1 1% 1/4W
R1058	1-218-933-11	METAL CHIP 22 5% 1/16W
R1059	1-218-933-11	METAL CHIP 22 5% 1/16W
R1060	1-218-933-11	METAL CHIP 22 5% 1/16W
R1061	1-218-933-11	METAL CHIP 22 5% 1/16W
R1062	1-240-695-91	METAL CHIP 1K 5% 1/20W
R1063	1-218-953-11	METAL CHIP 1K 5% 1/16W
* R1208	1-250-507-11	METAL CHIP 3.3K 1% 1/16W
* R1211	1-250-507-11	METAL CHIP 3.3K 1% 1/16W
R1217	1-250-521-11	METAL CHIP 12K 1% 1/16W
R1220	1-240-712-91	METAL CHIP 27K 5% 1/20W
R1422	1-218-935-11	METAL CHIP 33 5% 1/16W
R1424	1-218-935-11	METAL CHIP 33 5% 1/16W
R1427	1-208-859-81	METAL CHIP 68 0.5% 1/16W
R1435	1-240-695-91	METAL CHIP 1K 5% 1/20W
R1462	1-218-945-11	METAL CHIP 220 5% 1/16W
* R1507	1-250-523-11	METAL CHIP 15K 1% 1/16W
R1522	(Not supplied)	METAL CHIP 100K 1% 1/20W
R1530	(Not supplied)	METAL CHIP 4.7K 1% 1/20W
R1531	(Not supplied)	METAL CHIP 4.7K 1% 1/20W
R1542	1-218-937-11	METAL CHIP 47 5% 1/16W
R1545	1-218-933-11	METAL CHIP 22 5% 1/16W
R1548	1-218-933-11	METAL CHIP 22 5% 1/16W
R1549	1-218-933-11	METAL CHIP 22 5% 1/16W
R1550	1-218-965-11	METAL CHIP 10K 5% 1/16W
R1551	1-218-965-11	METAL CHIP 10K 5% 1/16W
R1608	(Not supplied)	METAL CHIP 240 1% 1/20W
R1609	(Not supplied)	METAL CHIP 240 1% 1/20W
* R1610	1-250-480-11	METAL CHIP 240 1% 1/16W
R1611	(Not supplied)	METAL CHIP 10K 1% 1/20W
R1612	(Not supplied)	METAL CHIP 10K 1% 1/20W
R2079	1-218-933-11	METAL CHIP 22 5% 1/16W
R2202	1-218-953-11	METAL CHIP 1K 5% 1/16W
R2205	1-218-937-11	METAL CHIP 47 5% 1/16W
R2214	1-218-977-11	METAL CHIP 100K 5% 1/16W
R2215	1-218-981-91	METAL CHIP 220K 5% 1/16W
R2216	1-218-977-11	METAL CHIP 100K 5% 1/16W
R2217	1-218-933-11	METAL CHIP 22 5% 1/16W
R2220	1-218-961-11	METAL CHIP 4.7K 5% 1/16W
R2221	1-218-977-11	METAL CHIP 100K 5% 1/16W
R2223	1-218-990-81	SHORT CHIP 0
R2224	1-218-965-11	METAL CHIP 10K 5% 1/16W
R2225	1-218-969-11	METAL CHIP 22K 5% 1/16W
* R2226	1-250-530-11	METAL CHIP 30K 1% 1/16W
* R2228	1-250-538-11	METAL CHIP 62K 1% 1/16W
R2230	1-216-295-91	SHORT CHIP 0
R4001	1-218-953-11	METAL CHIP 1K 5% 1/16W
R4003	1-218-977-11	METAL CHIP 100K 5% 1/16W
R4205	1-250-515-11	METAL CHIP 6.8K 1% 1/16W
R4206	1-250-515-11	METAL CHIP 6.8K 1% 1/16W

Ref. No.	Part No.	Description
* R4208	1-250-479-11	METAL CHIP 220 1% 1/16W
* R4209	1-250-479-11	METAL CHIP 220 1% 1/16W
* R4210	1-250-503-11	METAL CHIP 2.2K 1% 1/16W
* R4211	1-250-503-11	METAL CHIP 2.2K 1% 1/16W
R4216	1-218-969-11	METAL CHIP 22K 5% 1/16W
R4217	1-218-969-11	METAL CHIP 22K 5% 1/16W
R4218	1-218-957-11	METAL CHIP 2.2K 5% 1/16W
R4219	1-218-957-11	METAL CHIP 2.2K 5% 1/16W
R4226	1-218-981-91	METAL CHIP 220K 5% 1/16W
R5102	1-240-718-91	METAL CHIP 100K 5% 1/20W
R5103	1-240-695-91	METAL CHIP 1K 5% 1/20W
R5106	1-218-965-11	METAL CHIP 10K 5% 1/16W
R5107	1-218-989-11	METAL CHIP 1M 5% 1/16W
R5108	1-216-864-11	SHORT CHIP 0
R5306	1-240-718-91	METAL CHIP 100K 5% 1/20W
R5308	1-218-969-11	METAL CHIP 22K 5% 1/16W
R5309	1-218-953-11	METAL CHIP 1K 5% 1/16W
R5310	1-218-953-11	METAL CHIP 1K 5% 1/16W
R5509	1-218-990-81	SHORT CHIP 0
R5513	1-218-941-81	METAL CHIP 100 5% 1/16W
R5514	1-218-941-81	METAL CHIP 100 5% 1/16W
R5802	1-240-701-91	METAL CHIP 3.3K 5% 1/20W
R5901	1-218-953-11	METAL CHIP 1K 5% 1/16W
R6103	1-218-955-11	METAL CHIP 1.5K 5% 1/16W
R6104	1-218-933-11	METAL CHIP 22 5% 1/16W
R6105	1-218-933-11	METAL CHIP 22 5% 1/16W
R6124	1-218-973-11	METAL CHIP 47K 5% 1/16W
R6126	1-218-973-11	METAL CHIP 47K 5% 1/16W
R6129	1-218-959-11	METAL CHIP 3.3K 5% 1/16W
R6134	1-218-977-11	METAL CHIP 100K 5% 1/16W
R6135	1-218-965-11	METAL CHIP 10K 5% 1/16W
R6136	1-218-973-11	METAL CHIP 47K 5% 1/16W
* R6151	1-250-511-11	METAL CHIP 4.7K 1% 1/16W
R6153	1-240-718-91	METAL CHIP 100K 5% 1/20W
R6154	1-240-707-91	METAL CHIP 10K 5% 1/20W
R6158	1-218-941-81	METAL CHIP 100 5% 1/16W
R6159	1-218-945-11	METAL CHIP 220 5% 1/16W
R6160	1-218-941-81	METAL CHIP 100 5% 1/16W
R6201	1-218-953-11	METAL CHIP 1K 5% 1/16W
R6202	1-245-265-11	METAL CHIP 8.2 5% 1/16W
R6203	1-216-799-11	METAL CHIP 15 5% 1/10W
* R6503	1-250-503-11	METAL CHIP 2.2K 1% 1/16W
R6504	1-240-699-91	METAL CHIP 2.2K 5% 1/20W
R6505	1-240-699-91	METAL CHIP 2.2K 5% 1/20W
R6506	1-240-679-91	METAL CHIP 47 5% 1/20W
R6512	1-218-965-11	METAL CHIP 10K 5% 1/16W
R6513	1-218-959-11	METAL CHIP 3.3K 5% 1/16W
R6701	1-240-695-91	METAL CHIP 1K 5% 1/20W
R6702	1-218-953-11	METAL CHIP 1K 5% 1/16W
R6703	1-216-789-11	METAL CHIP 2.2 5% 1/10W
R6704	1-218-961-11	METAL CHIP 4.7K 5% 1/16W
R6705	1-218-941-81	METAL CHIP 100 5% 1/16W
R6801	1-240-683-91	METAL CHIP 100 5% 1/20W
R6802	1-240-718-91	METAL CHIP 100K 5% 1/20W
R6803	1-240-711-91	METAL CHIP 22K 5% 1/20W
R6804	1-240-729-91	METAL CHIP 1M 5% 1/20W
R6808	1-240-707-91	METAL CHIP 10K 5% 1/20W
R6809	1-240-707-91	METAL CHIP 10K 5% 1/20W
R6810	1-218-941-81	METAL CHIP 100 5% 1/16W

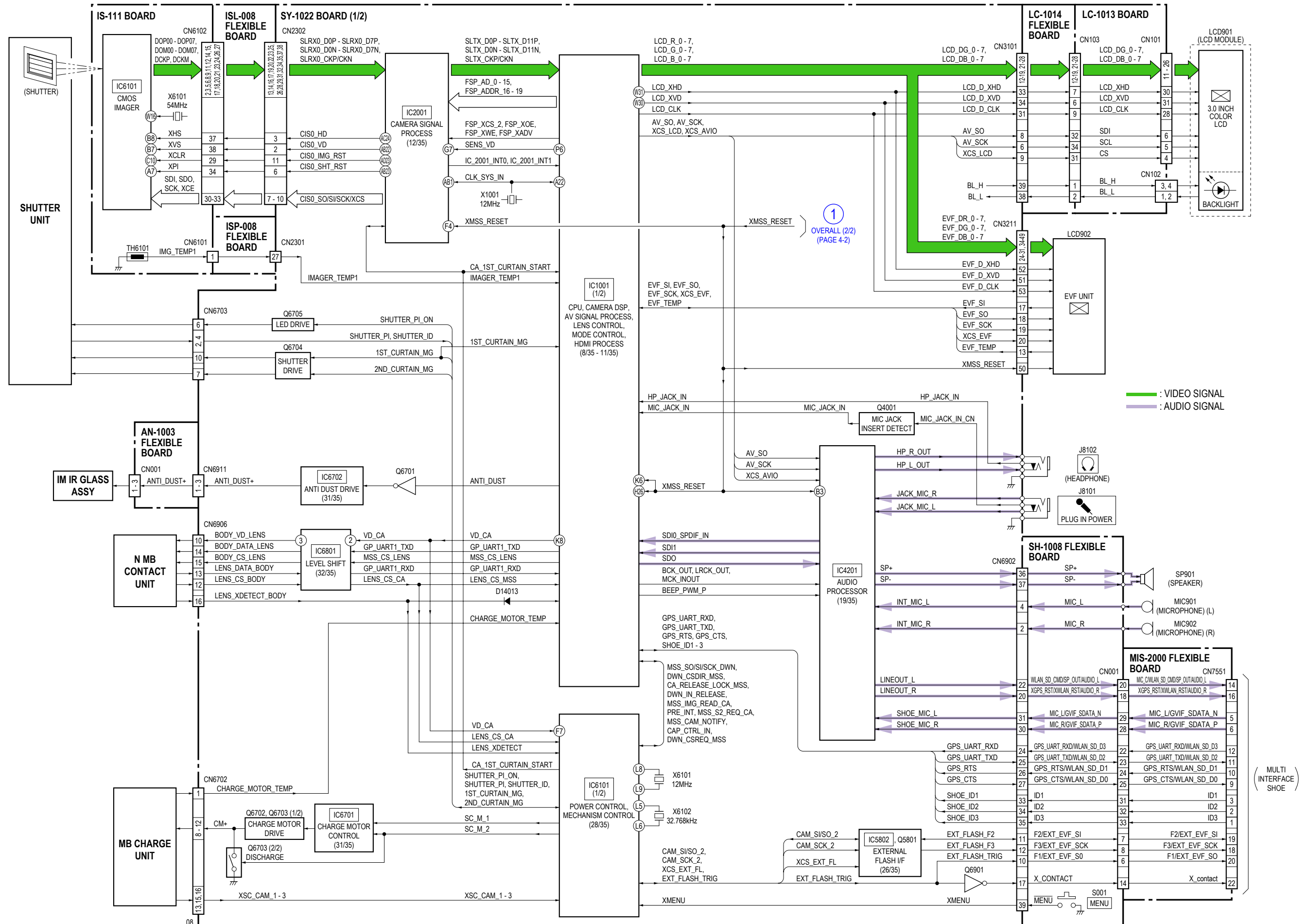
Ref. No.	Part No.	Description			
R6811	1-240-695-91	METAL CHIP	1K	5%	1/20W
R6812	1-240-729-91	METAL CHIP	1M	5%	1/20W
R6813	1-240-707-91	METAL CHIP	10K	5%	1/20W
R6814	1-240-707-91	METAL CHIP	10K	5%	1/20W
R6818	1-240-703-91	METAL CHIP	4.7K	5%	1/20W
R6914	1-218-965-11	METAL CHIP	10K	5%	1/16W
R6915	1-218-965-11	METAL CHIP	10K	5%	1/16W
R6928	1-218-957-11	METAL CHIP	2.2K	5%	1/16W
R6929	1-218-959-11	METAL CHIP	3.3K	5%	1/16W
R6930	1-218-961-11	METAL CHIP	4.7K	5%	1/16W
R6931	1-218-965-11	METAL CHIP	10K	5%	1/16W
R6932	1-240-707-91	METAL CHIP	10K	5%	1/20W
R6933	1-240-714-91	METAL CHIP	47K	5%	1/20W
R8106	1-218-934-11	METAL CHIP	27	5%	1/16W
R8107	1-218-934-11	METAL CHIP	27	5%	1/16W
R8401	1-218-953-11	METAL CHIP	1K	5%	1/16W
< COMPOSITION CIRCUIT BLOCK >					
RB1201	1-234-377-21	RES, NETWORK	4.7K (1005X4)		
RB1202	1-234-375-21	RES, NETWORK	1K (1005X4)		
RB1401	1-242-963-21	RES, NETWORK	33 (1005X4)		
RB1407	1-234-381-11	RES, NETWORK	100K (1005X4)		
RB1408	1-234-378-21	RES, NETWORK	10K (1005X4)		
RB1414	1-234-383-21	RES, NETWORK	470K (1005X4)		
RB2001	1-234-378-21	RES, NETWORK	10K (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)		
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)		
RB3101	1-234-387-21	RES, NETWORK	330 (1005X4)		
RB3201	1-234-387-21	RES, NETWORK	330 (1005X4)		
RB5501	1-234-372-11	RES, NETWORK	100 (1005X4)		
RB5801	1-234-381-11	RES, NETWORK	100K (1005X4)		
* RB6102	1-234-384-11	RES, NETWORK	1M (1005X4)		
RB6103	1-234-380-21	RES, NETWORK	47K (1005X4)		
RB6701	1-234-381-11	RES, NETWORK	100K (1005X4)		
RB6702	1-234-381-11	RES, NETWORK	100K (1005X4)		
RB6801	1-234-378-21	RES, NETWORK	10K (1005X4)		
RB6802	1-234-381-11	RES, NETWORK	100K (1005X4)		
RB6803	1-234-374-21	RES, NETWORK	470 (1005X4)		
RB6804	1-234-374-21	RES, NETWORK	470 (1005X4)		
RB6901	1-234-381-11	RES, NETWORK	100K (1005X4)		
< SENSOR >					
SE5401	1-490-064-22	SENSOR 3 AXIAL ACCELERATION			
< VARISTOR >					
* VDR681	1-802-128-11	VARISTOR (SMD)			

Ref. No.	Part No.	Description
		< VIBRATOR >
X1001	(Not supplied)	QUARTZ CRYSTAL OSCILLATOR (12MHz)
X6101	1-814-304-11	VIBRATOR, CRYSTAL (12MHz)
X6102	1-781-525-11	VIBRATOR, CRYSTAL (32.768kHz)

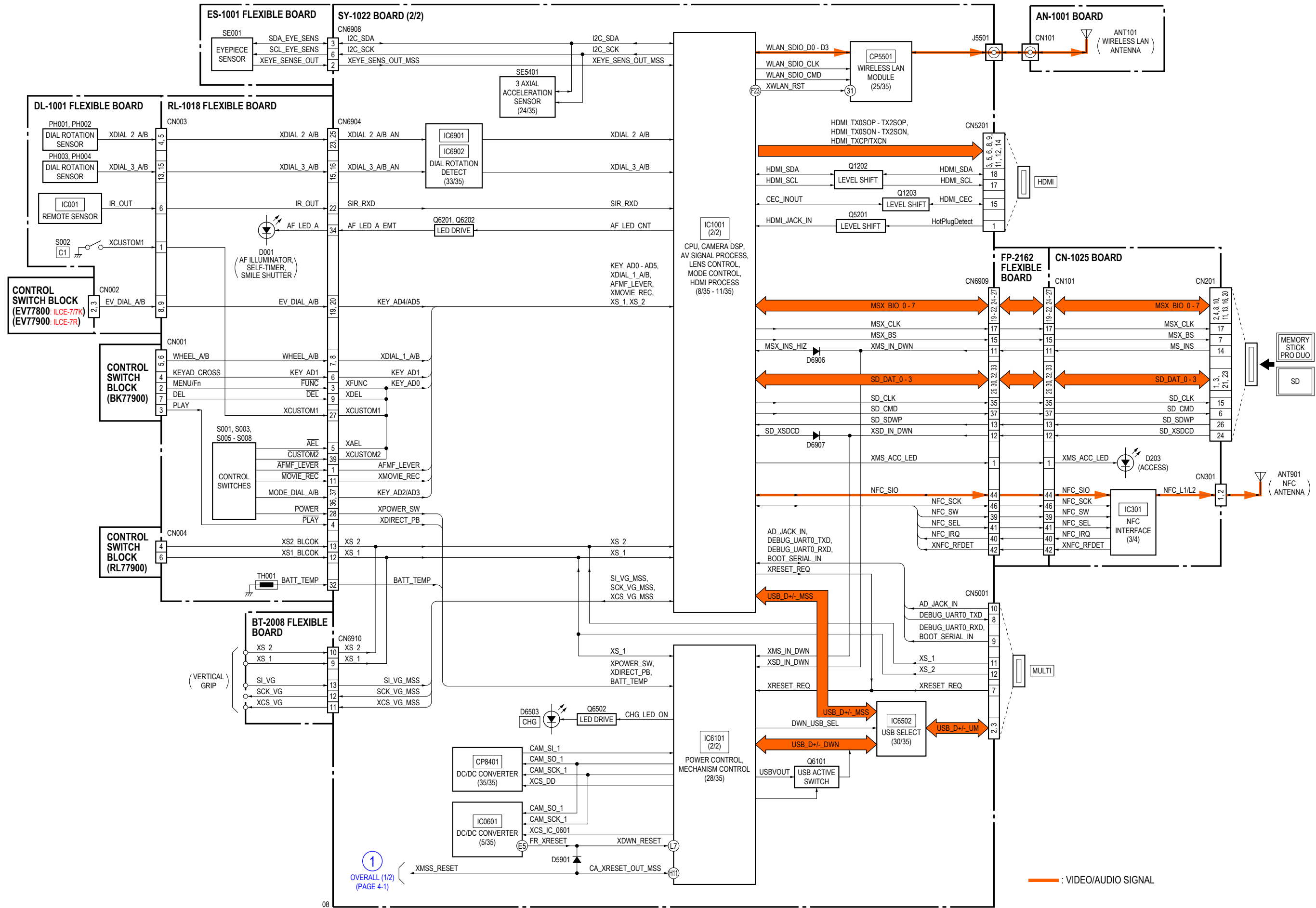


4. BLOCK DIAGRAMS

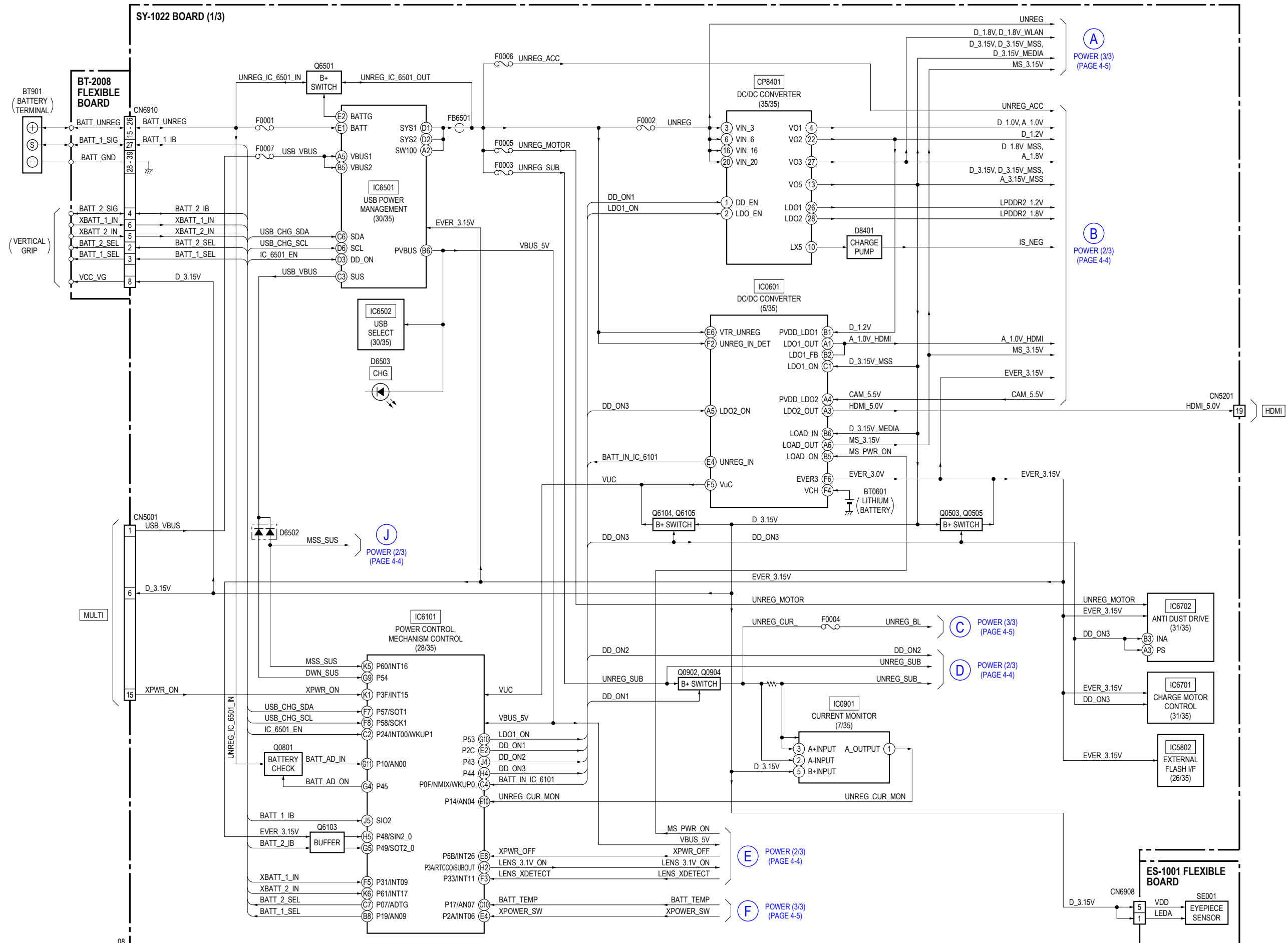
4-1. OVERALL BLOCK DIAGRAM (1/2) () : Number in parenthesis () indicates the division number of schematic diagram where the component is located.



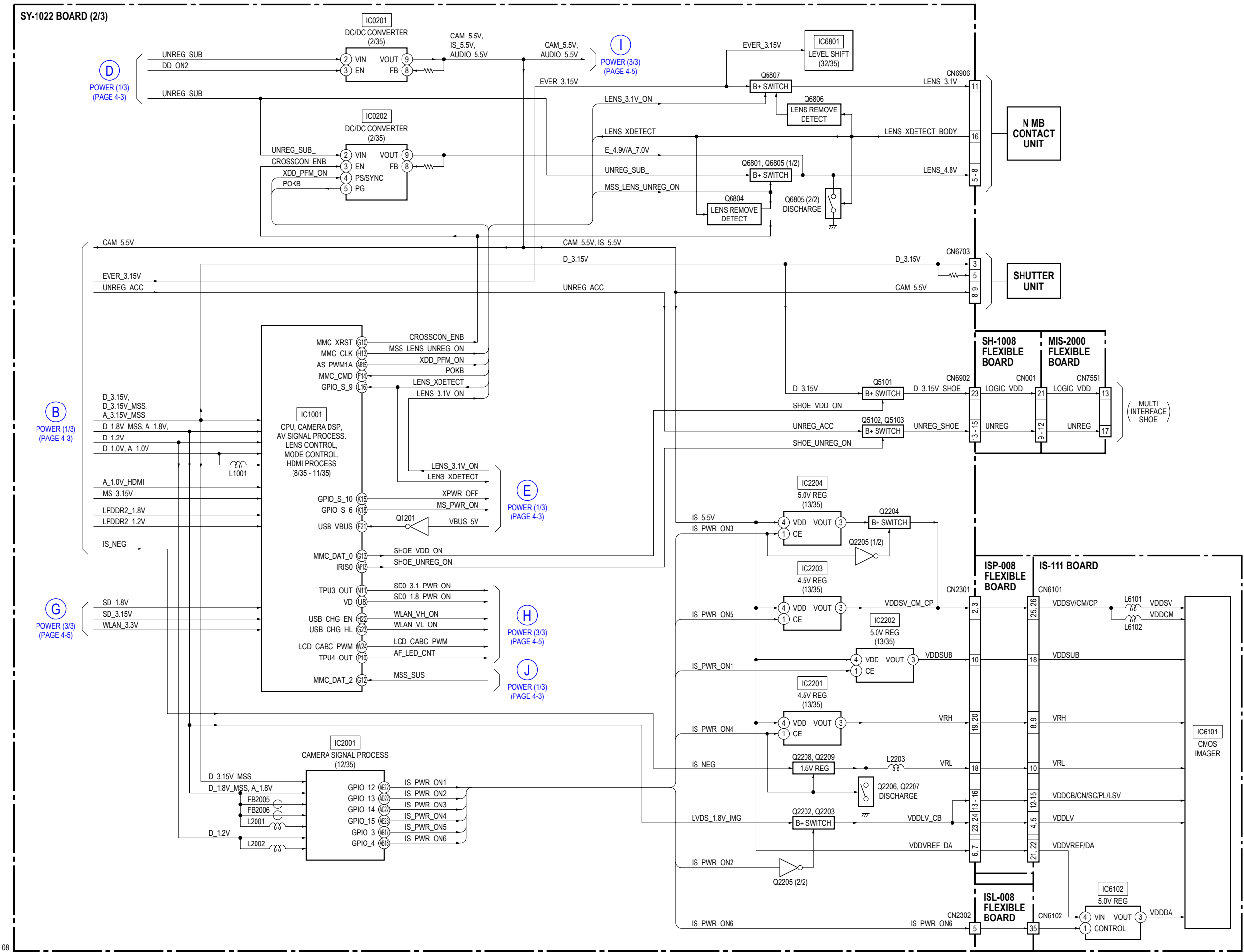
4-2. OVERALL BLOCK DIAGRAM (2/2) () : Number in parenthesis () indicates the division number of schematic diagram where the component is located.



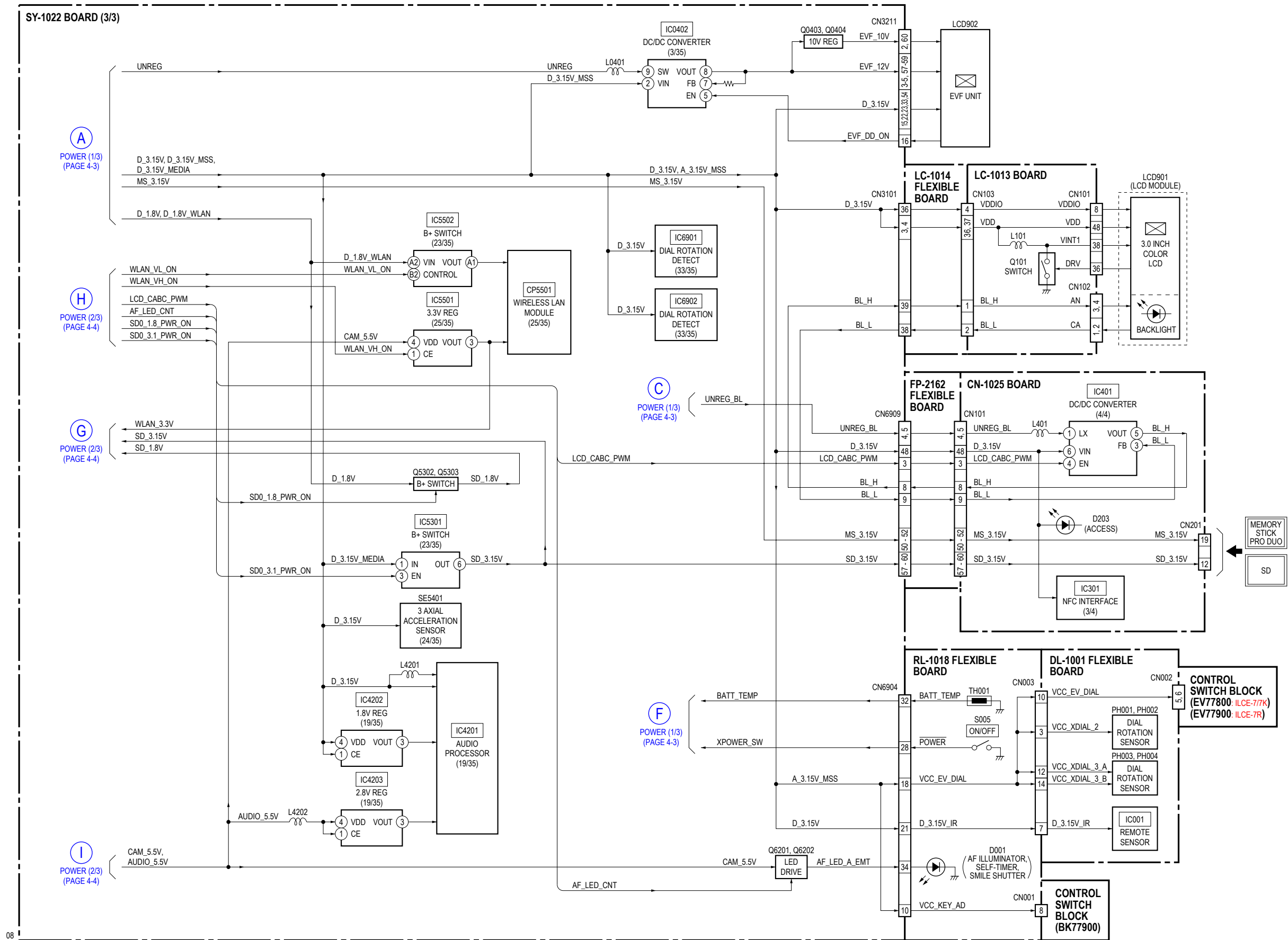
4-3. POWER BLOCK DIAGRAM (1/3) () : Number in parenthesis () indicates the division number of schematic diagram where the component is located.



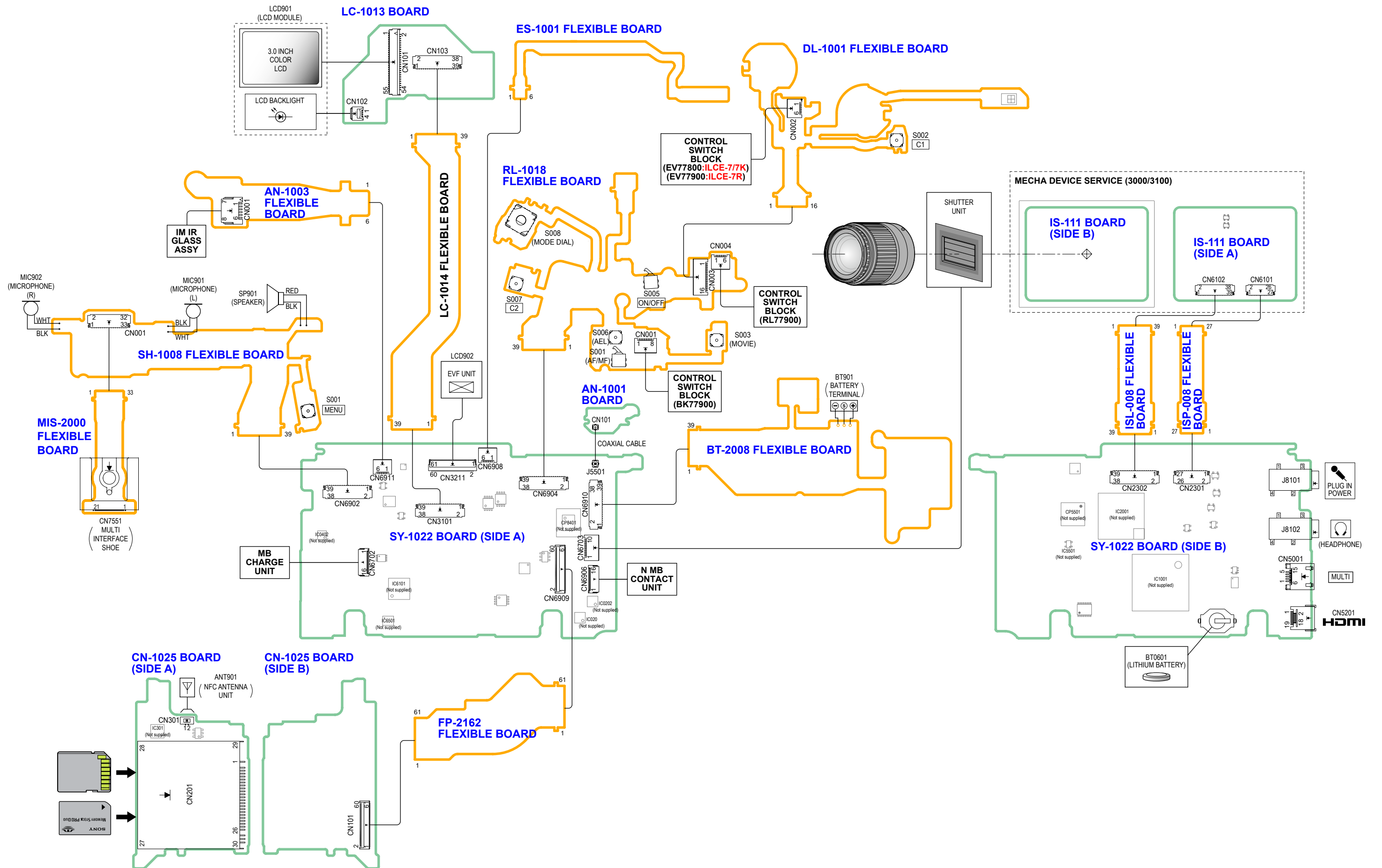
4-4. POWER BLOCK DIAGRAM (2/3) () : Number in parenthesis () indicates the division number of schematic diagram where the component is located.



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



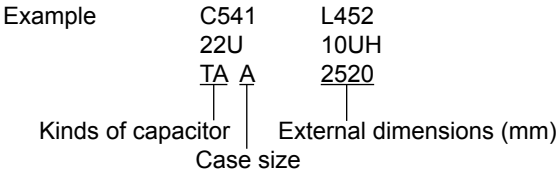
6. SCHEMATIC DIAGRAMS AND PRINTED WIRING BOARDS

– 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

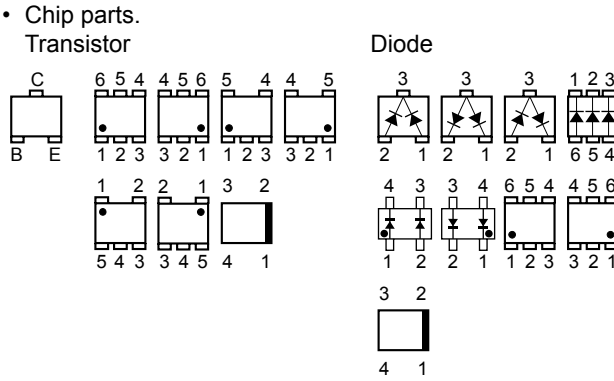
- All capacitors are in μF unless otherwise noted. pF : μF . 50 V or less are not indicated except for electrolytics and tantalums.
- Chip resistors are 1/10 W unless otherwise noted. $\text{k}\Omega=1000\ \Omega$, $\text{M}\Omega=1000\ \text{k}\Omega$.
- Caution when replacing chip parts.
New parts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

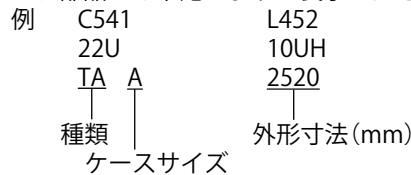
Les composants identifiés par une marque Δ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

– 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

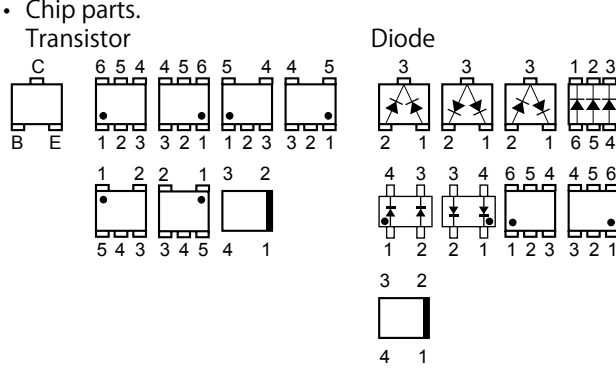
- ケミコン, タンタルを除くコンデンサで, 耐圧50V以下のものはその耐圧を省略。単位はすべて μF (pはpF)。
- チップ抵抗で指示のないものは, 1/10W以下。
 $\text{k}\Omega=1000\ \Omega$, $\text{M}\Omega=1000\ \text{k}\Omega$
- チップ部品交換時の注意
取り外した部品は再使用せず, 未使用の部品をご使用ください。
タンタルコンデンサのマイナス側は熱に弱いため注意してください。
- チップ部品には下記のように表示したものがあります。



- 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。



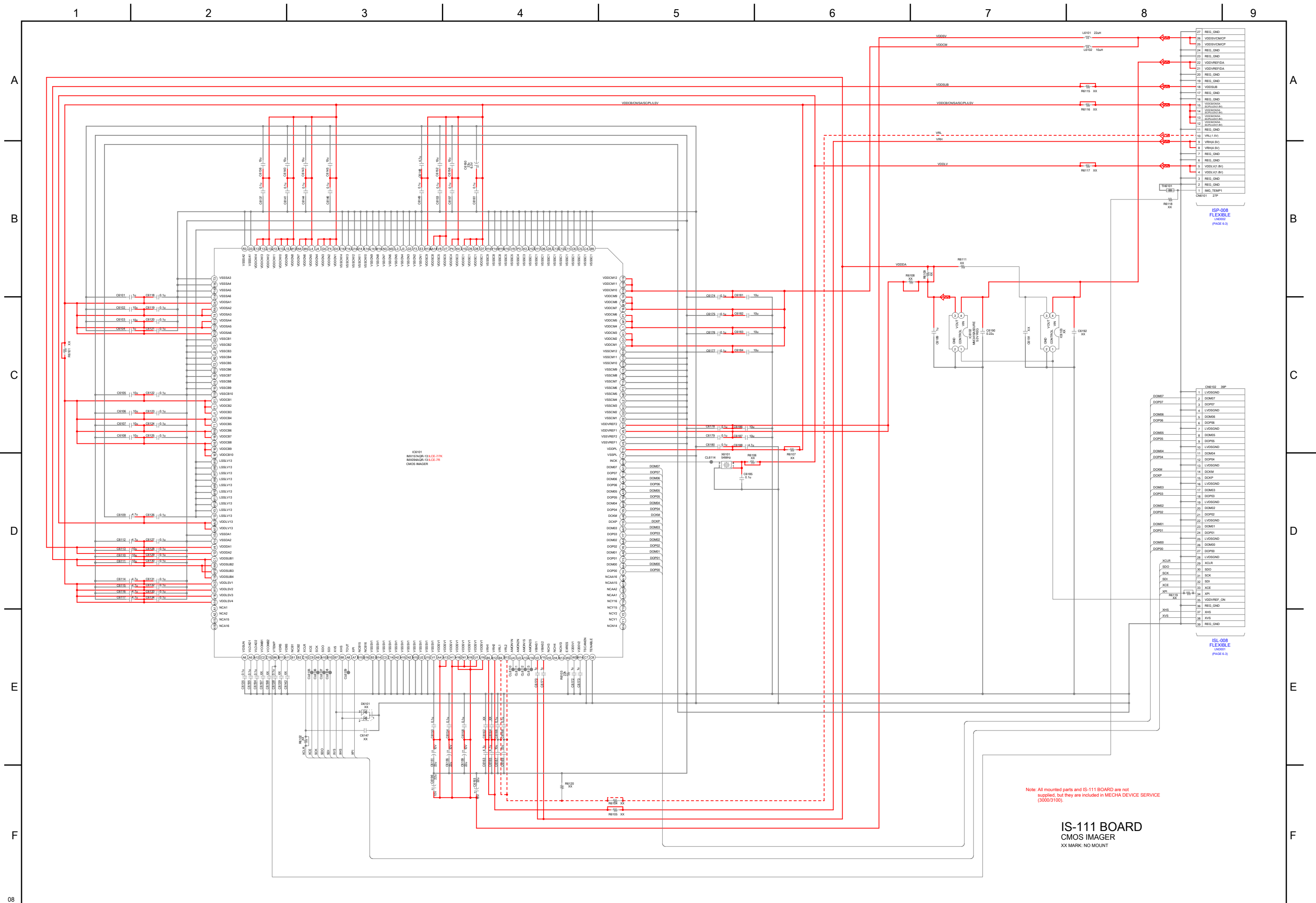
イメージ交換時の注意

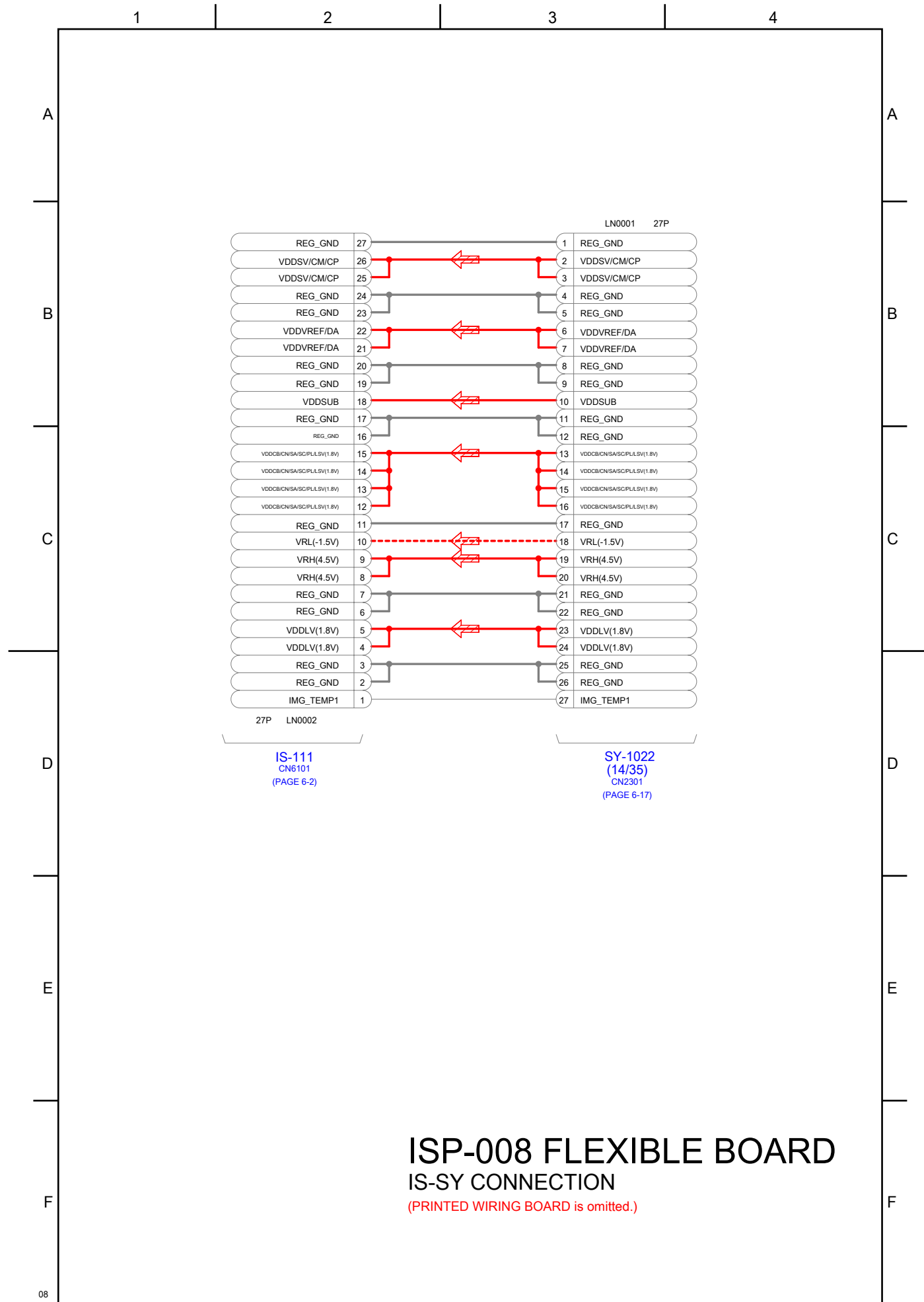
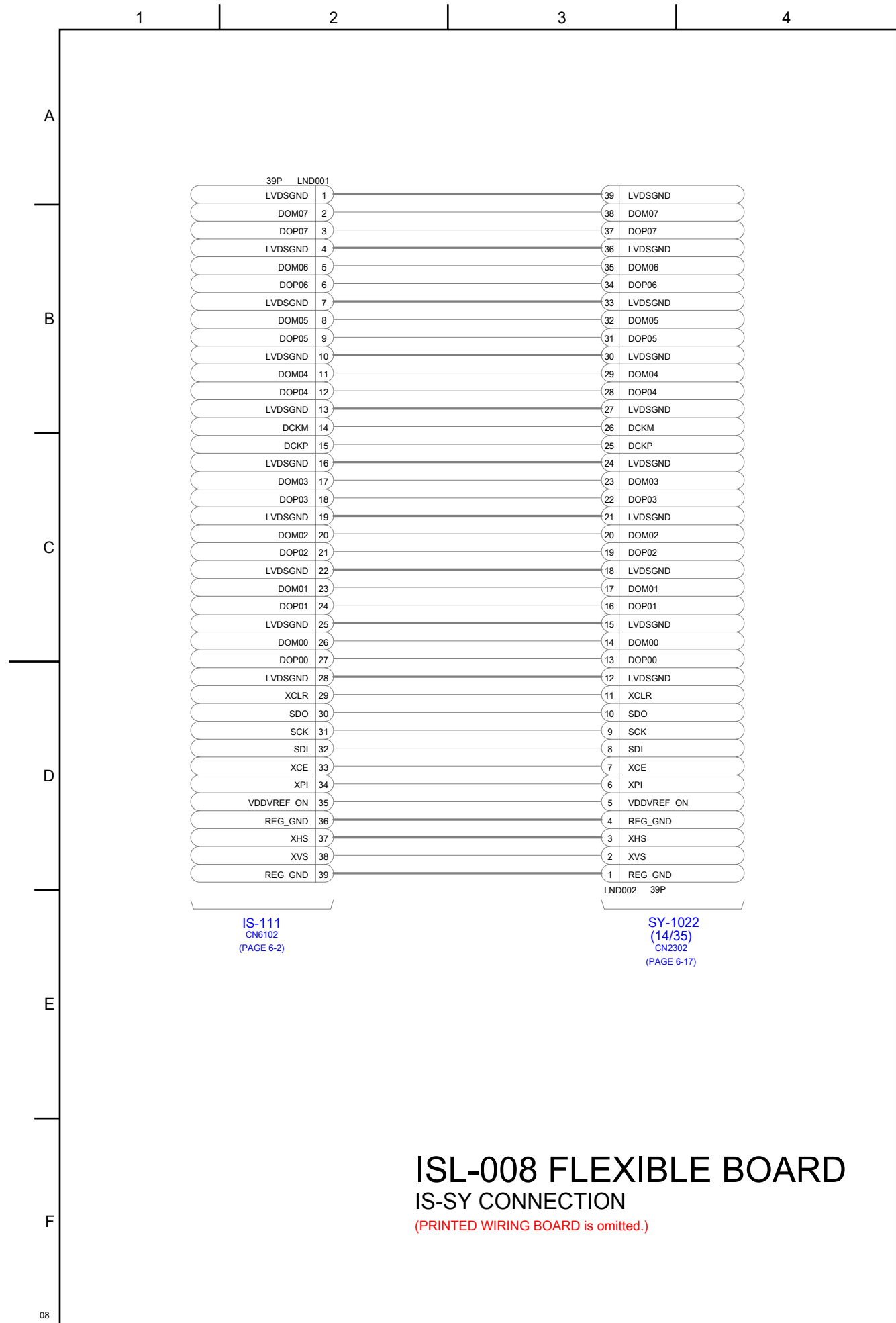
- イメージャを交換した場合は, カメラ部の全調整を行ってください。
- イメージャは構造上, 静電気により破壊される恐れがあるため, MOS ICと同様に注意して取り扱ってください。
また, 受光部にはゴミの付着, および強い光はいることのないように注意してください。

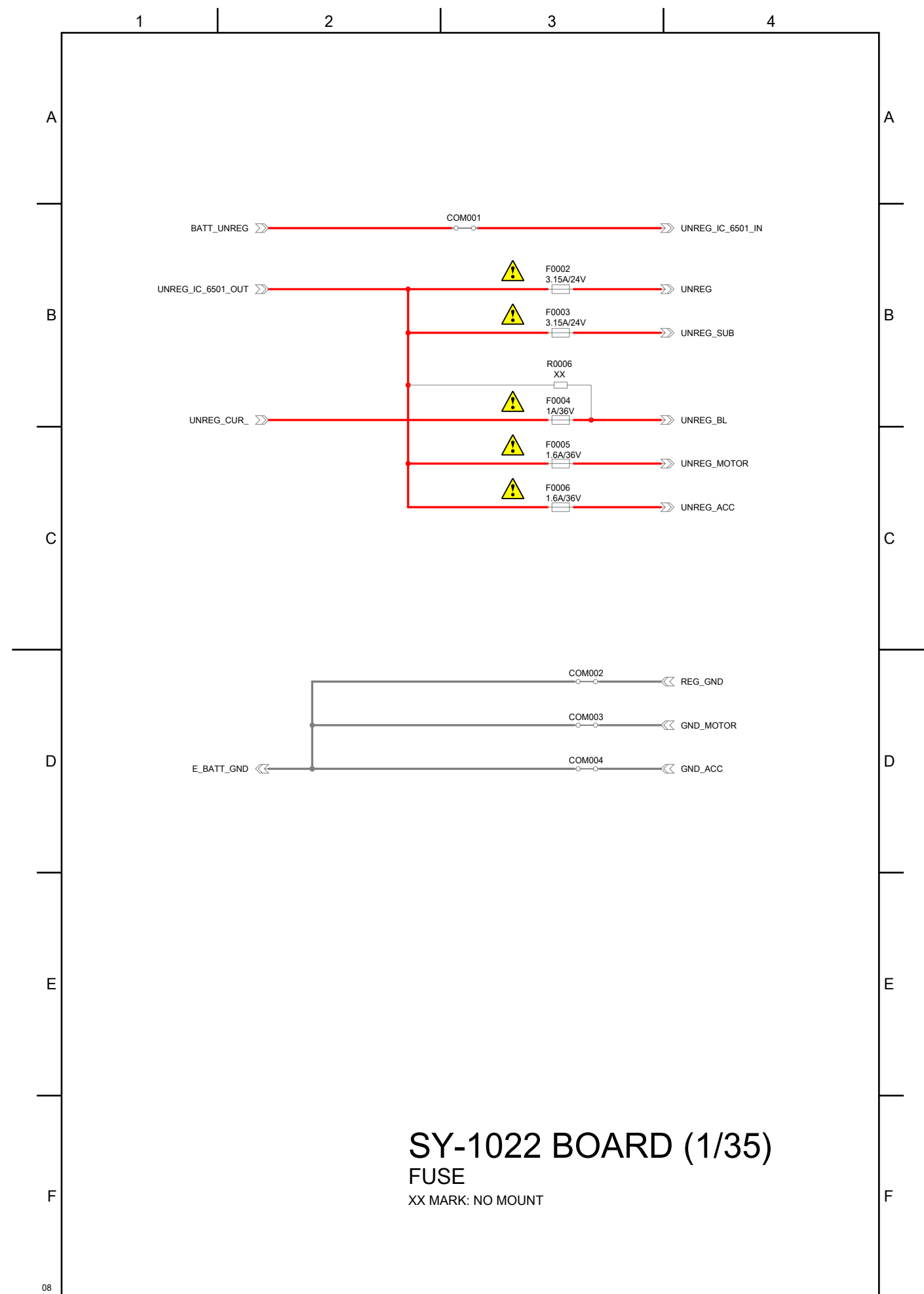
— お願い —
図面番号で部品を指定するときは基板名又はブロックを併せて指定してください。

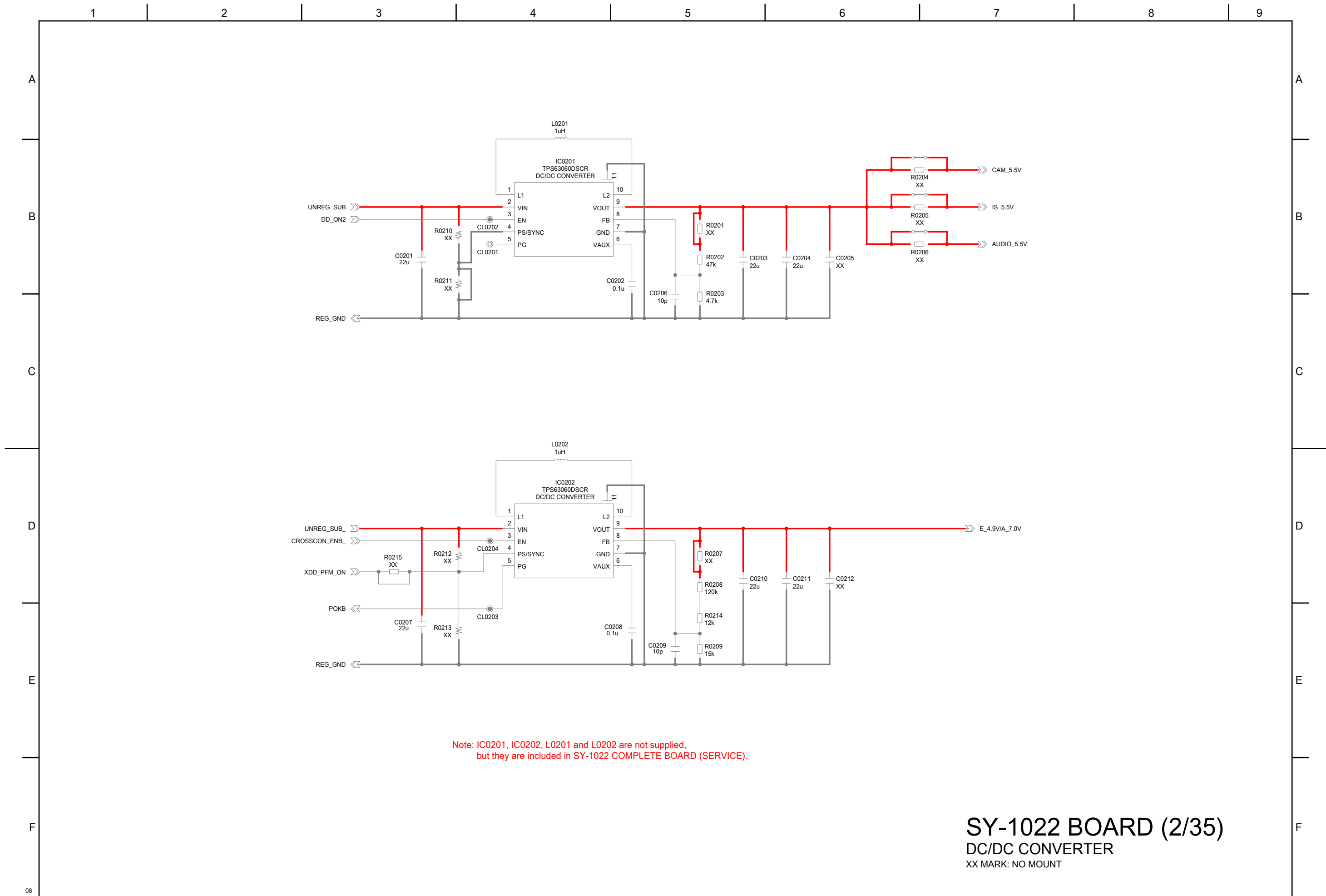
Δ 印の部品, または Δ 印付の点線で囲まれた部品は, 安全性を維持するために, 重要な部品です。
従って交換時は, 必ず指定の部品を使用してください。

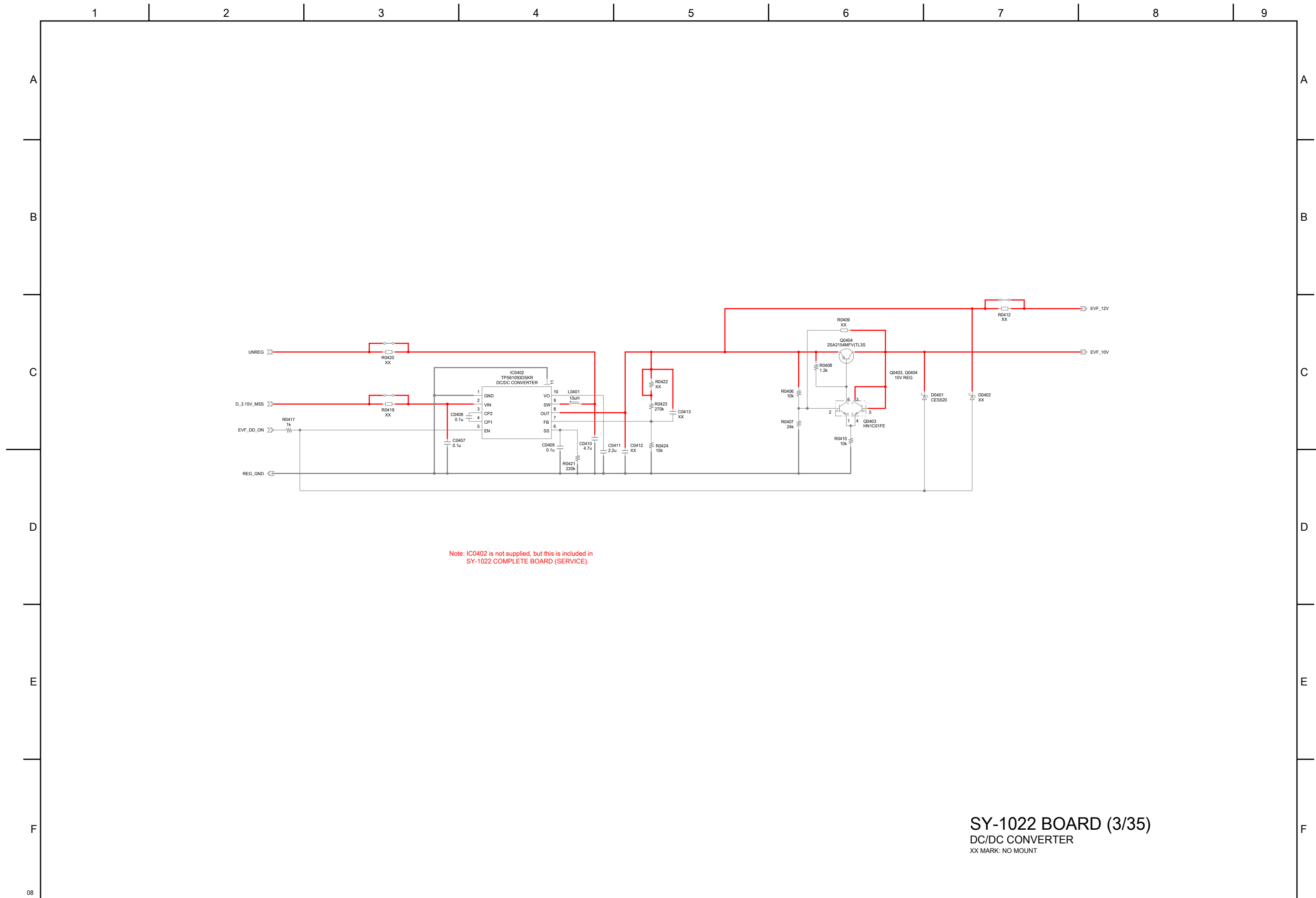
6-1. SCHEMATIC DIAGRAMS

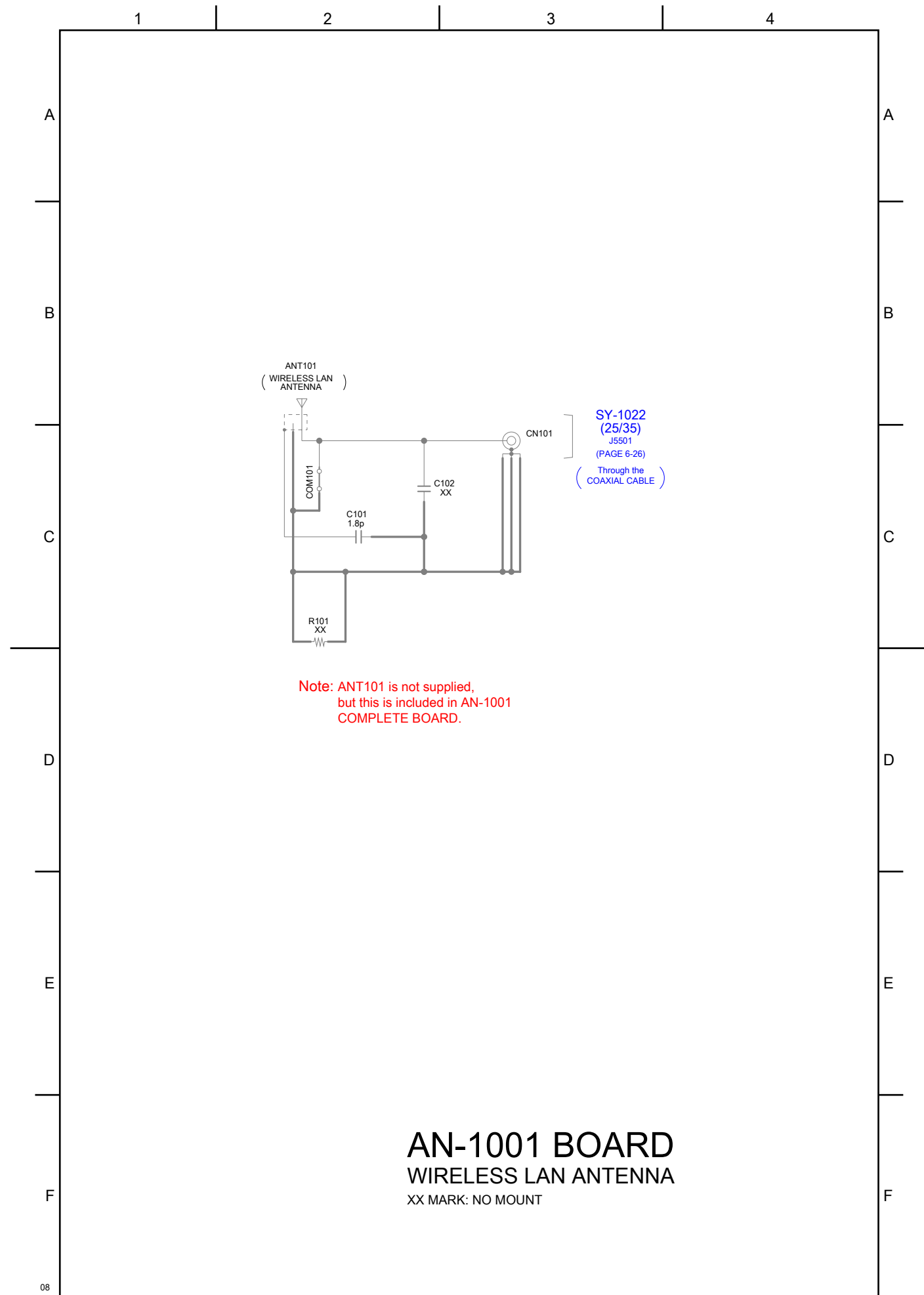
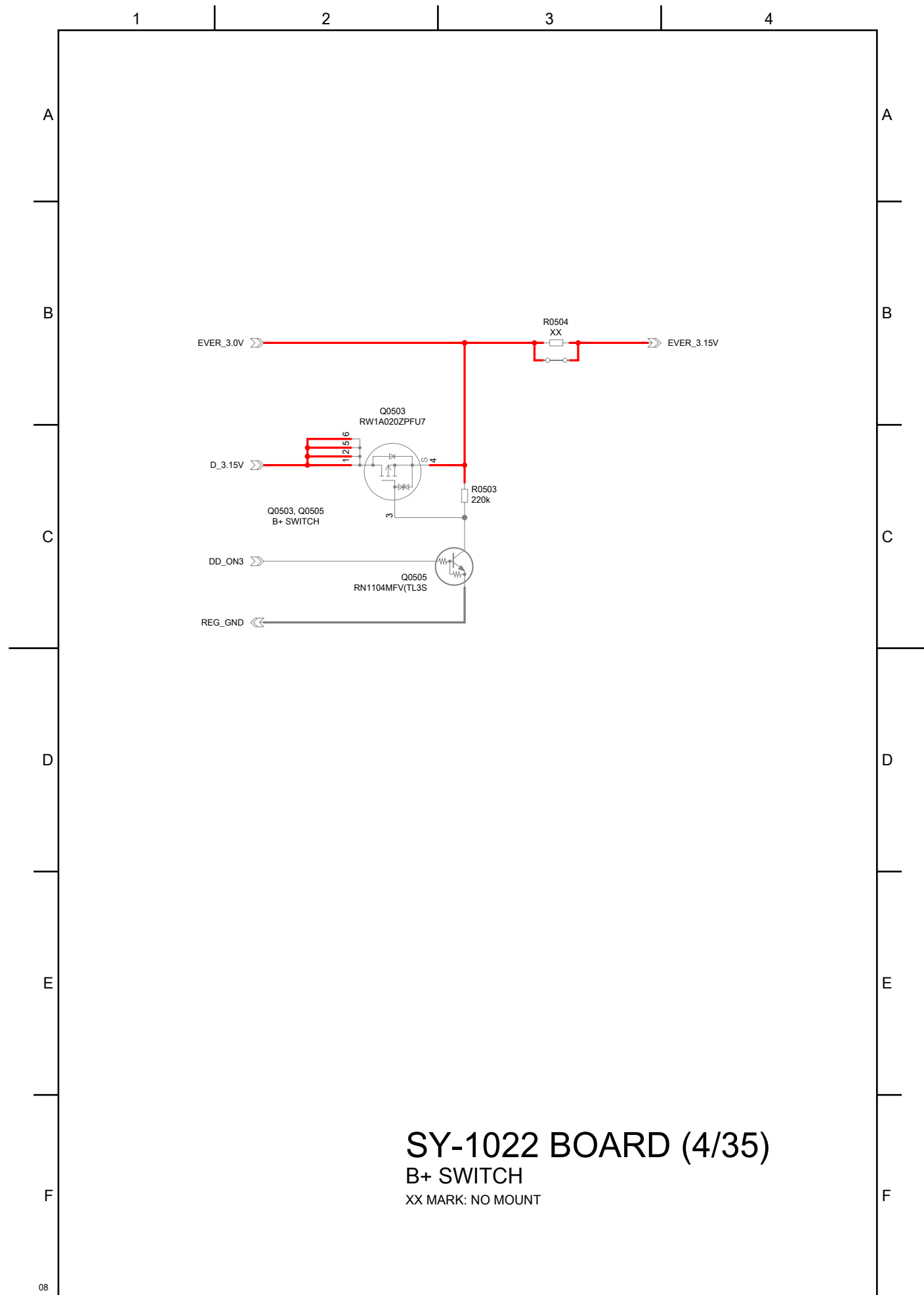


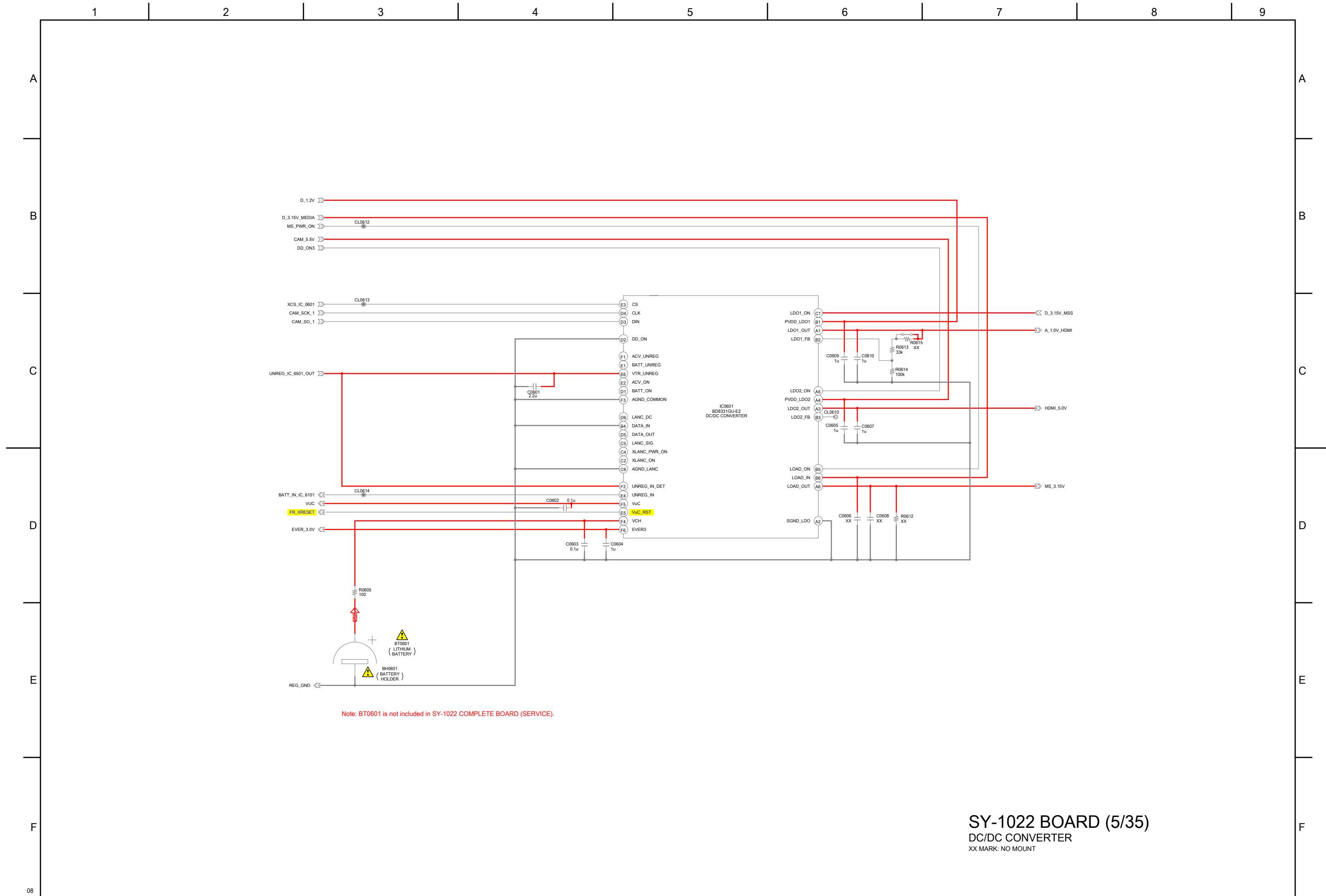


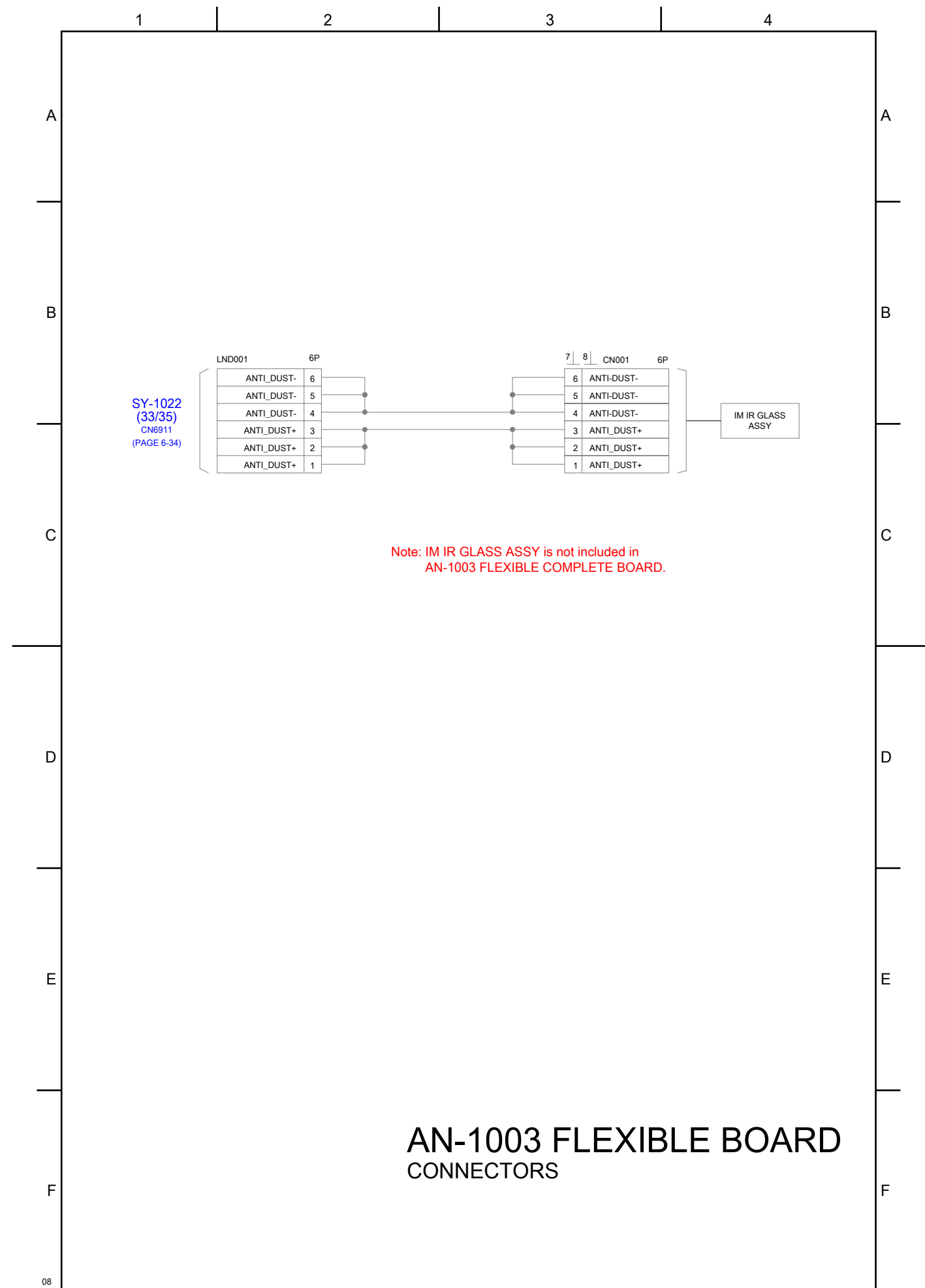
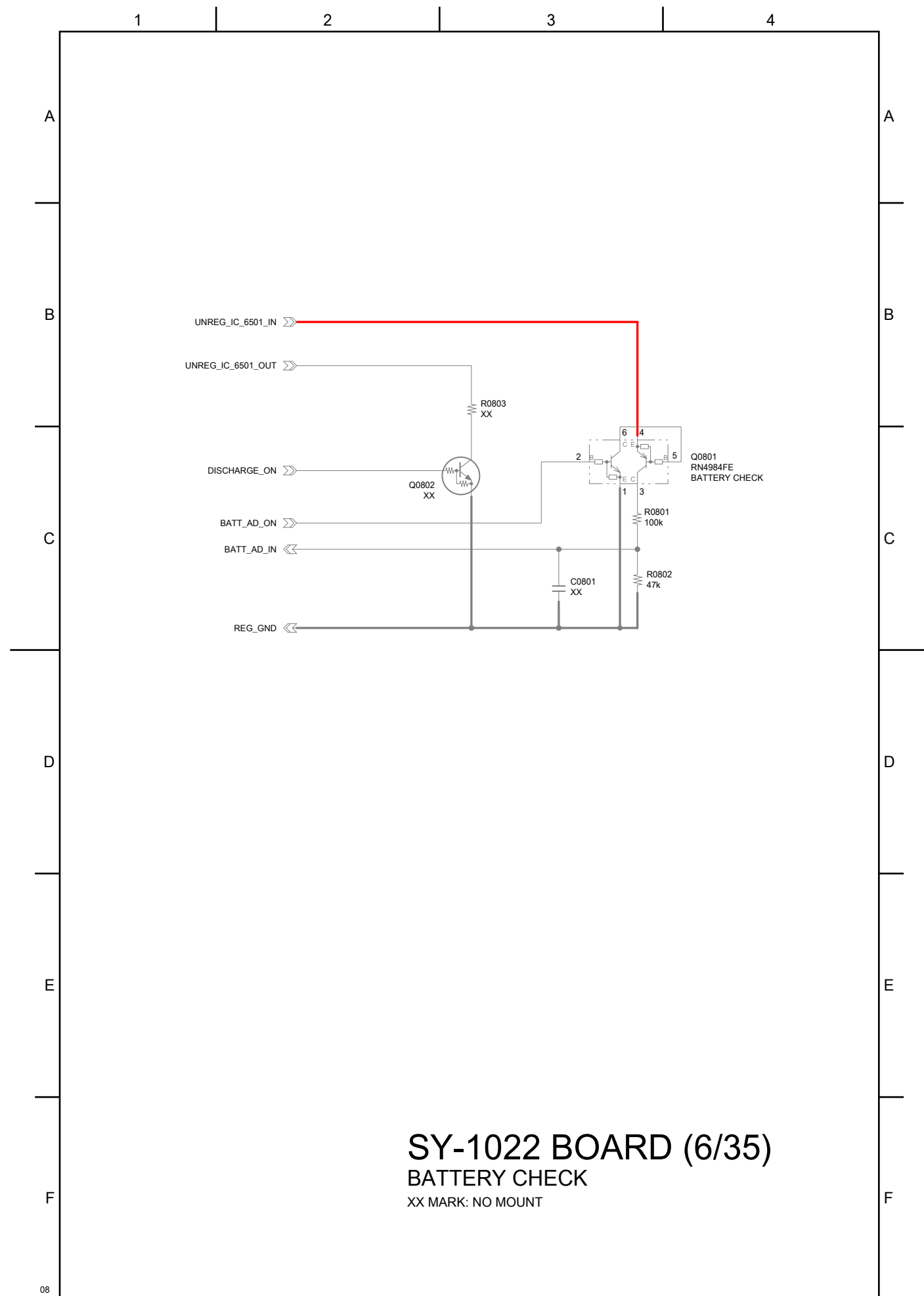


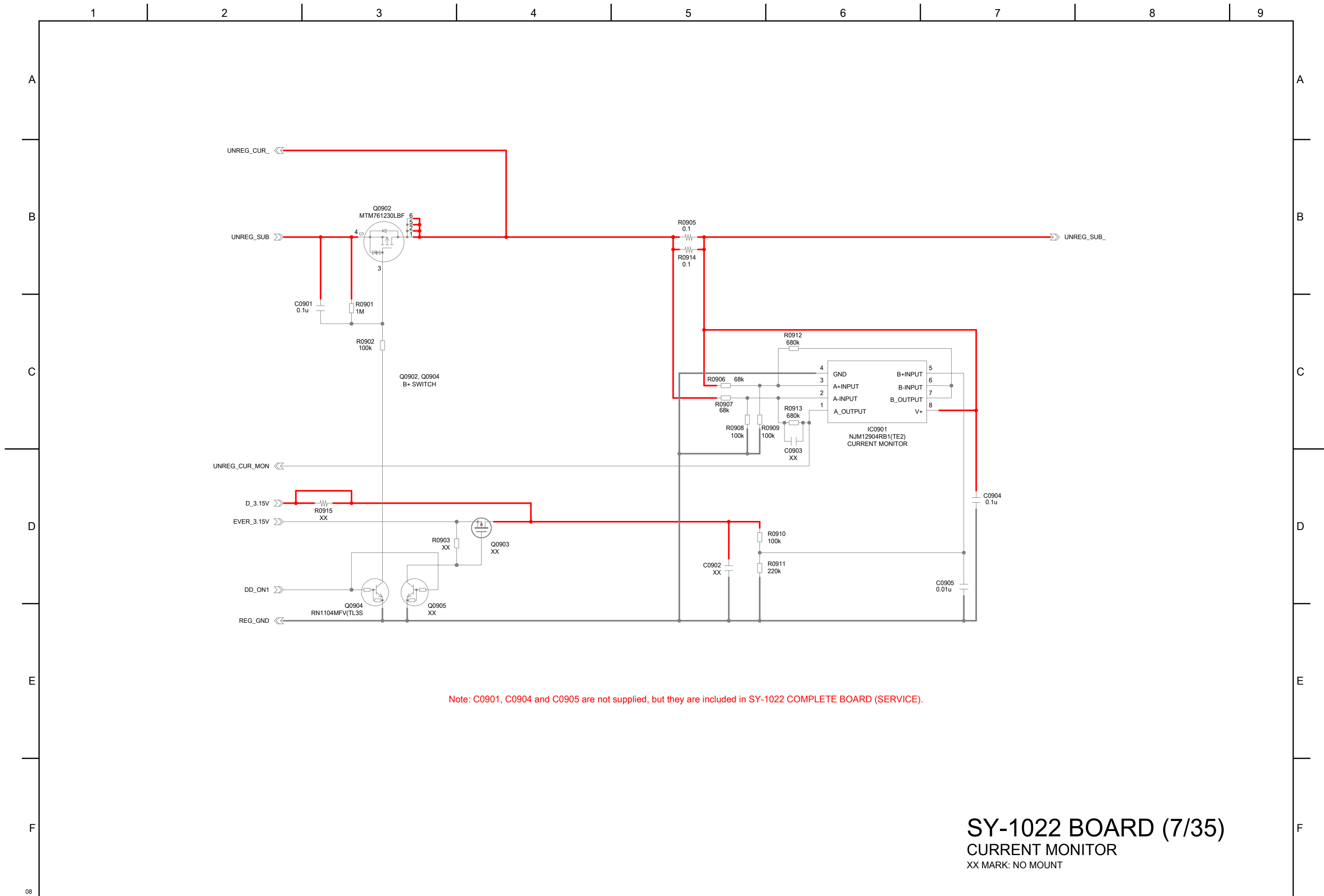


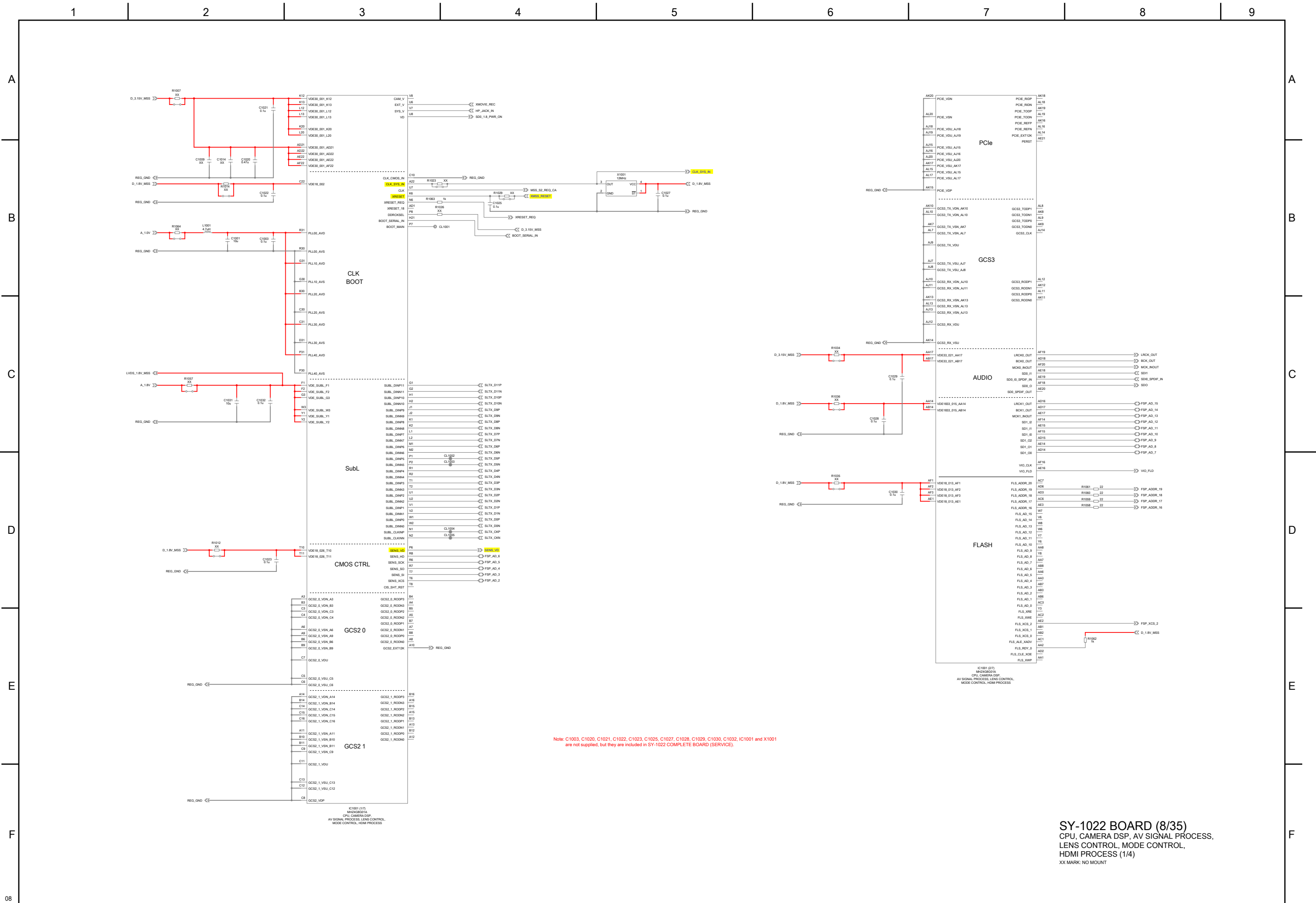


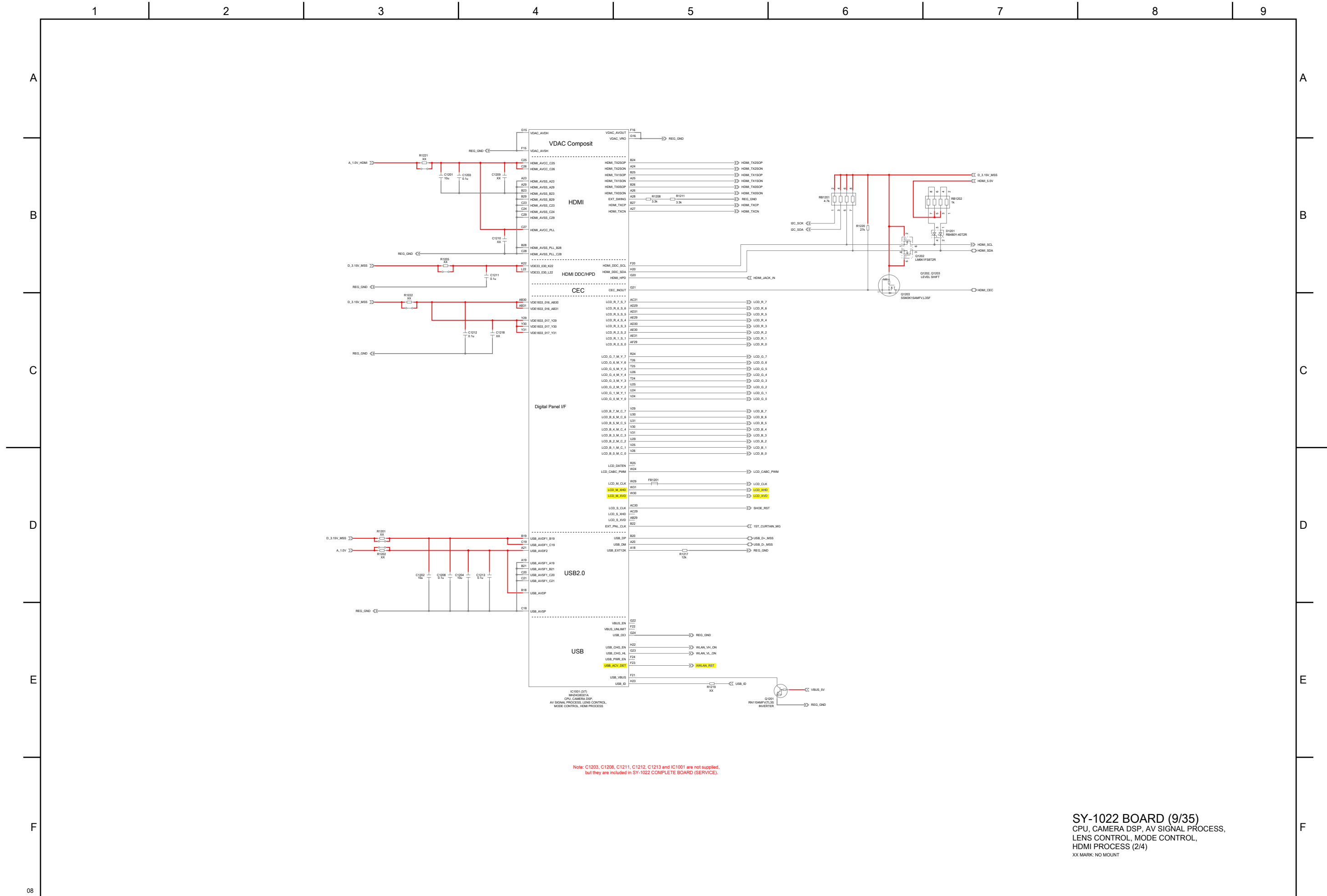


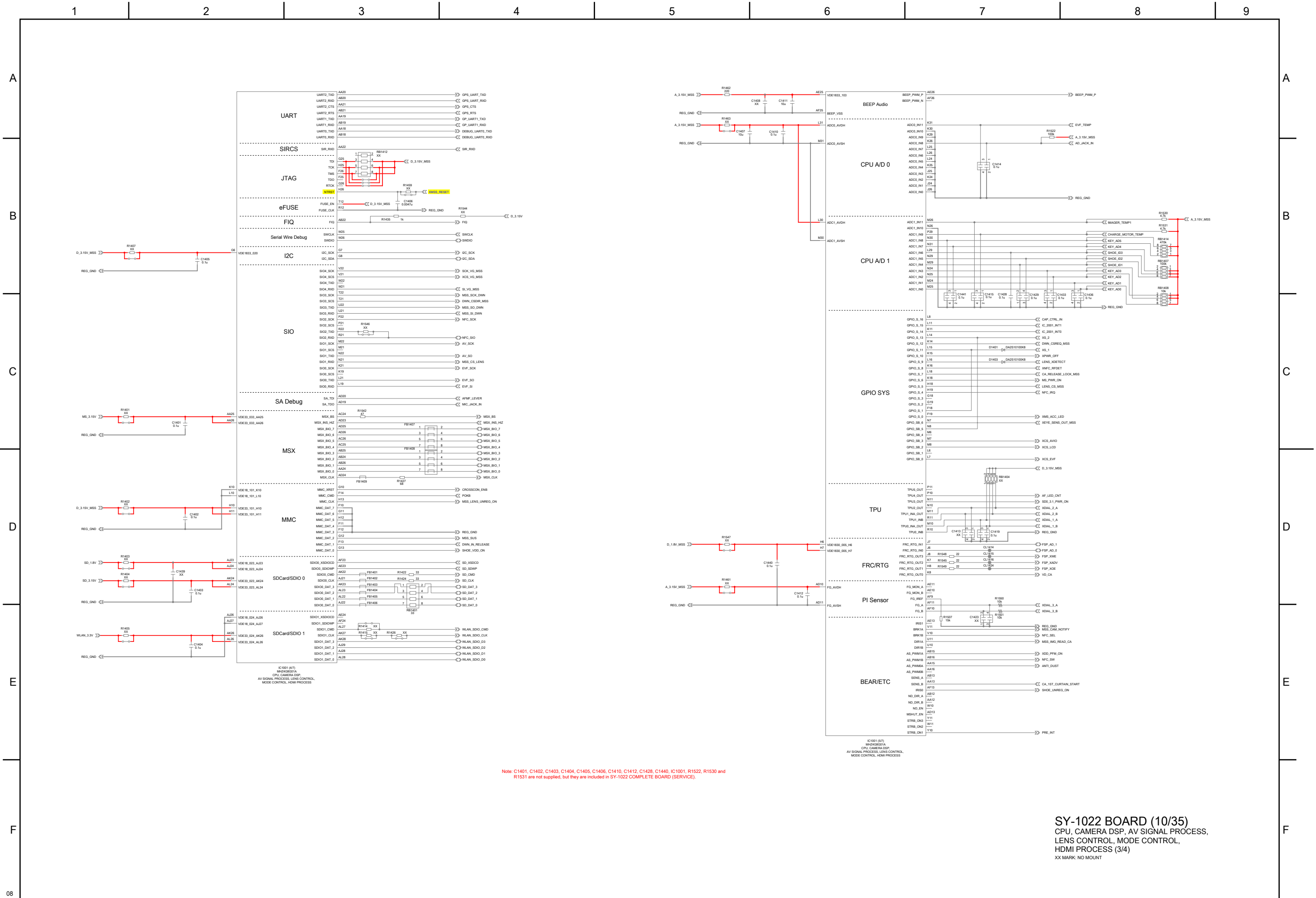




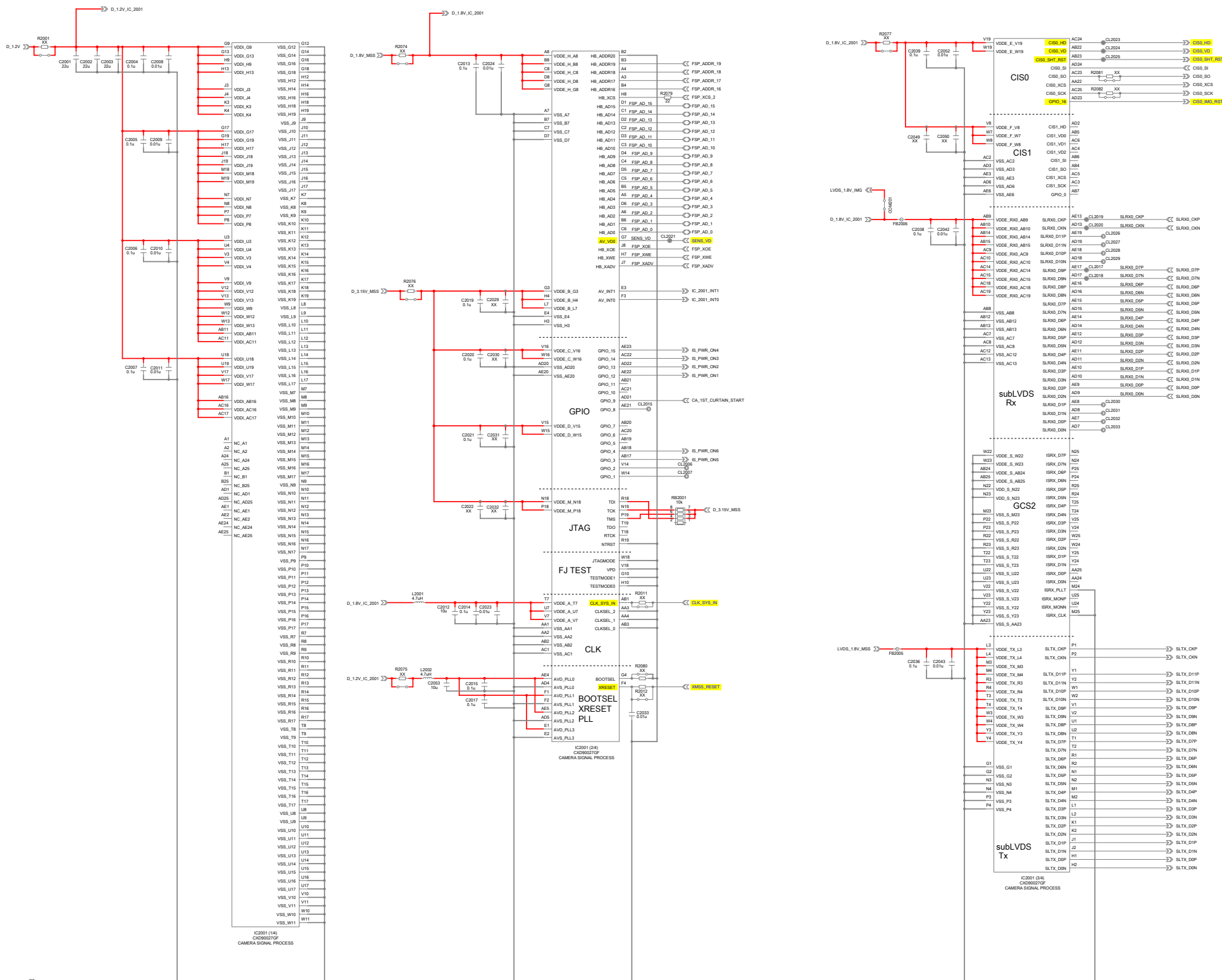


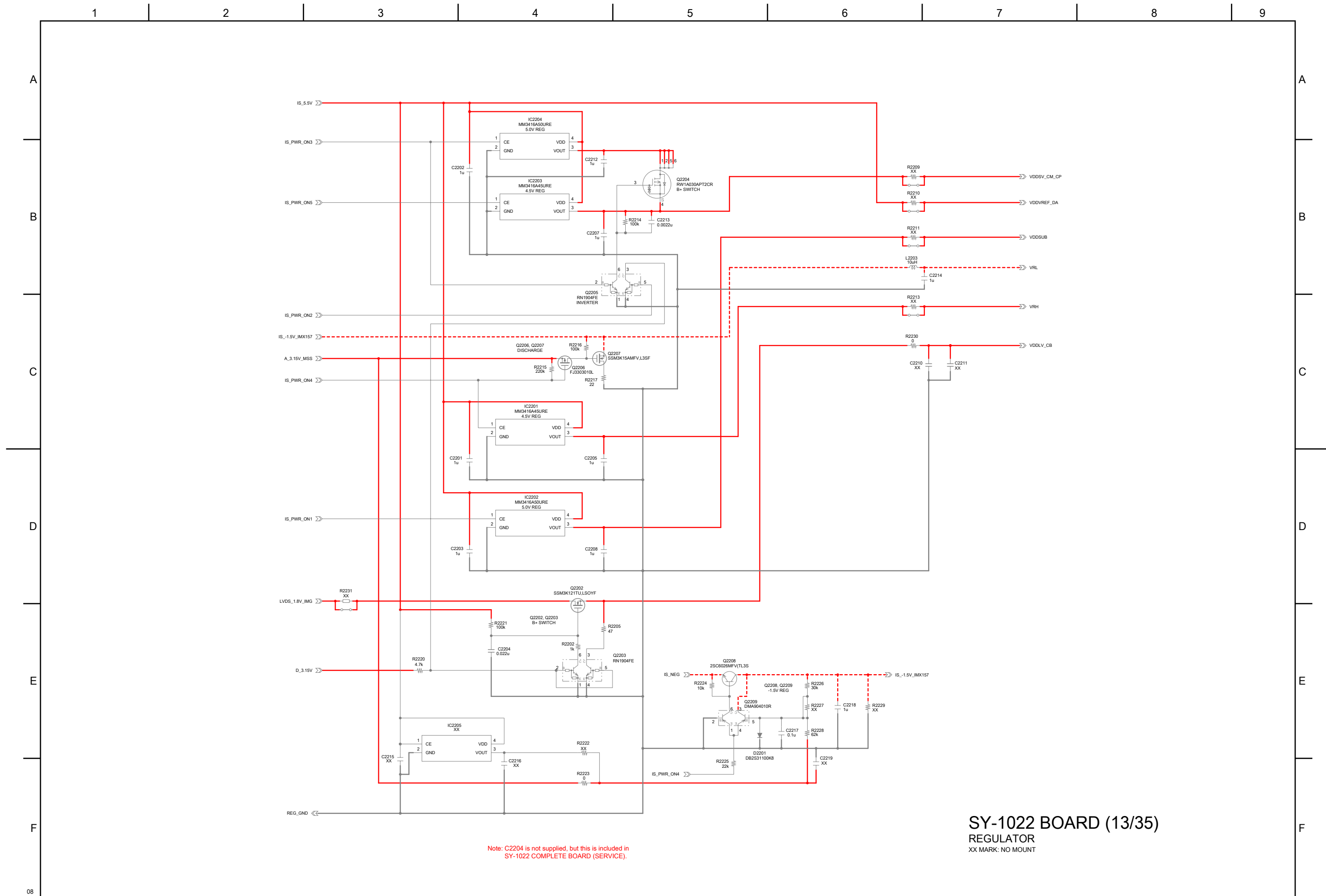


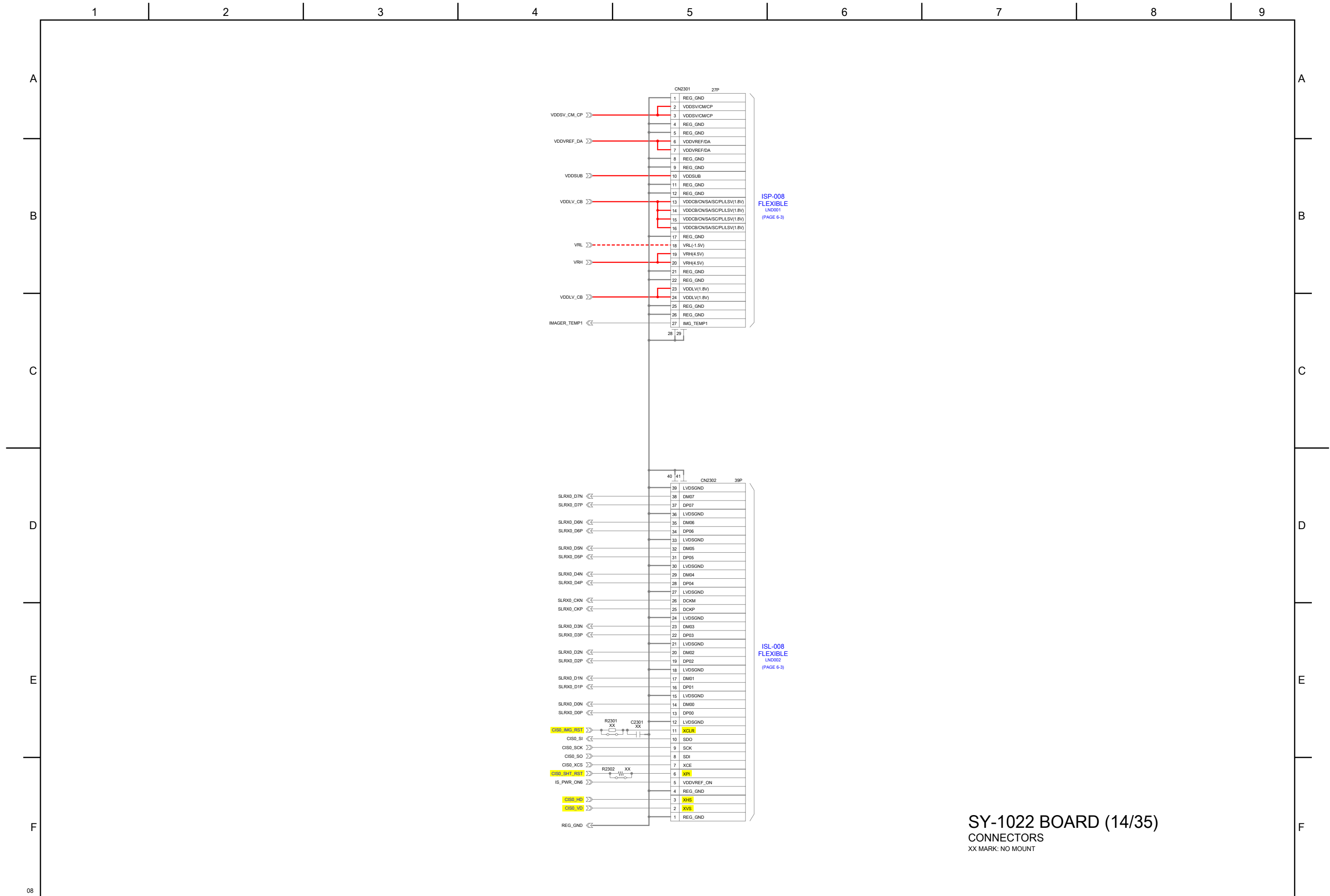




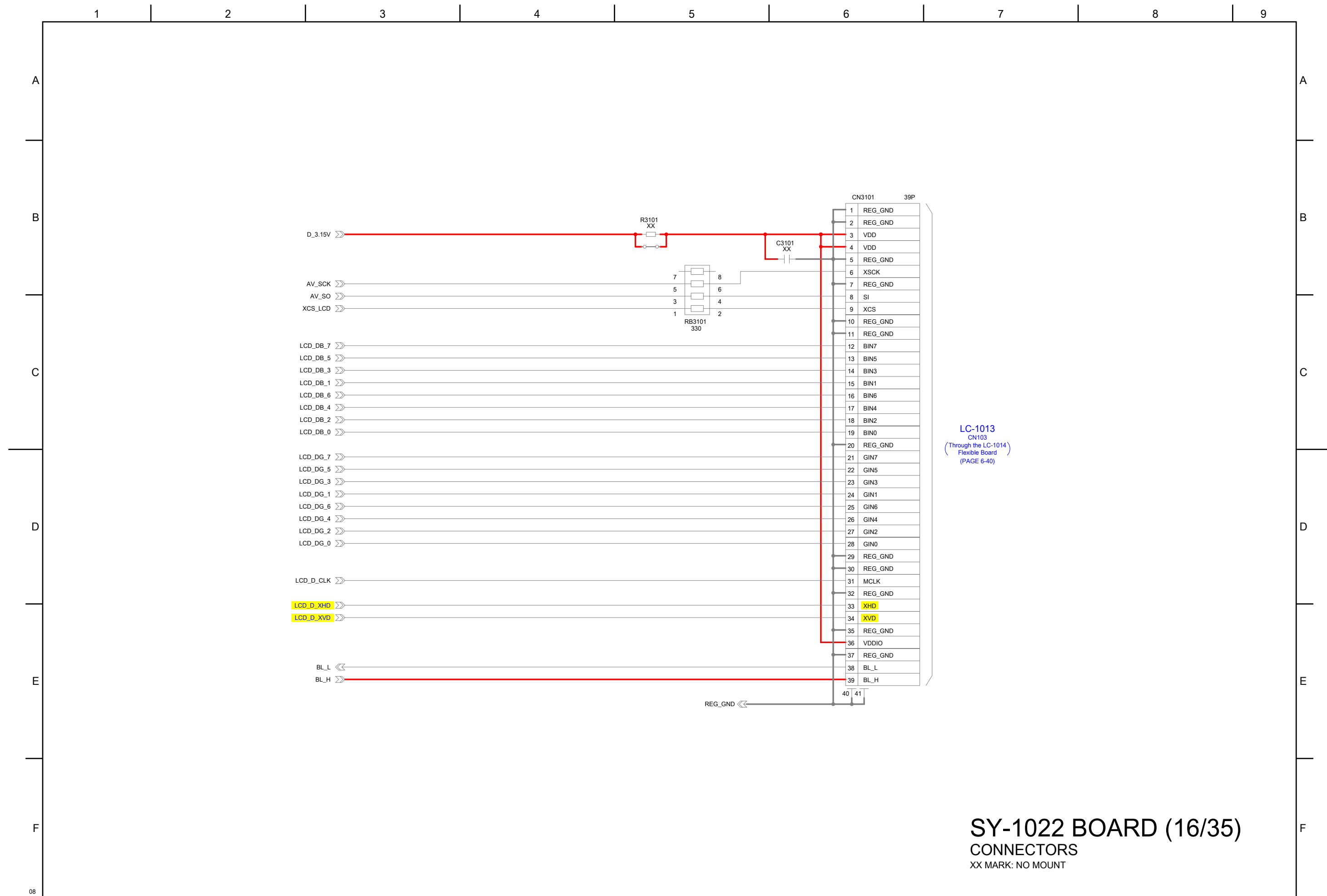
Note: C2008, C2009, C2010, C2011, C2023, C2024, C2043, C2052 and IC2001 are not supplied, but they are included in SY-1022 COMPLETE BOARD (SERVICE).

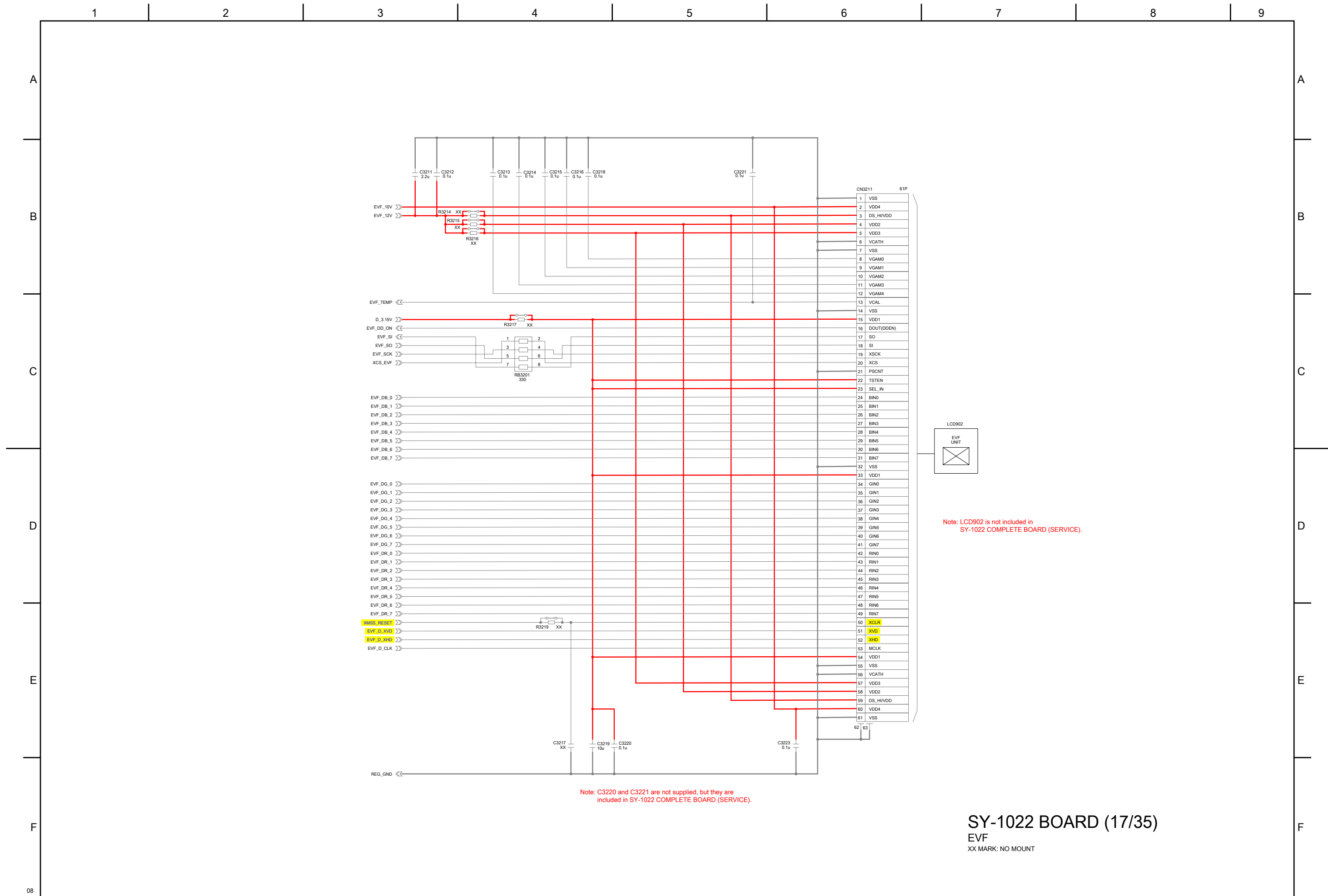


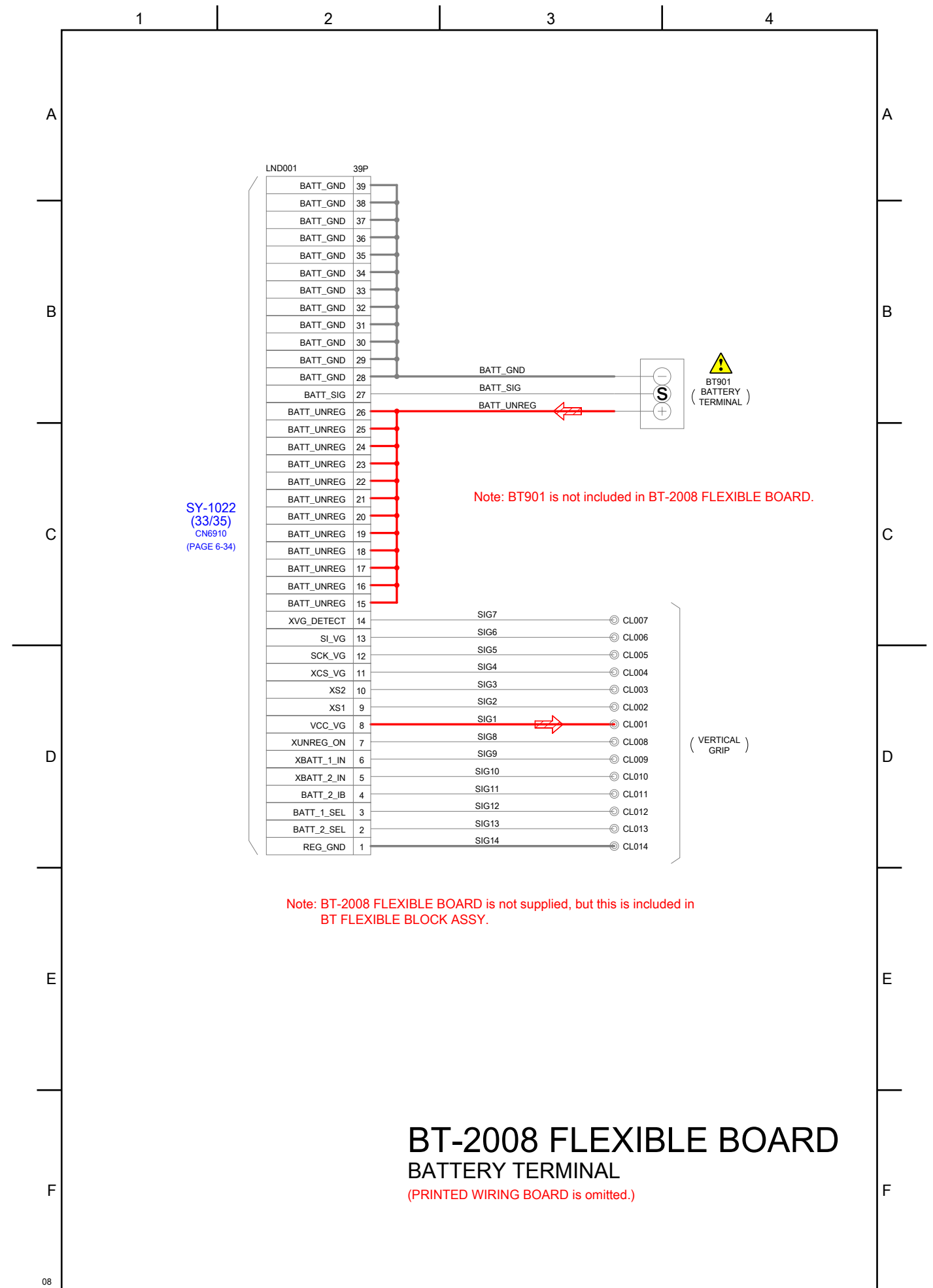
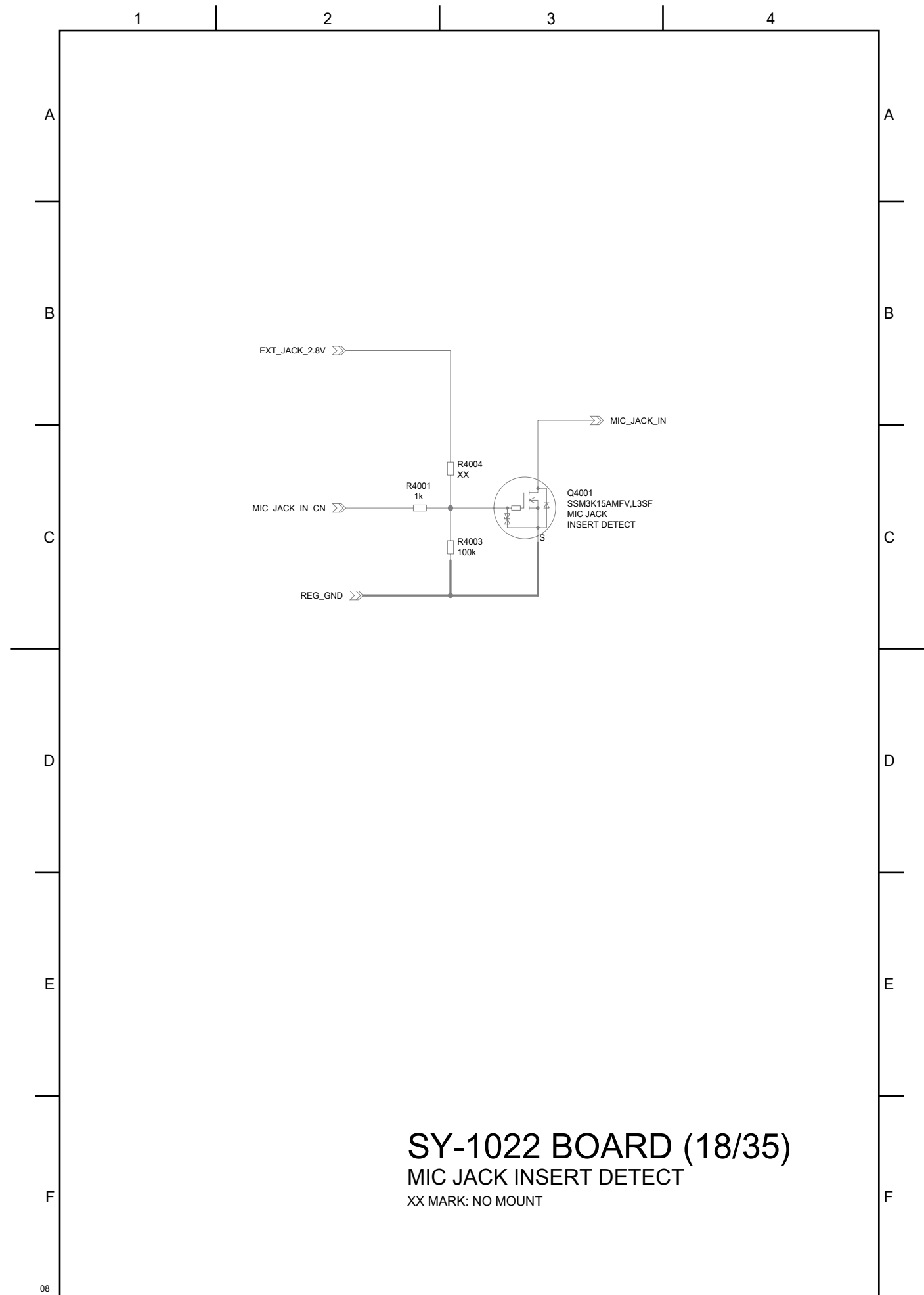


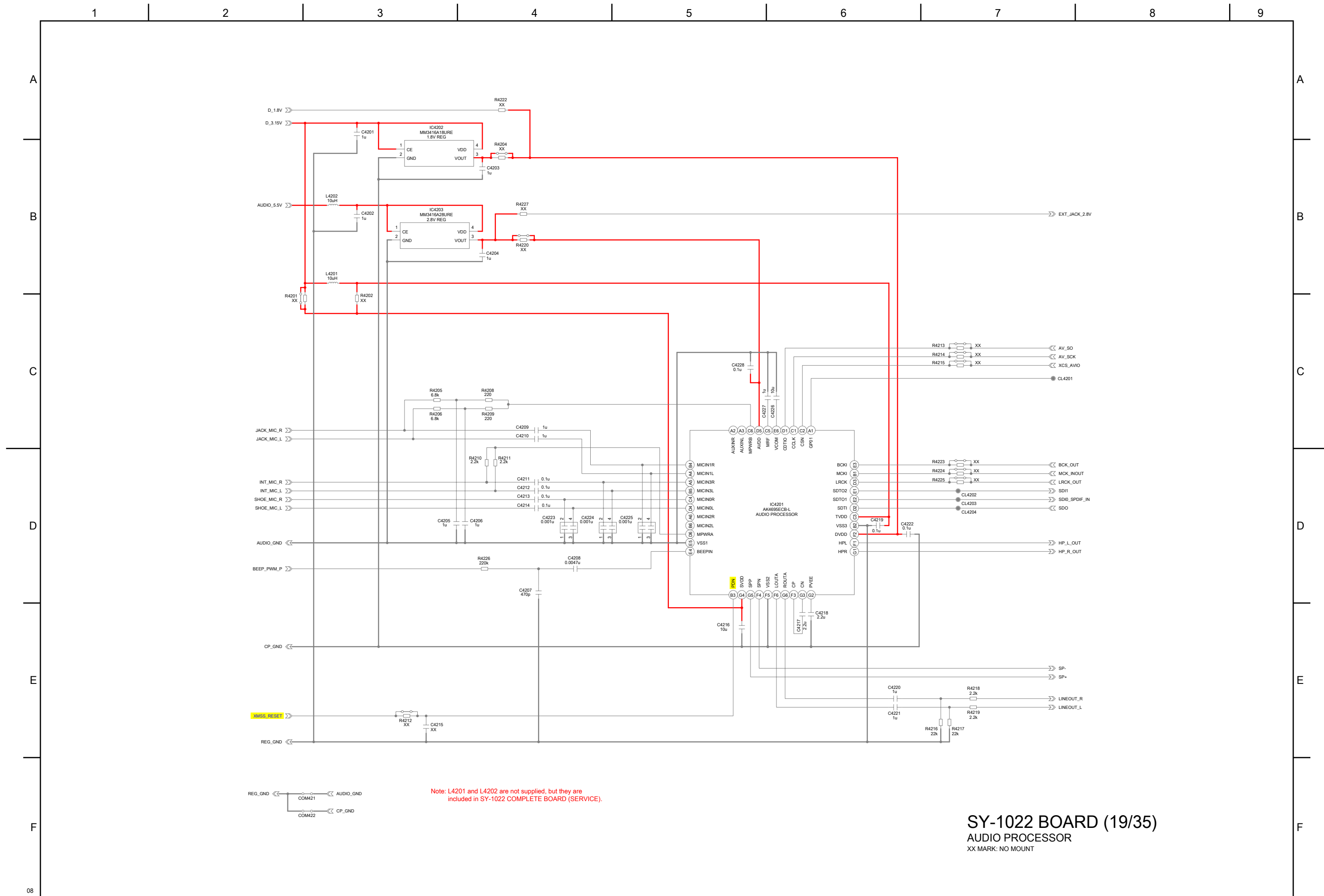


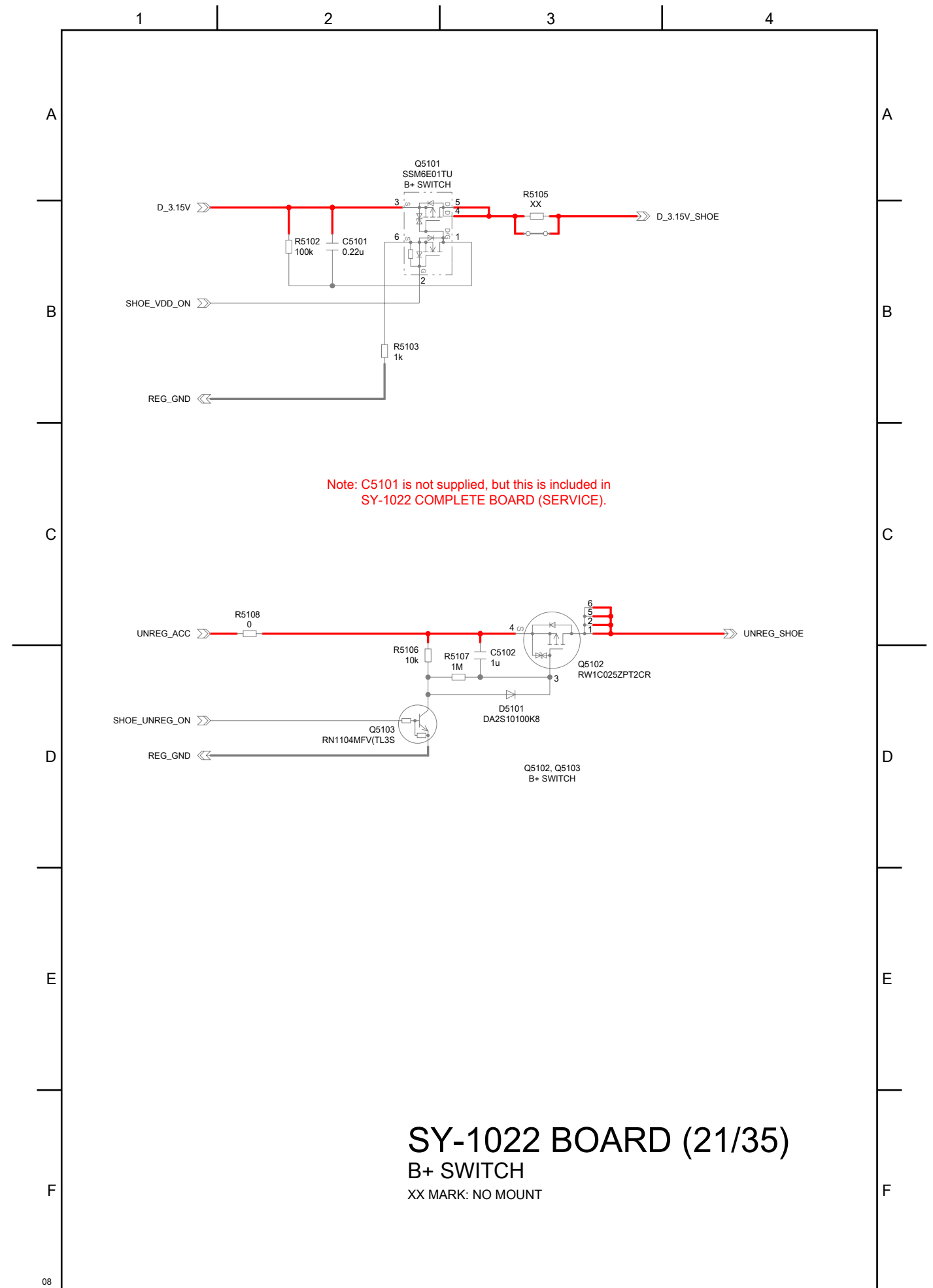
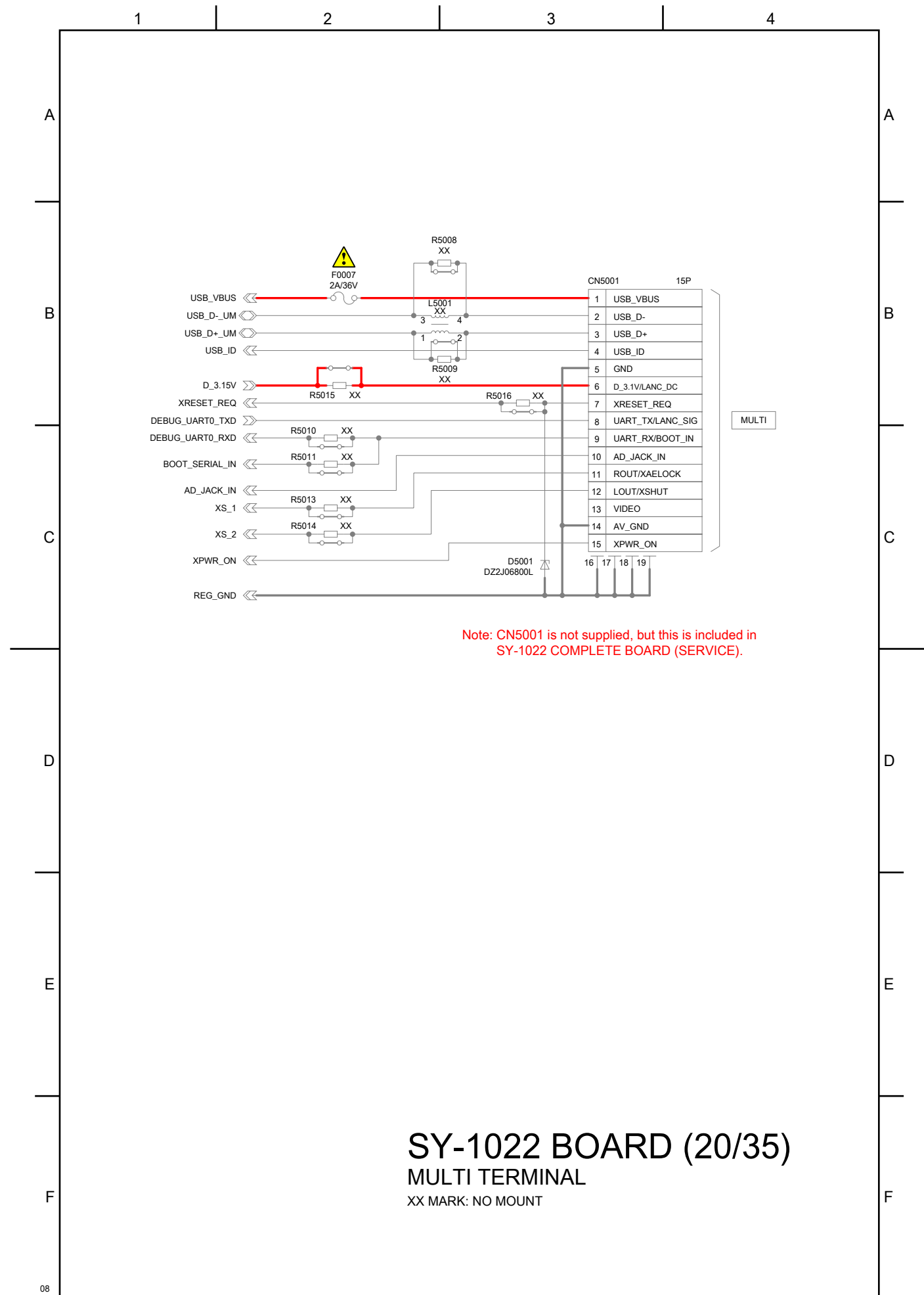


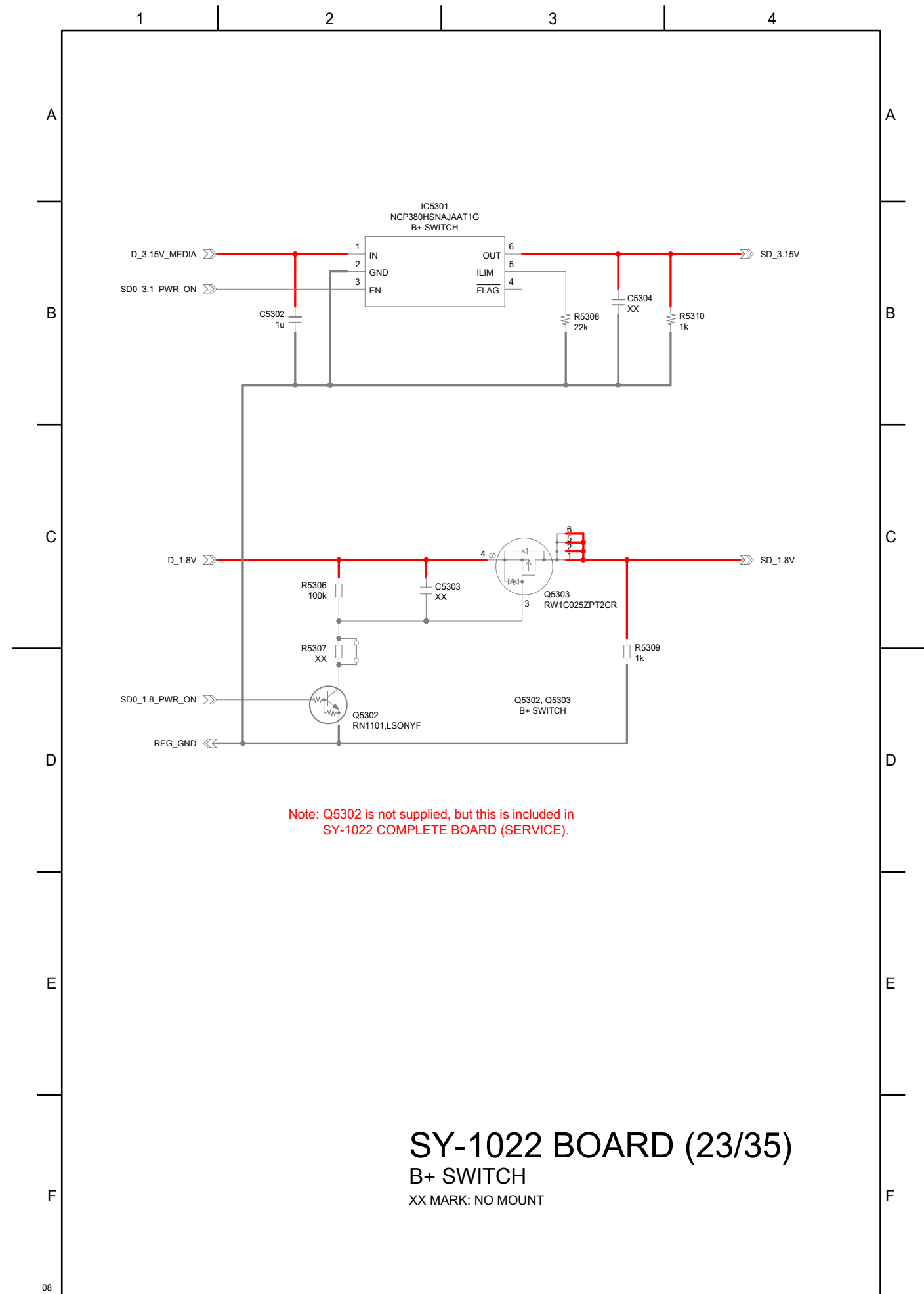
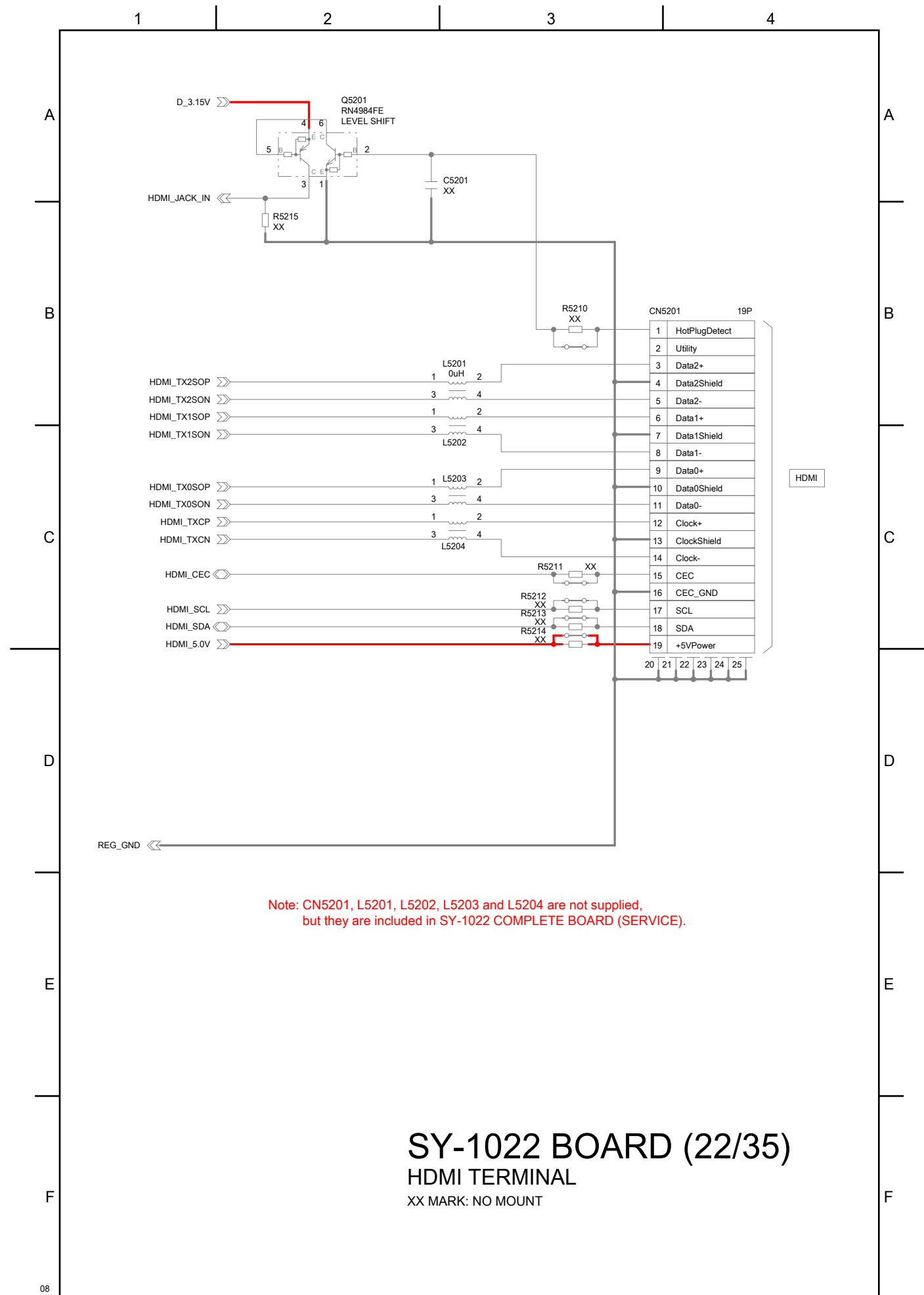


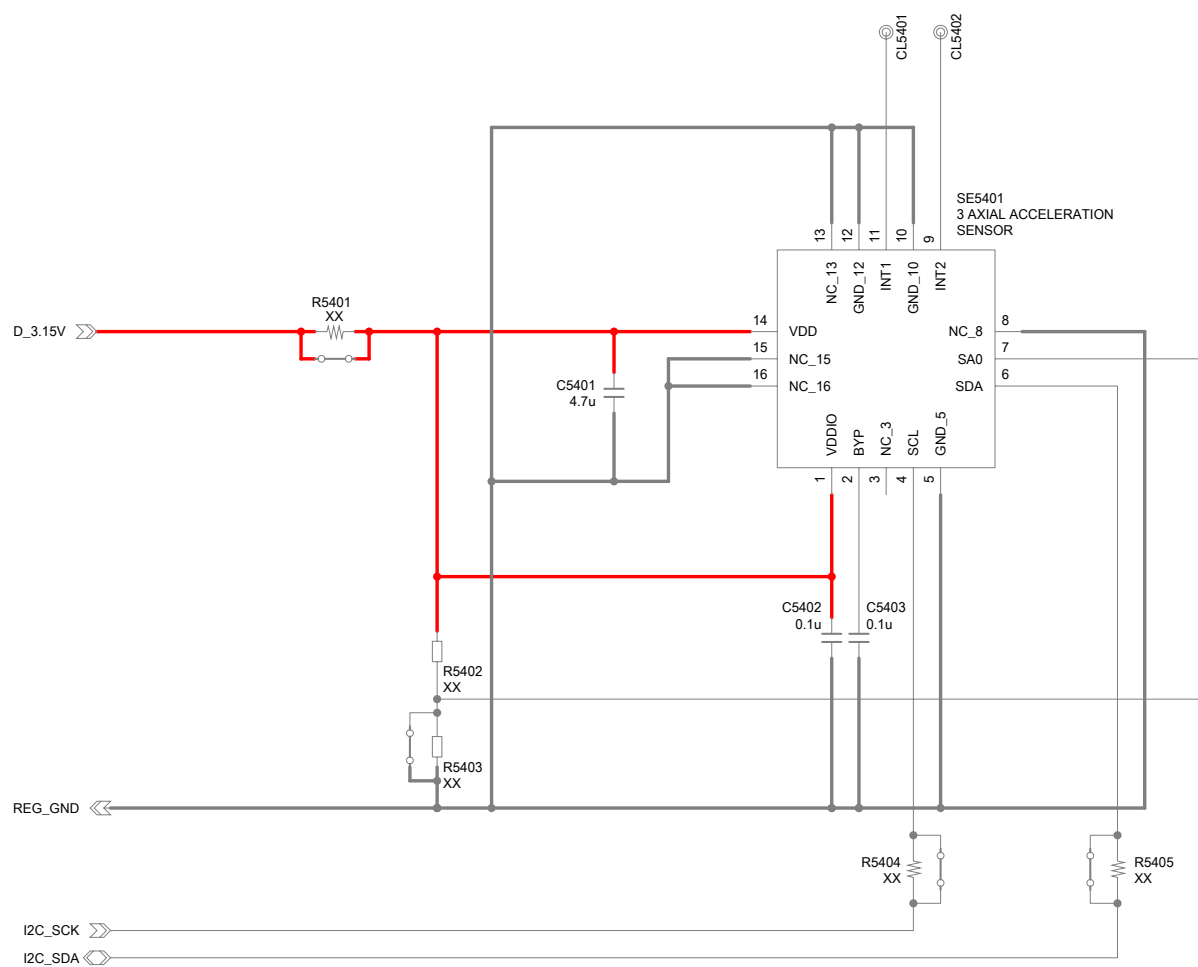






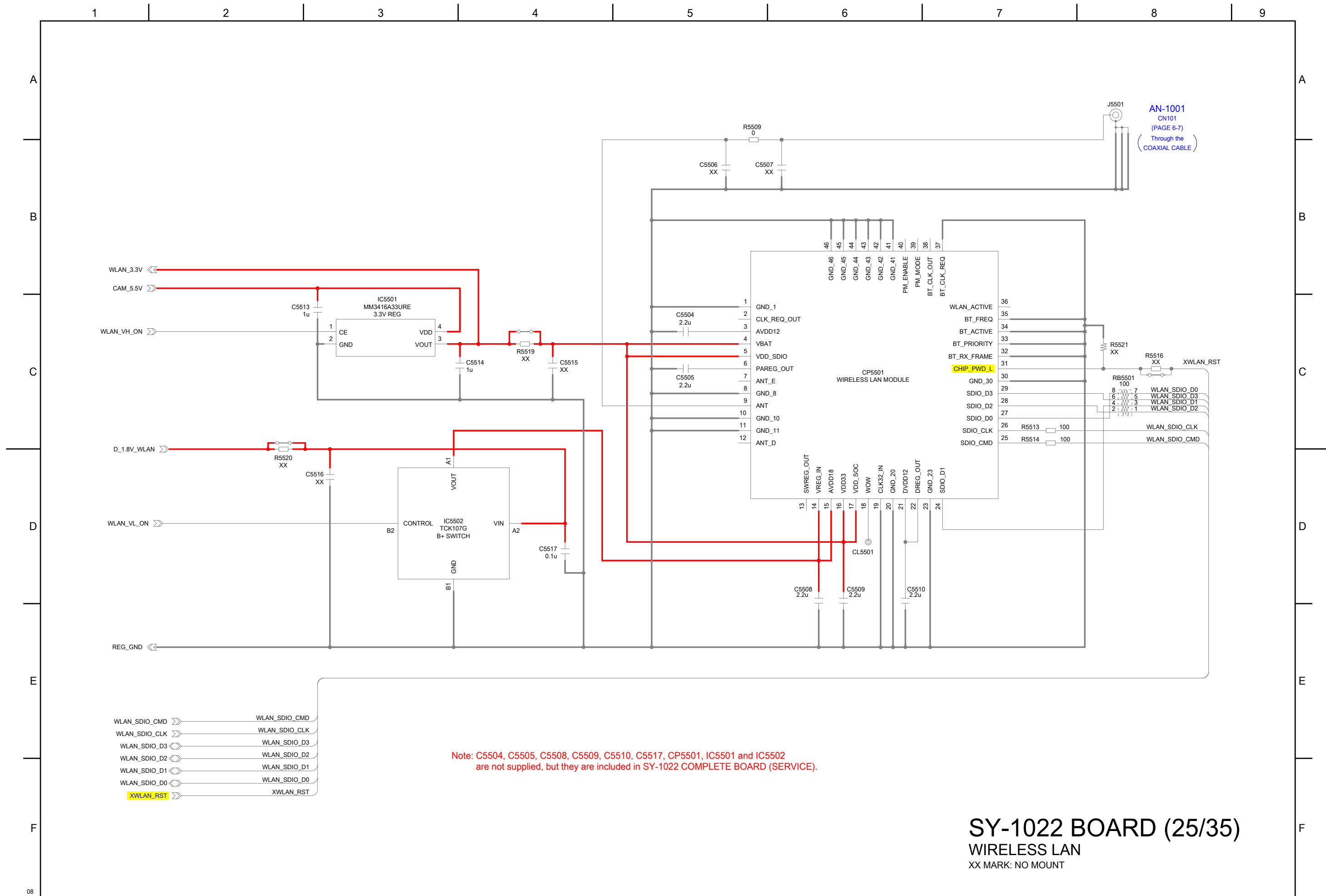


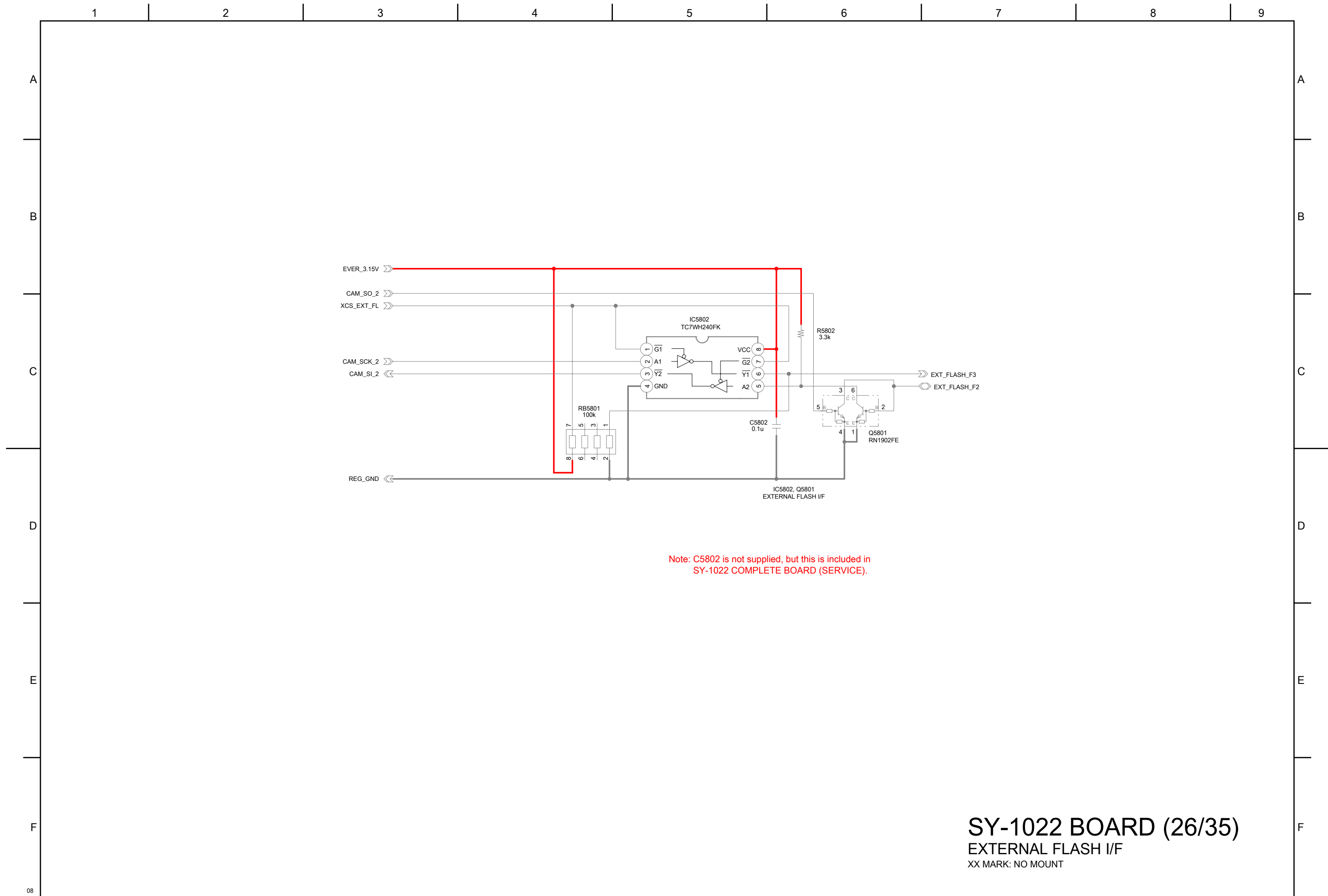


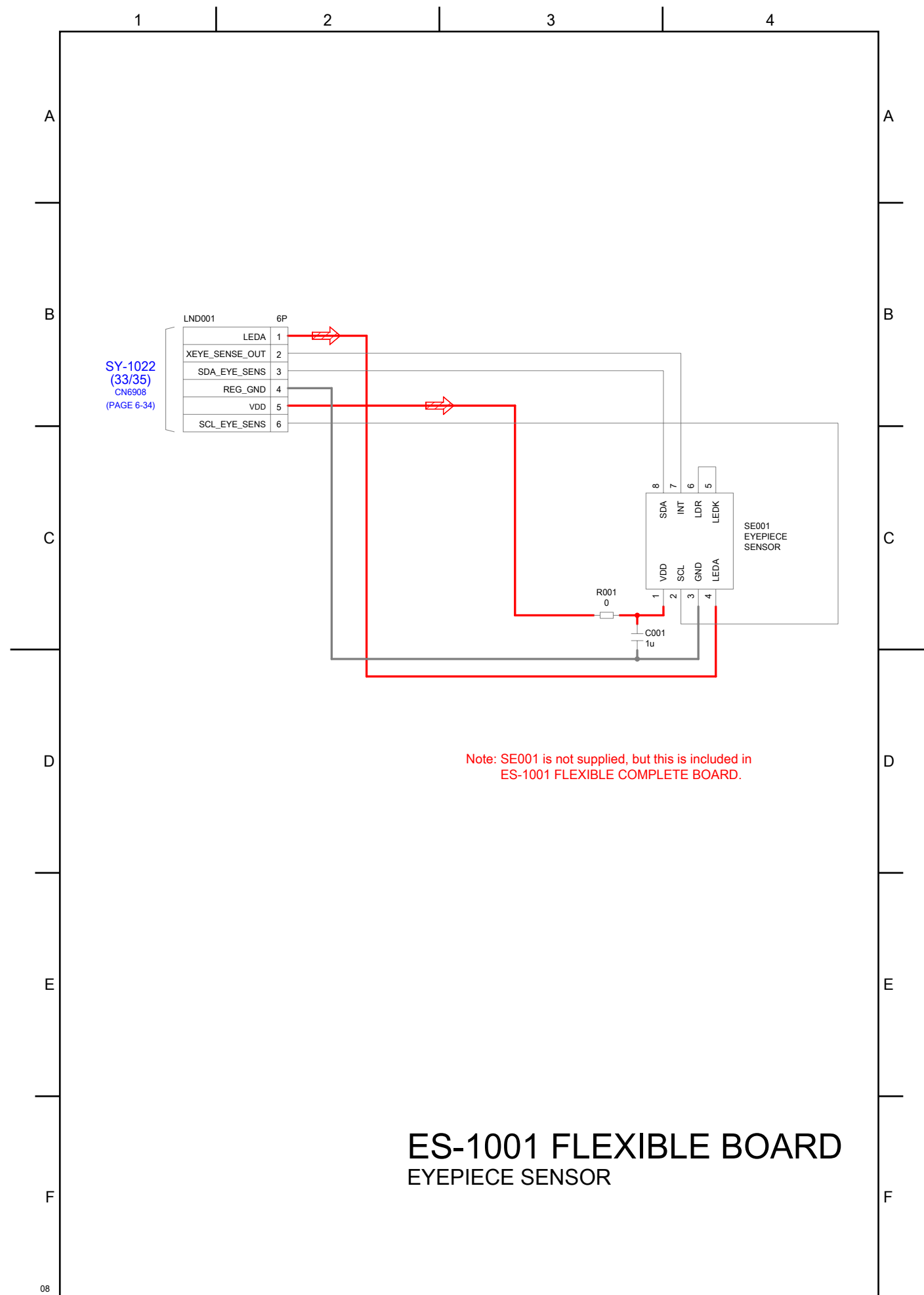
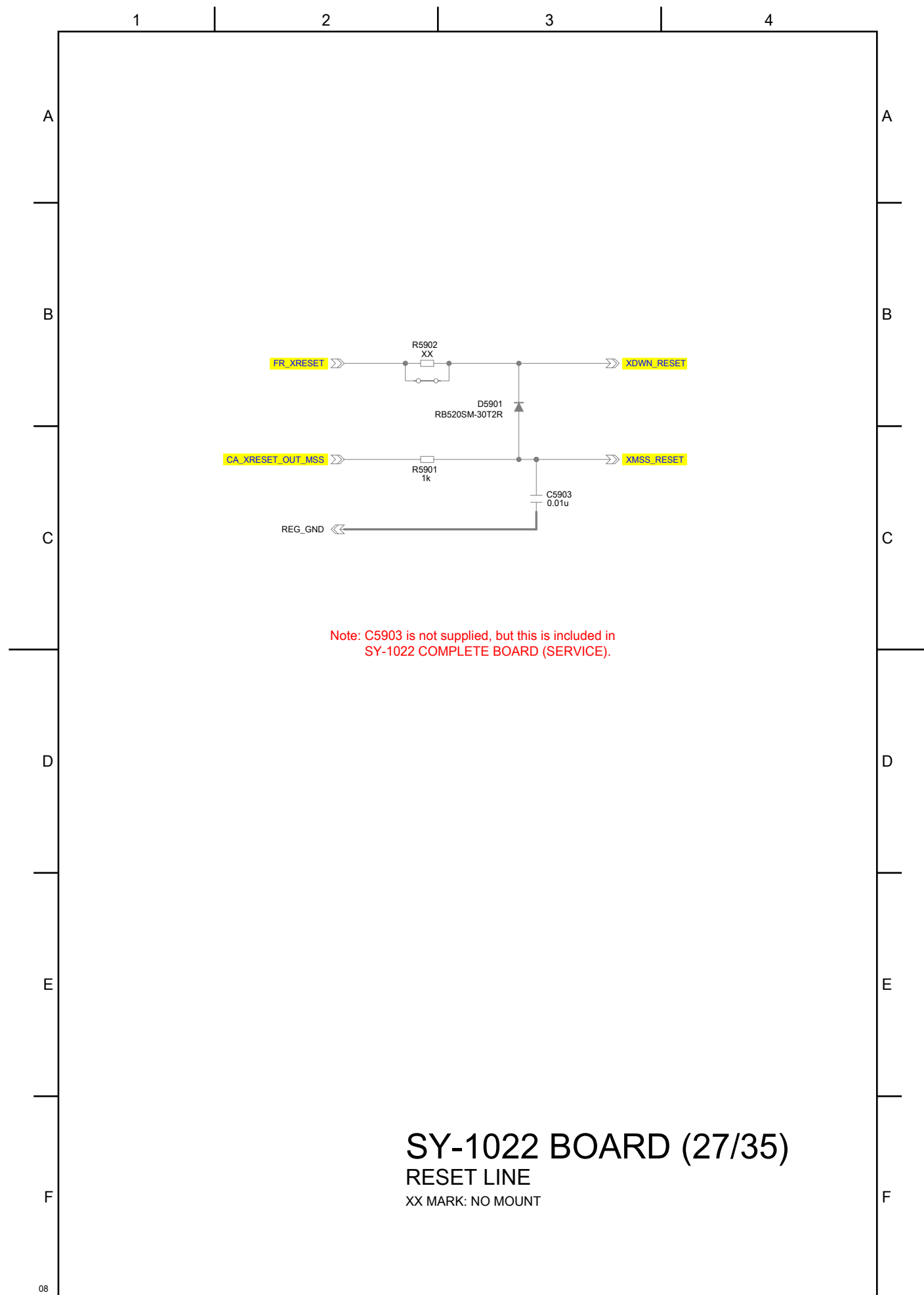


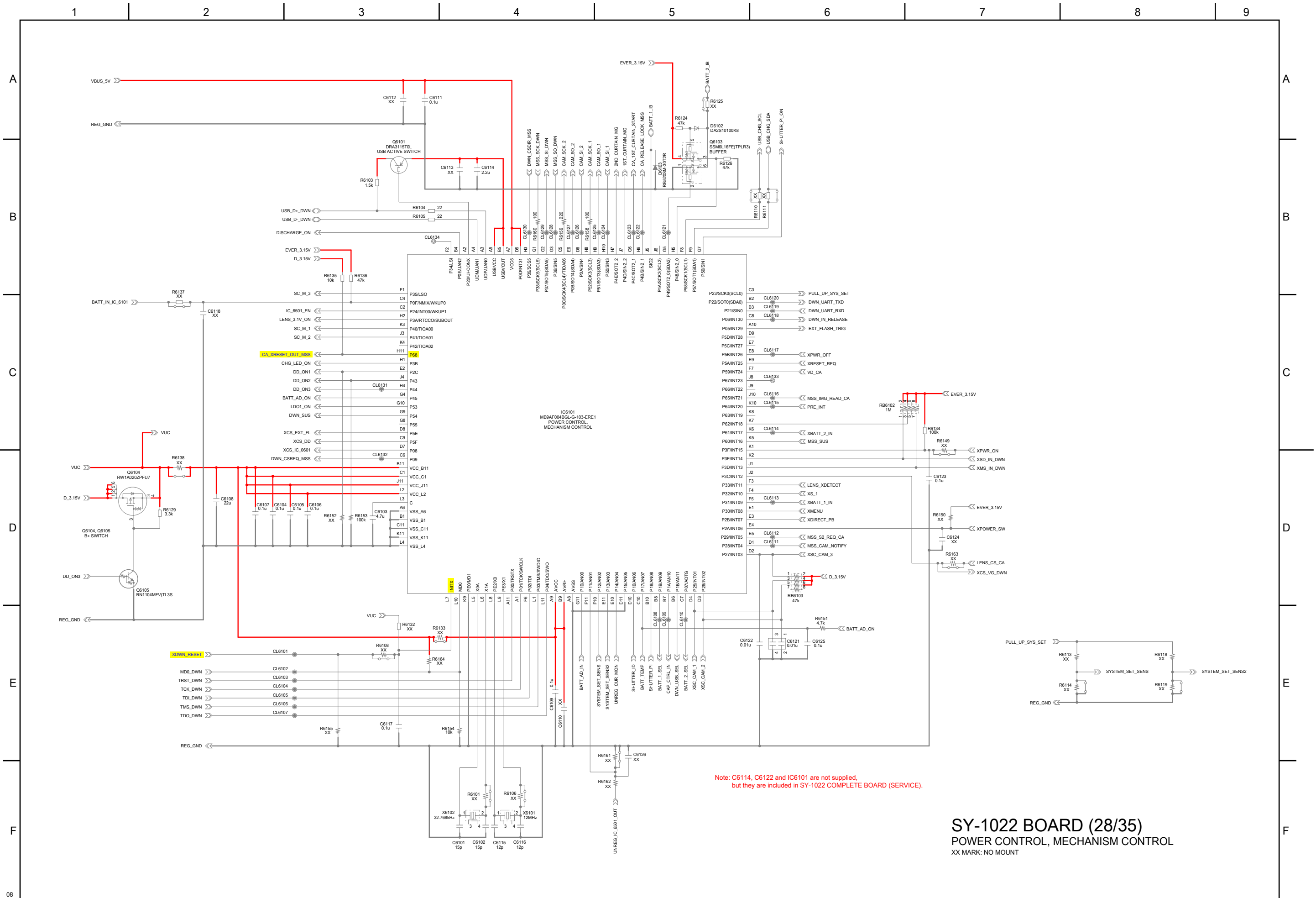
Note: C5402 and C5403 are not supplied, but they are included in SY-1022 COMPLETE BOARD (SERVICE).

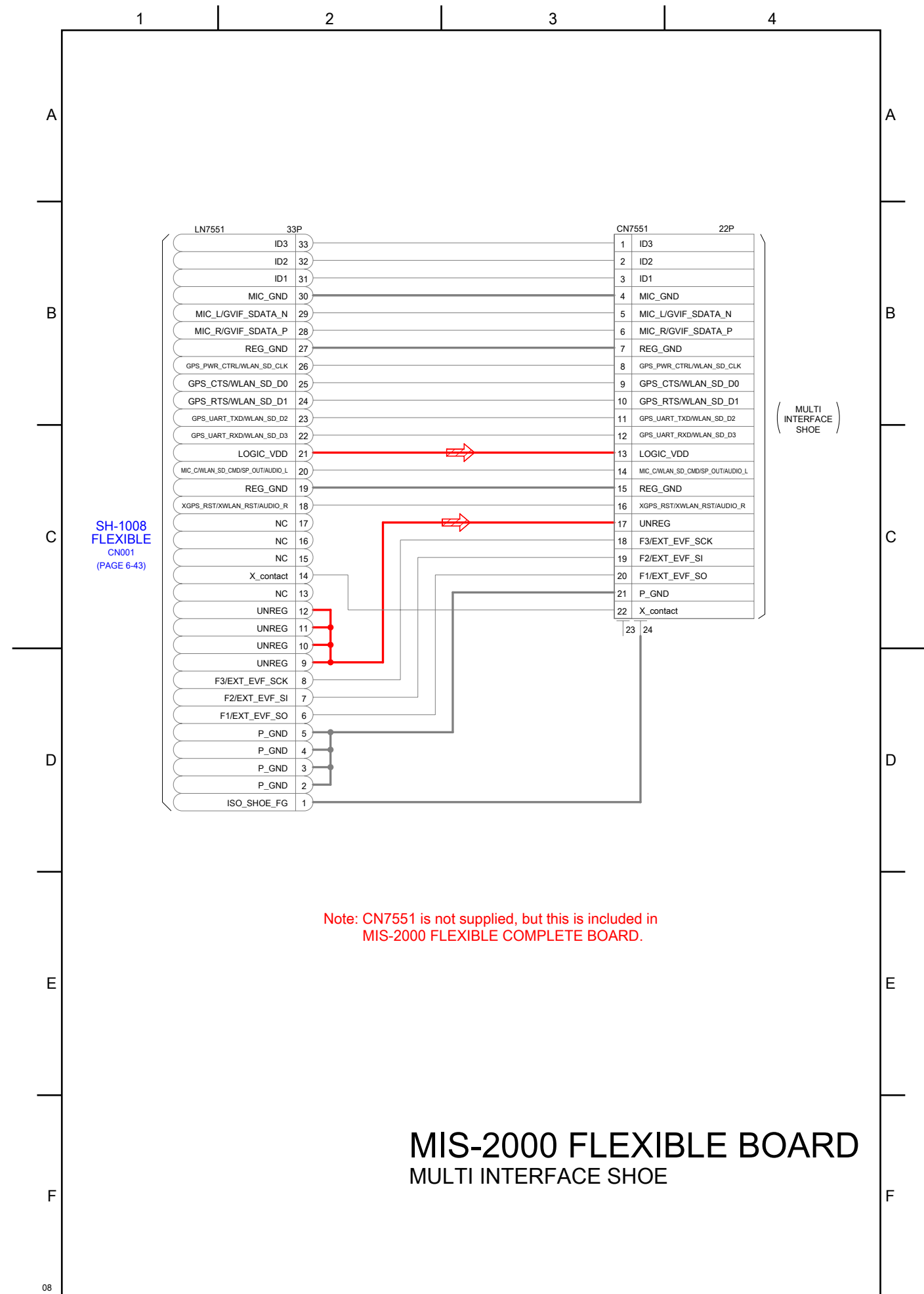
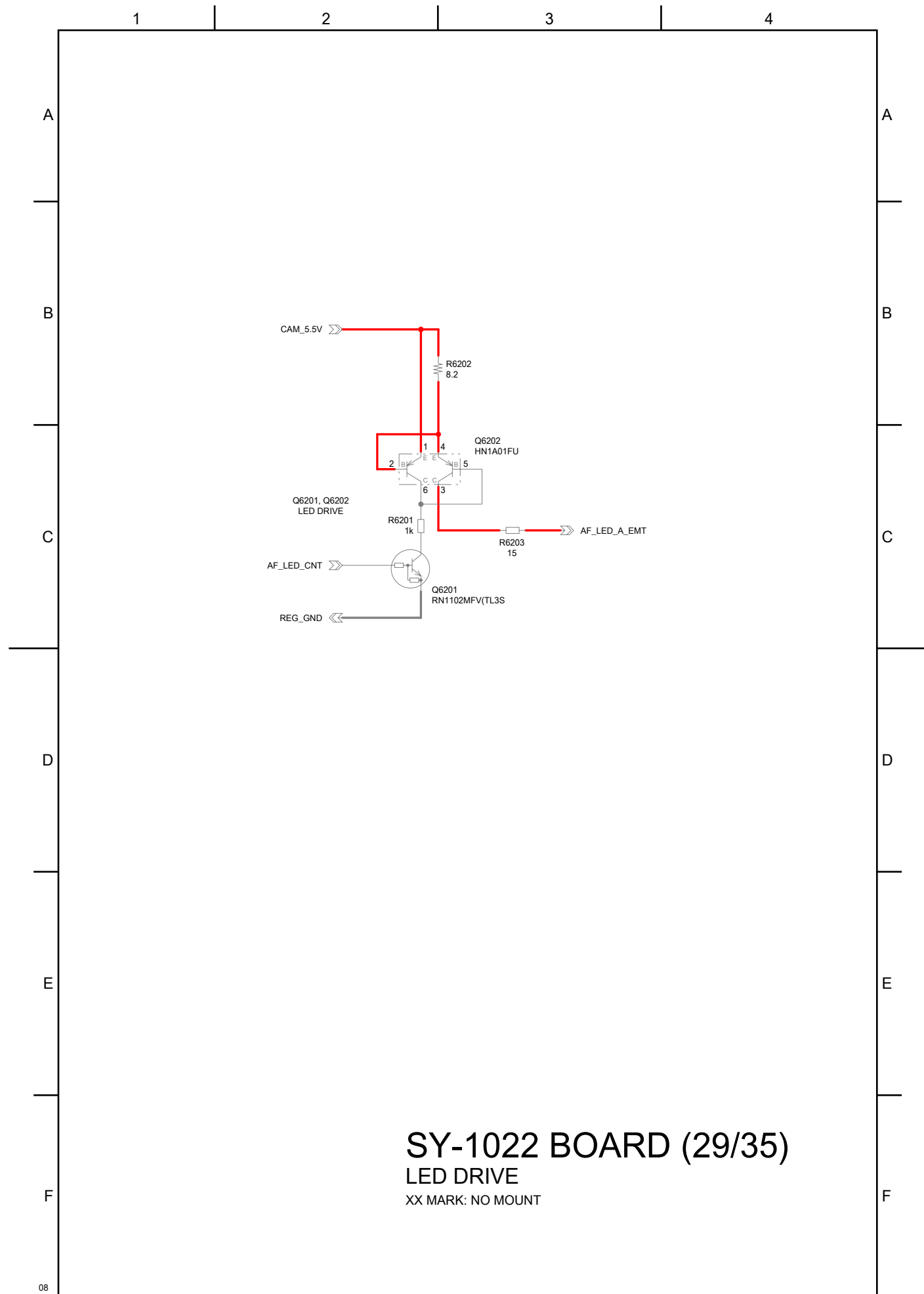
SY-1022 BOARD (24/35)
3 AXIAL ACCELERATION SENSOR
 XX MARK: NO MOUNT

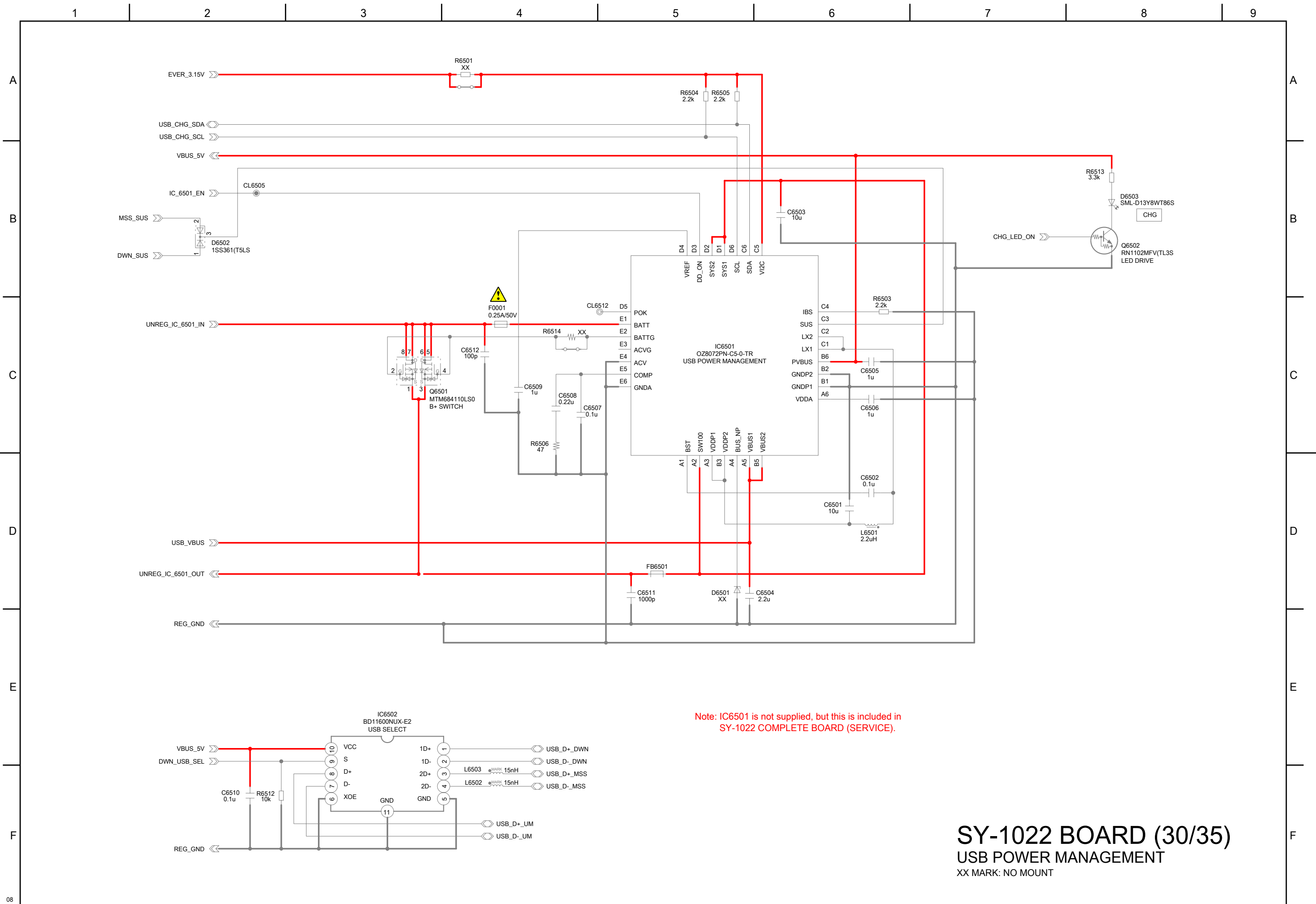


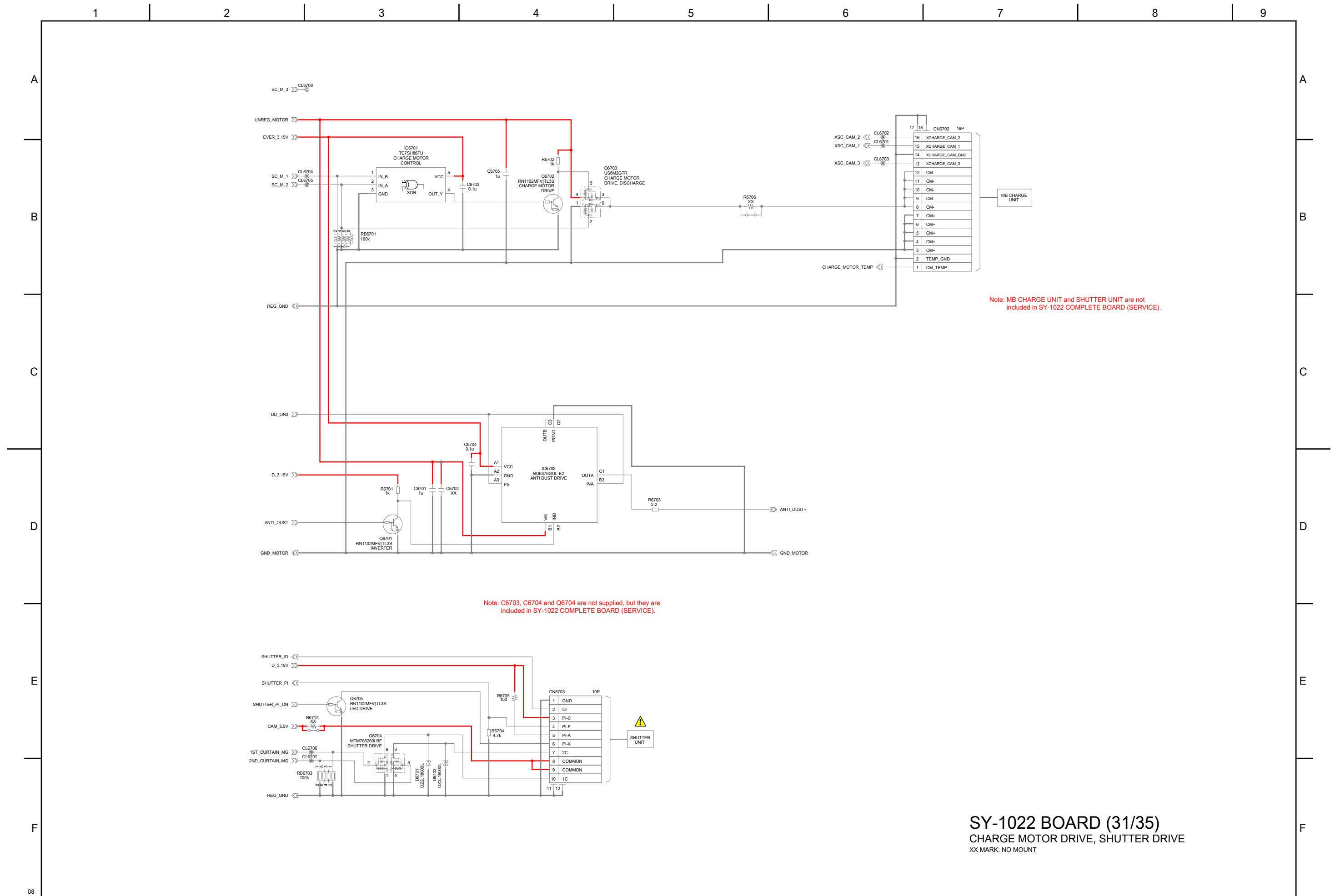


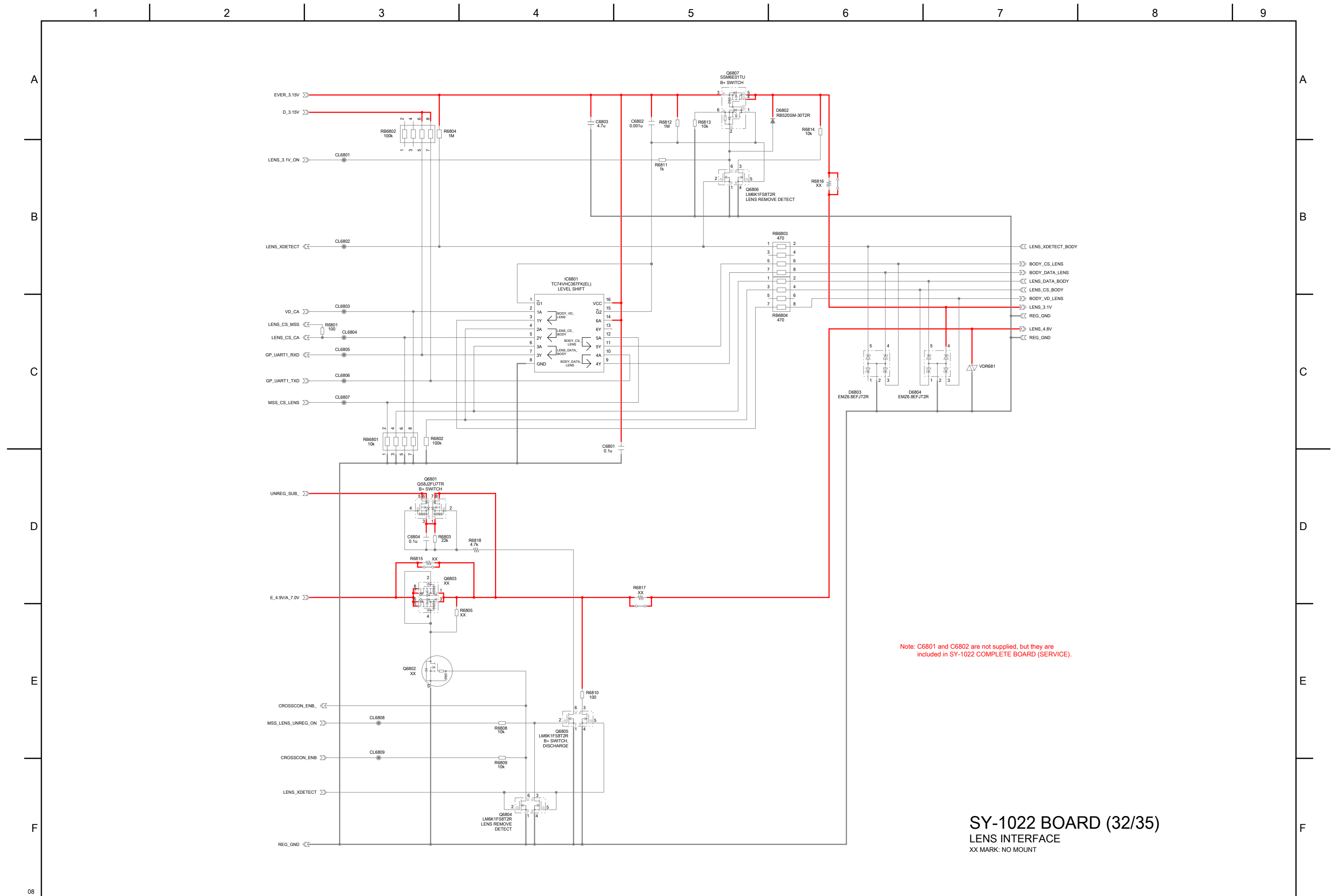


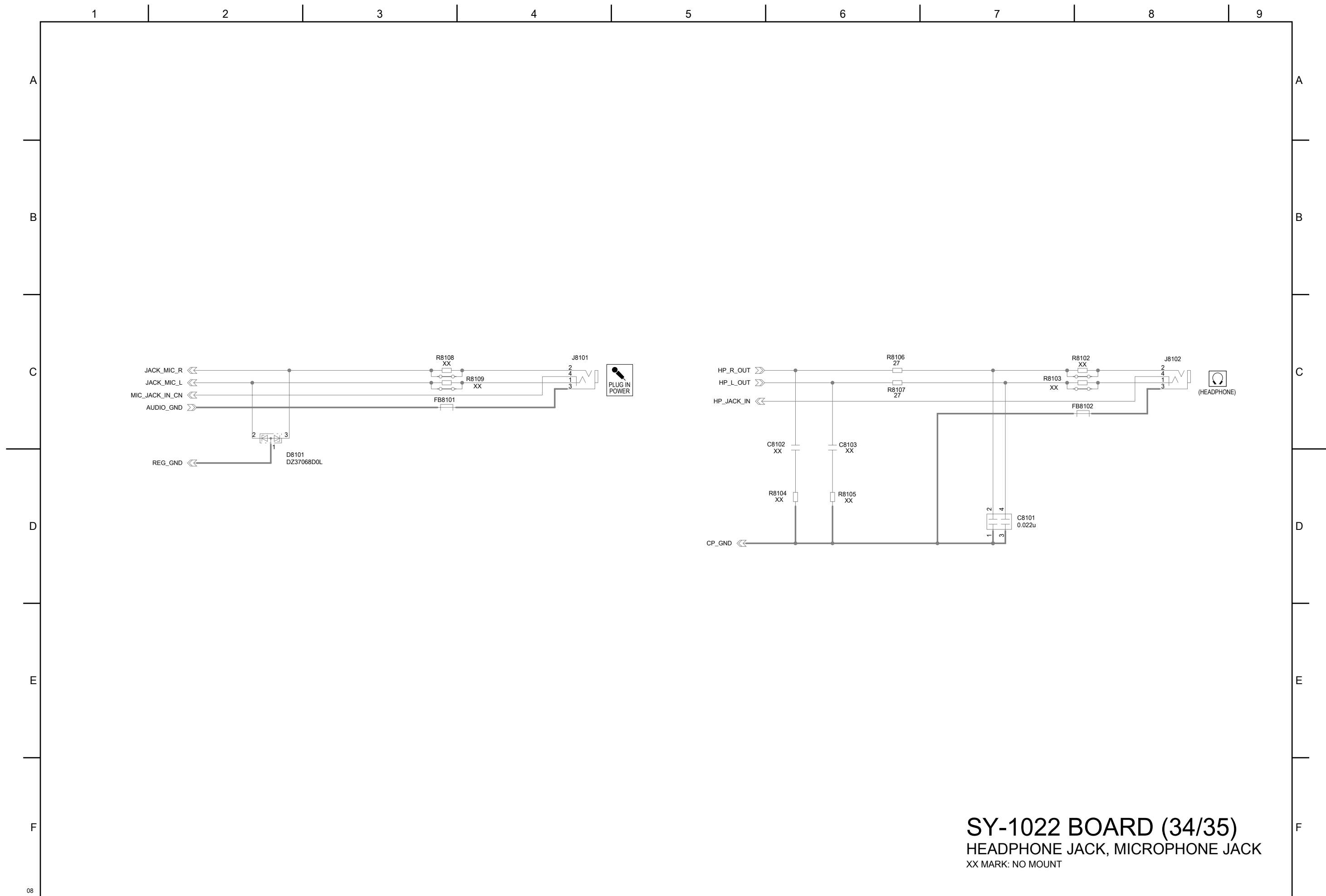


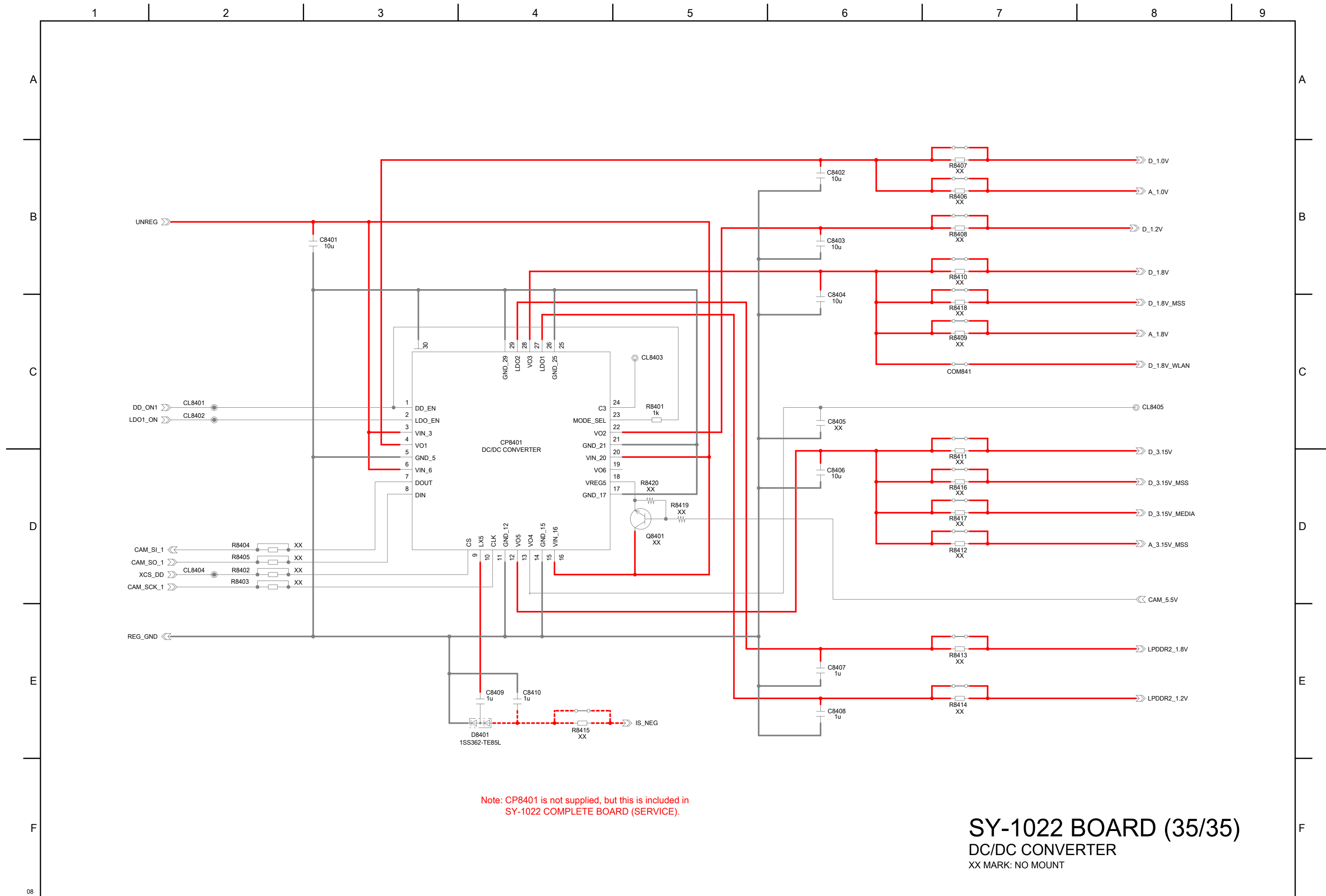


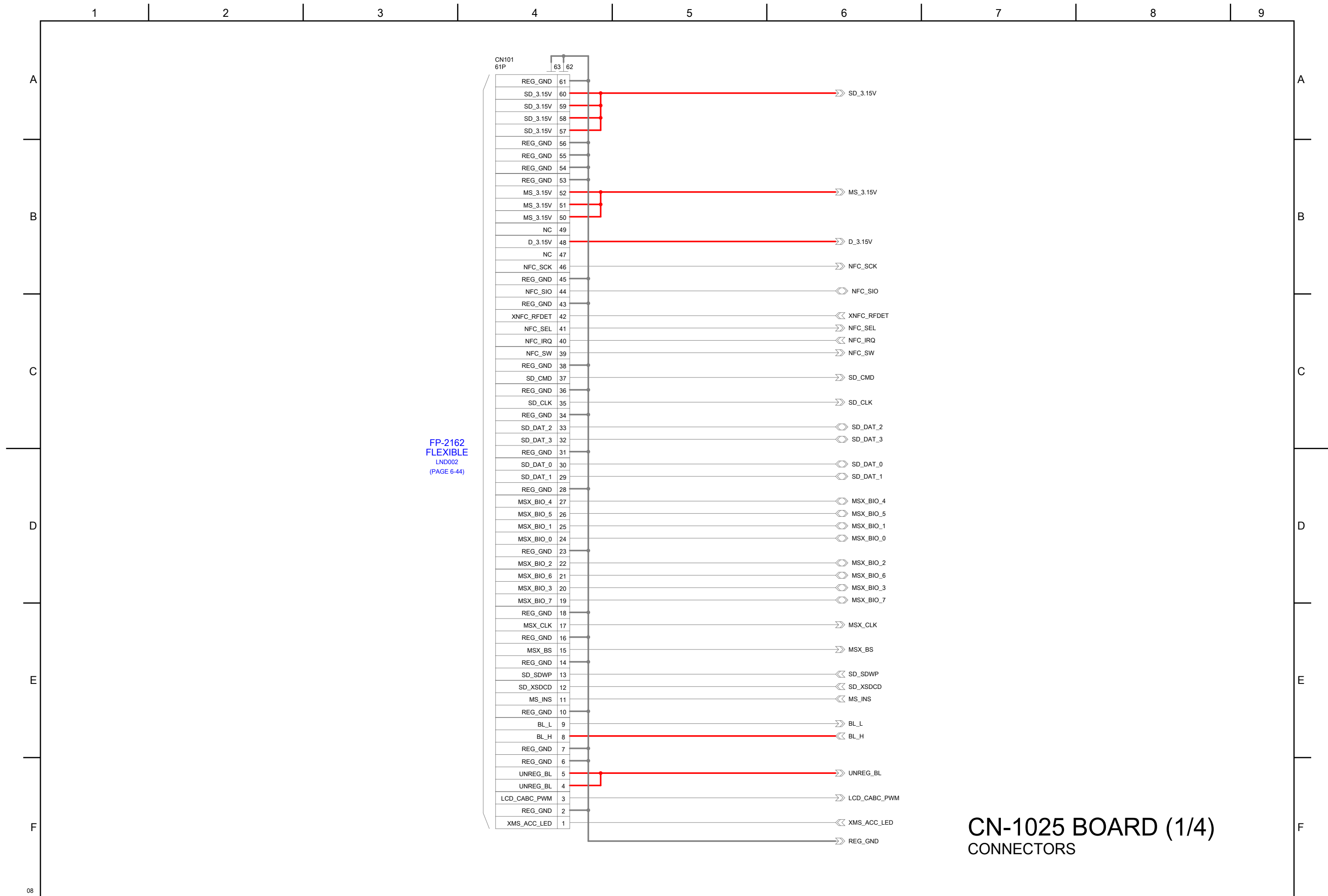


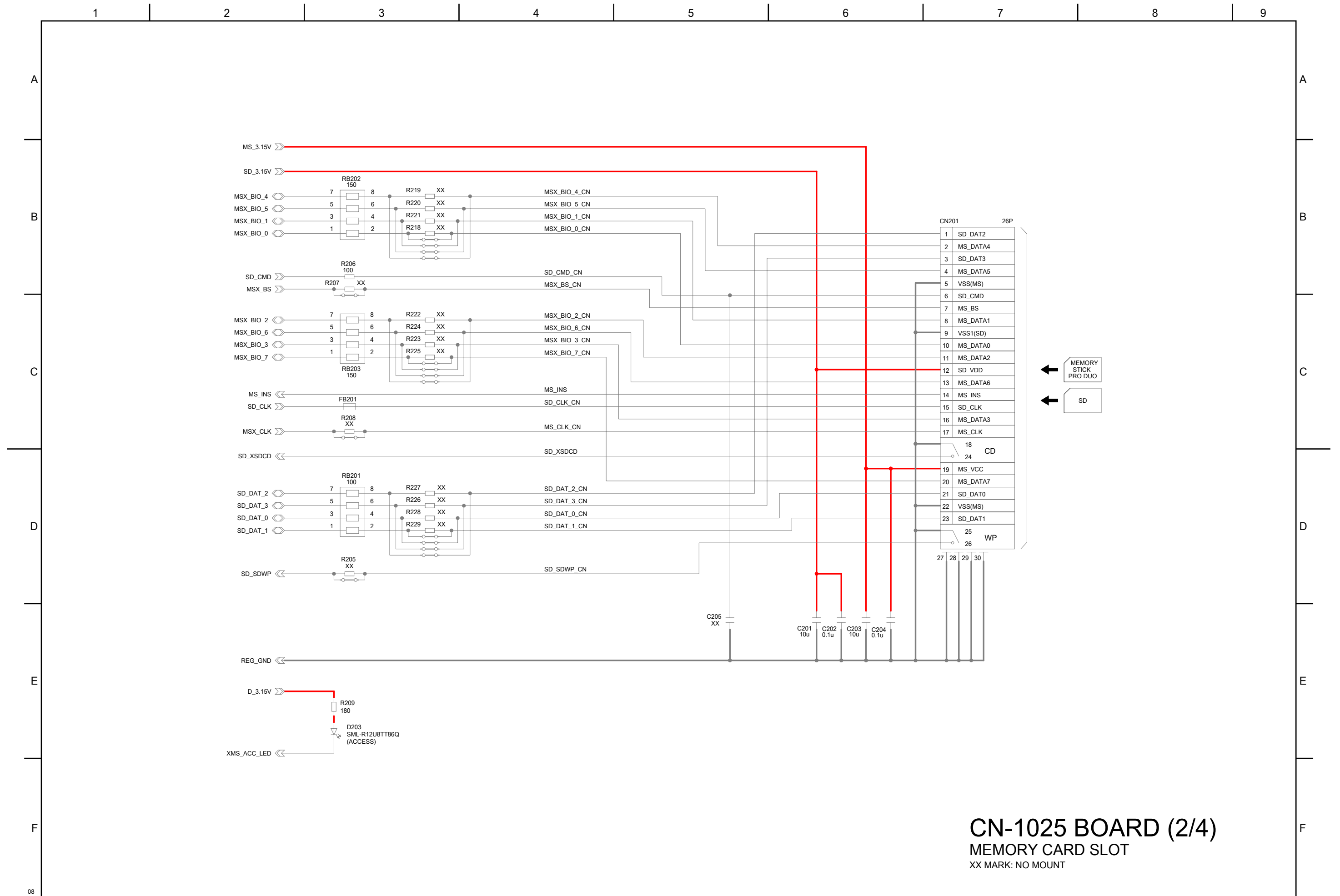


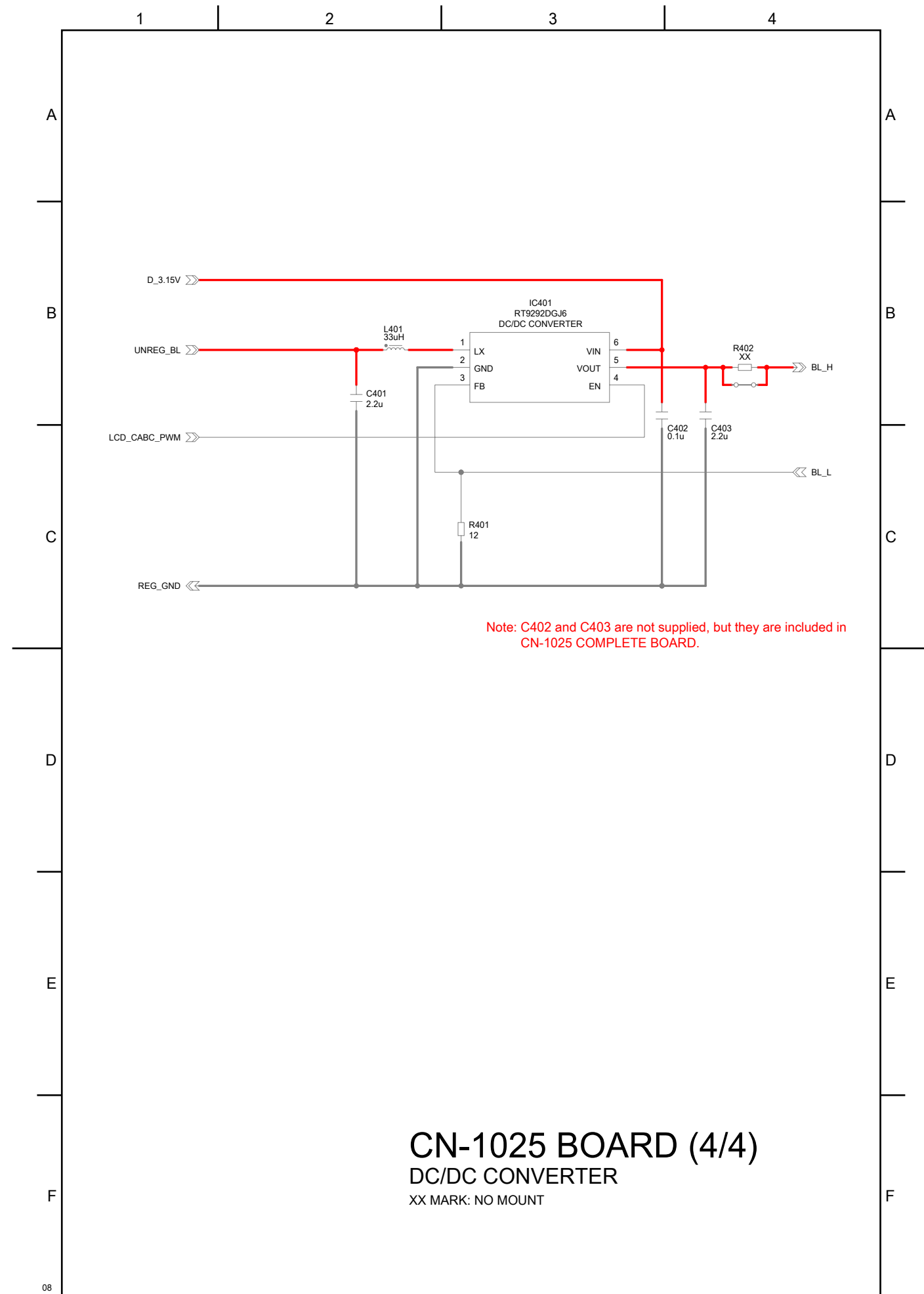
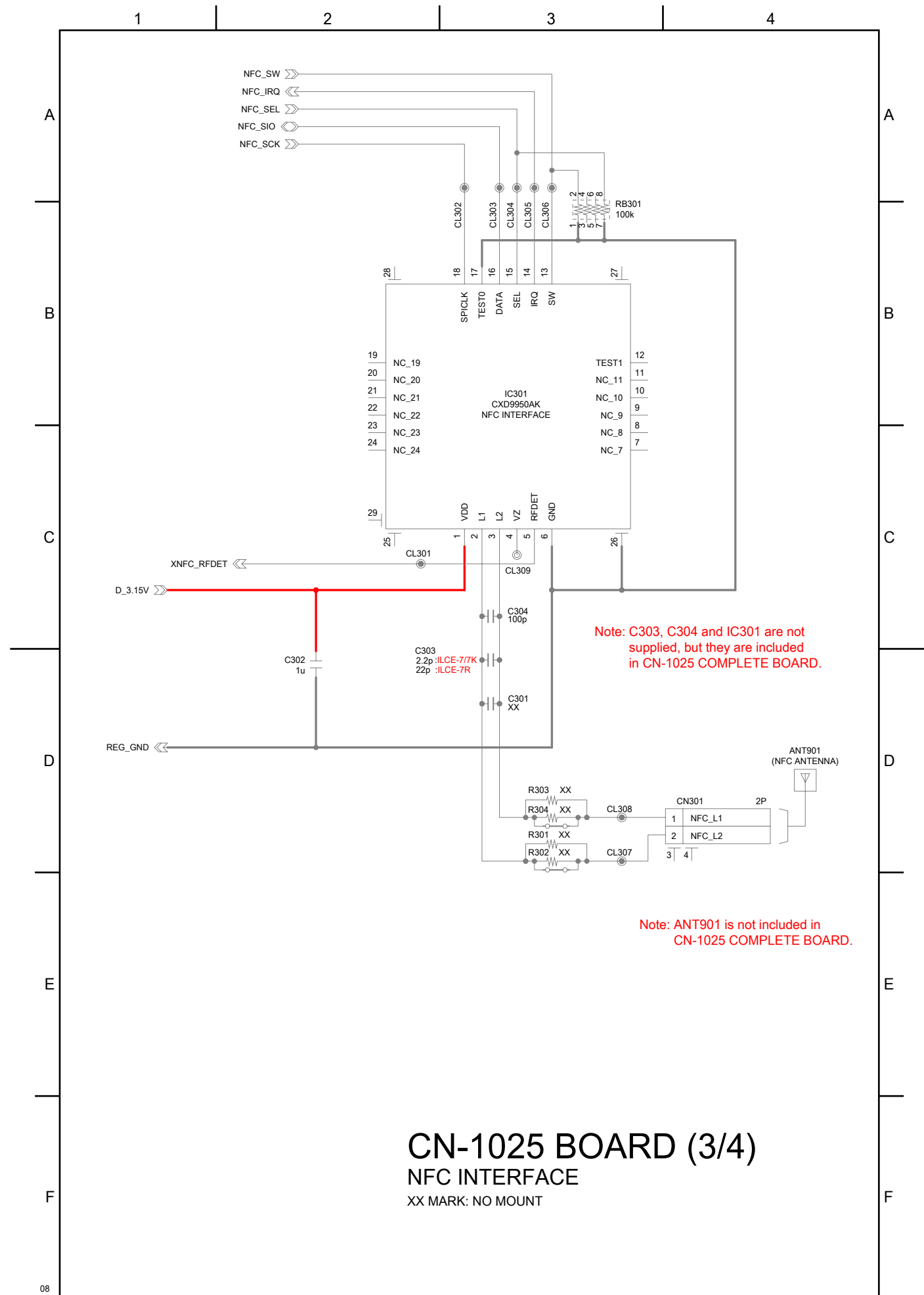


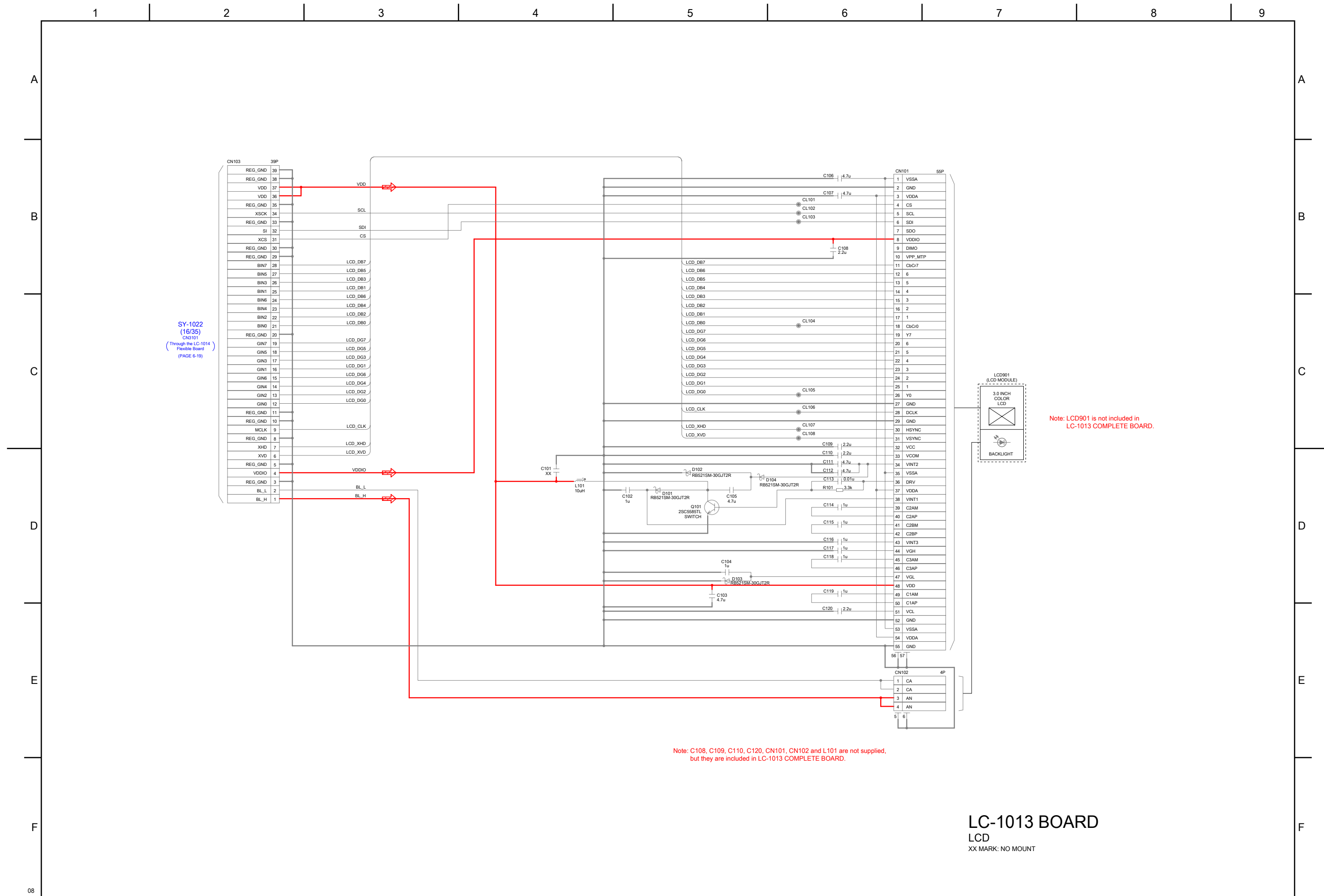


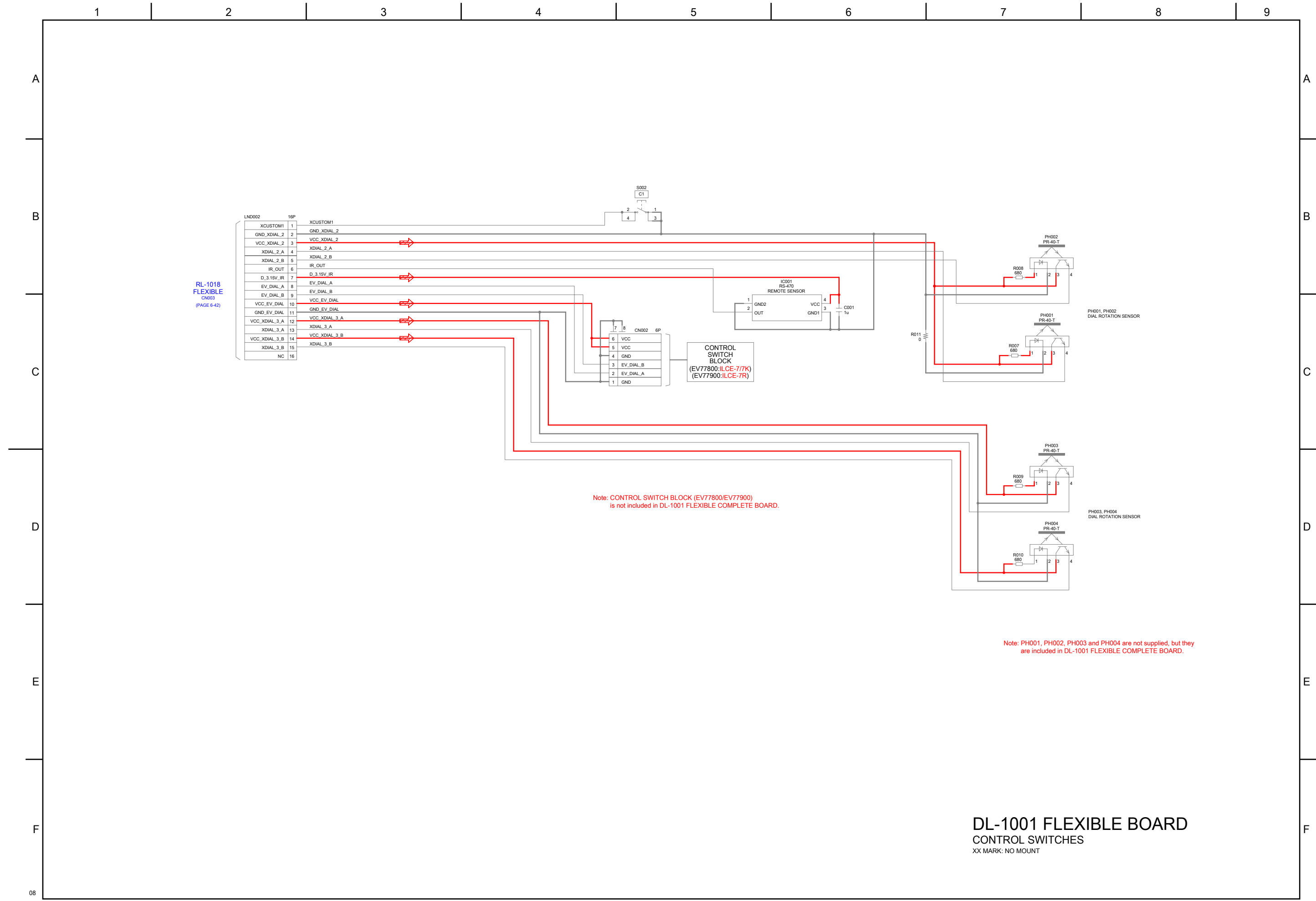




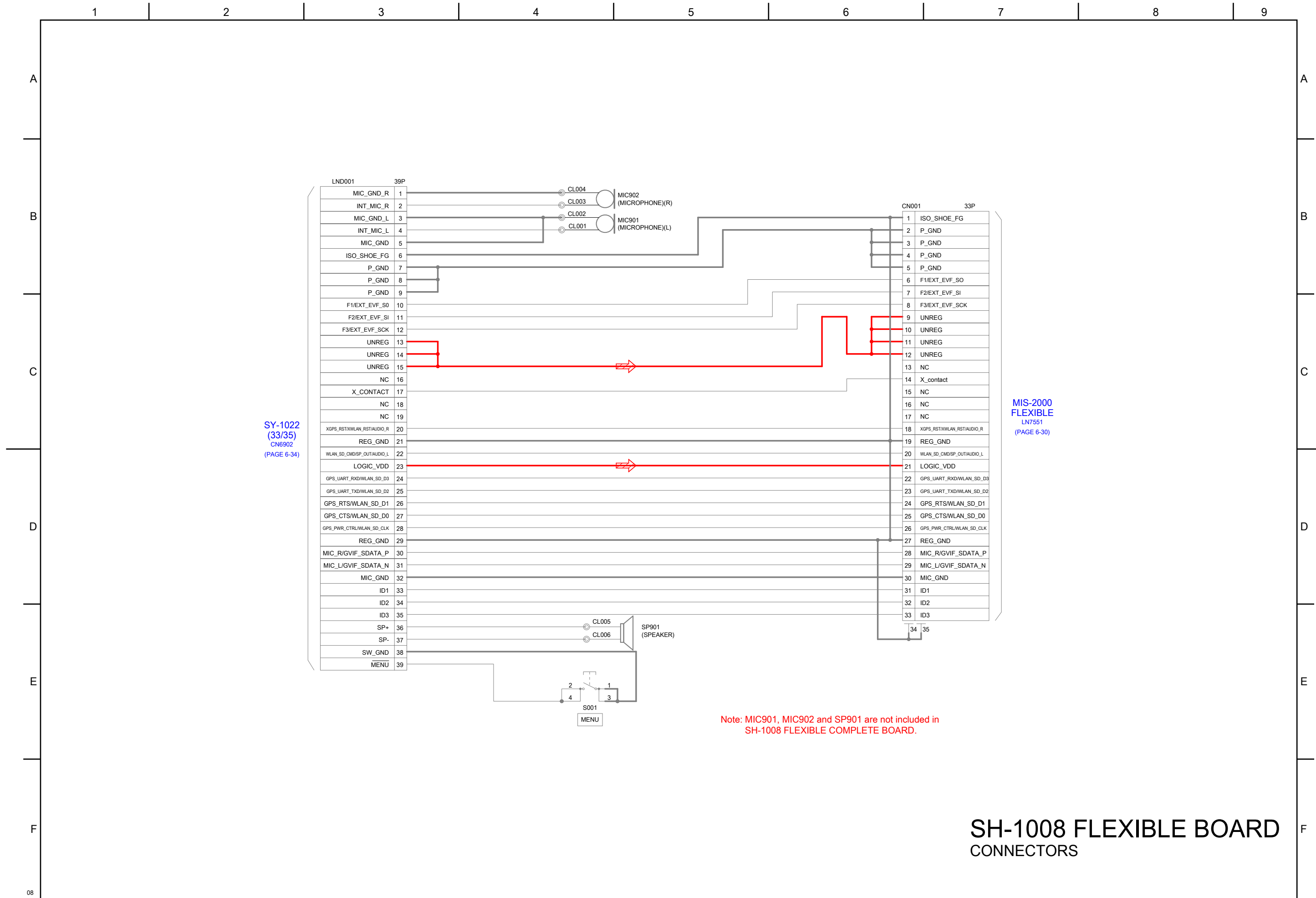


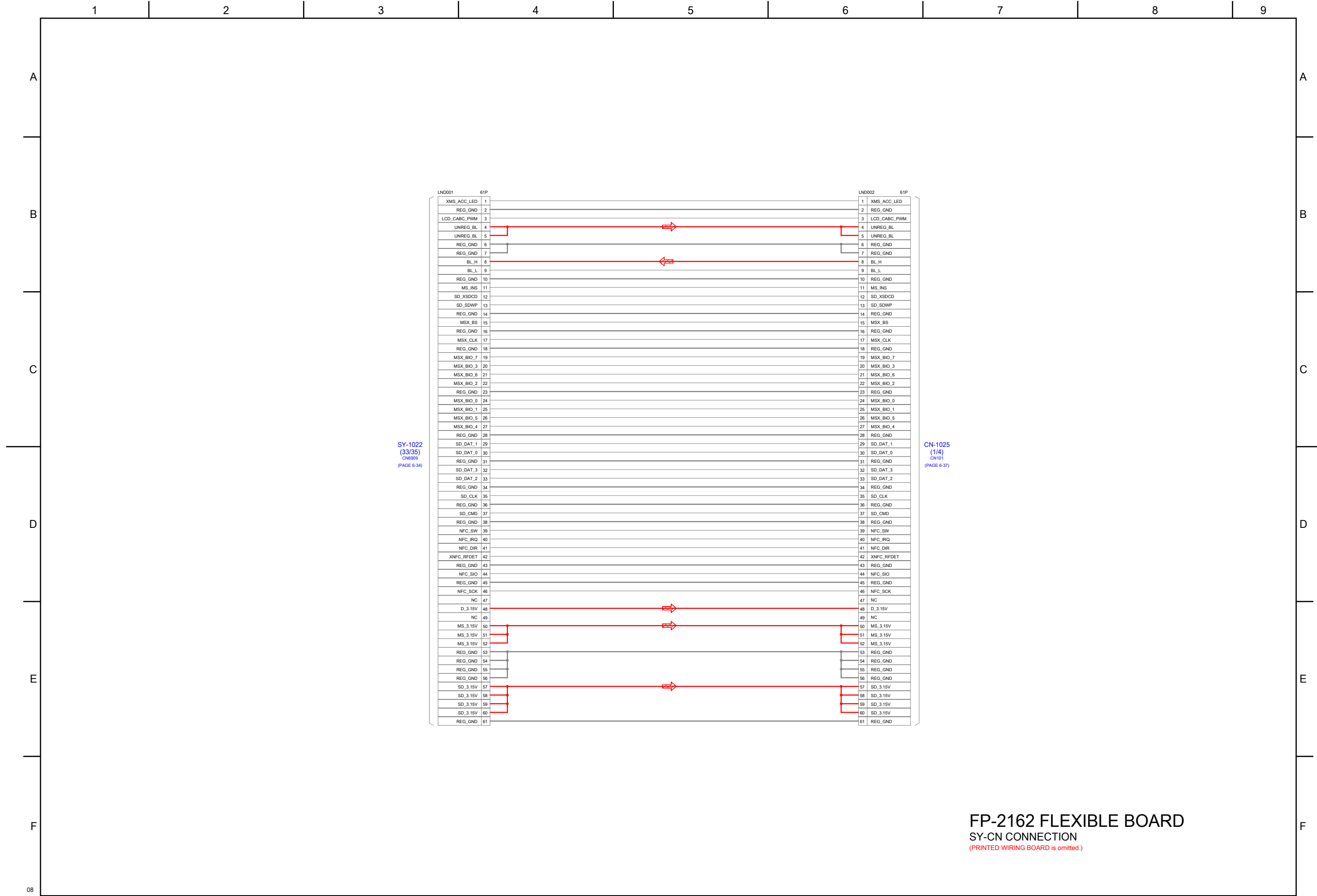




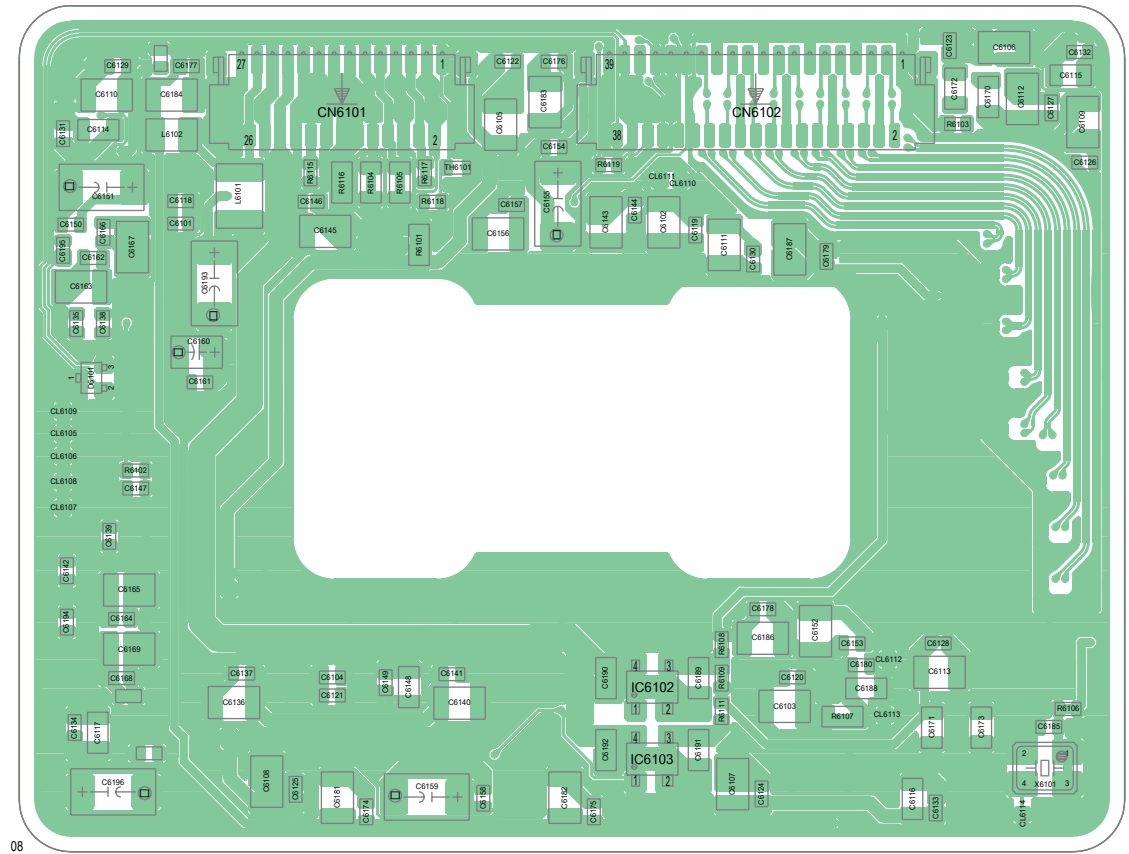


DL-1001 FLEXIBLE BOARD
CONTROL SWITCHES
XX MARK: NO MOUNT



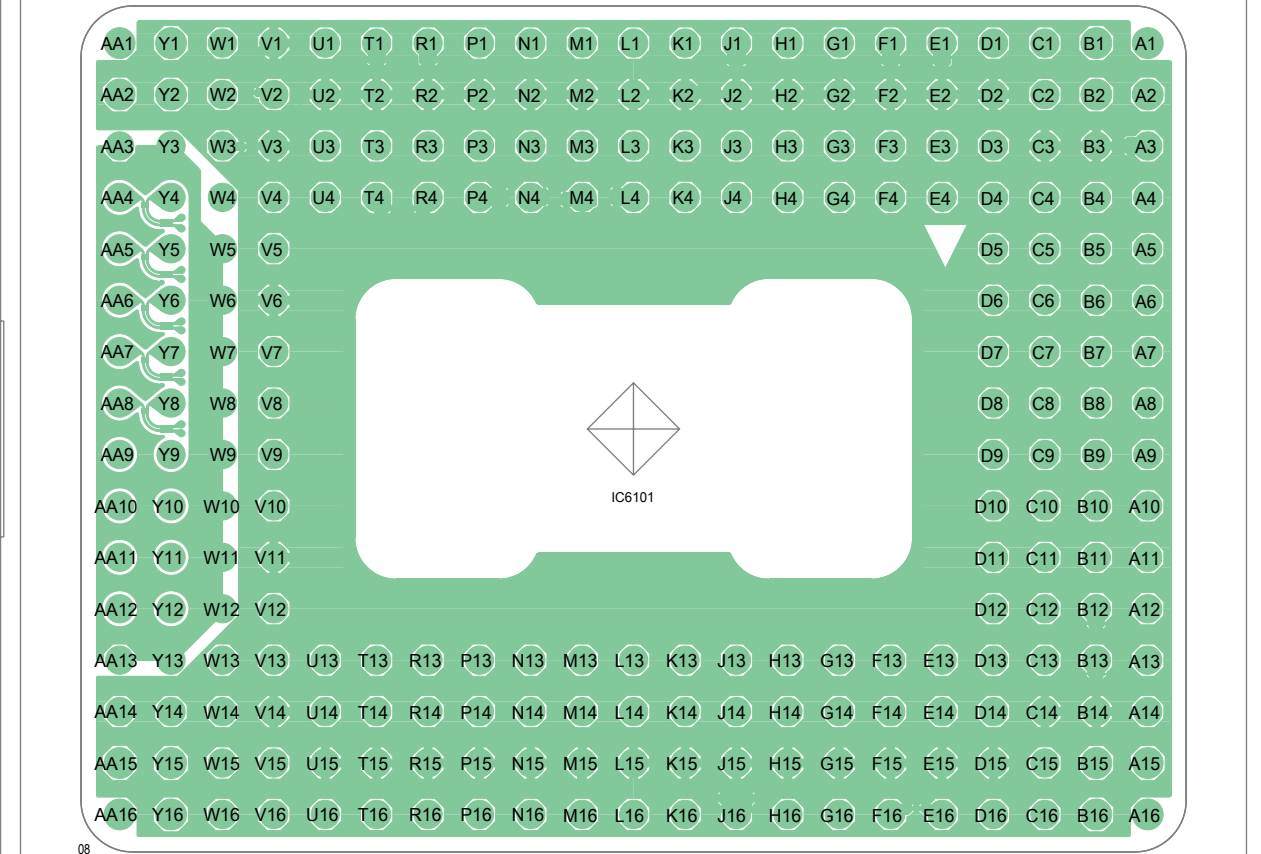


IS-111 BOARD (SIDE A)



1-886-233- 11

IS-111 BOARD (SIDE B)

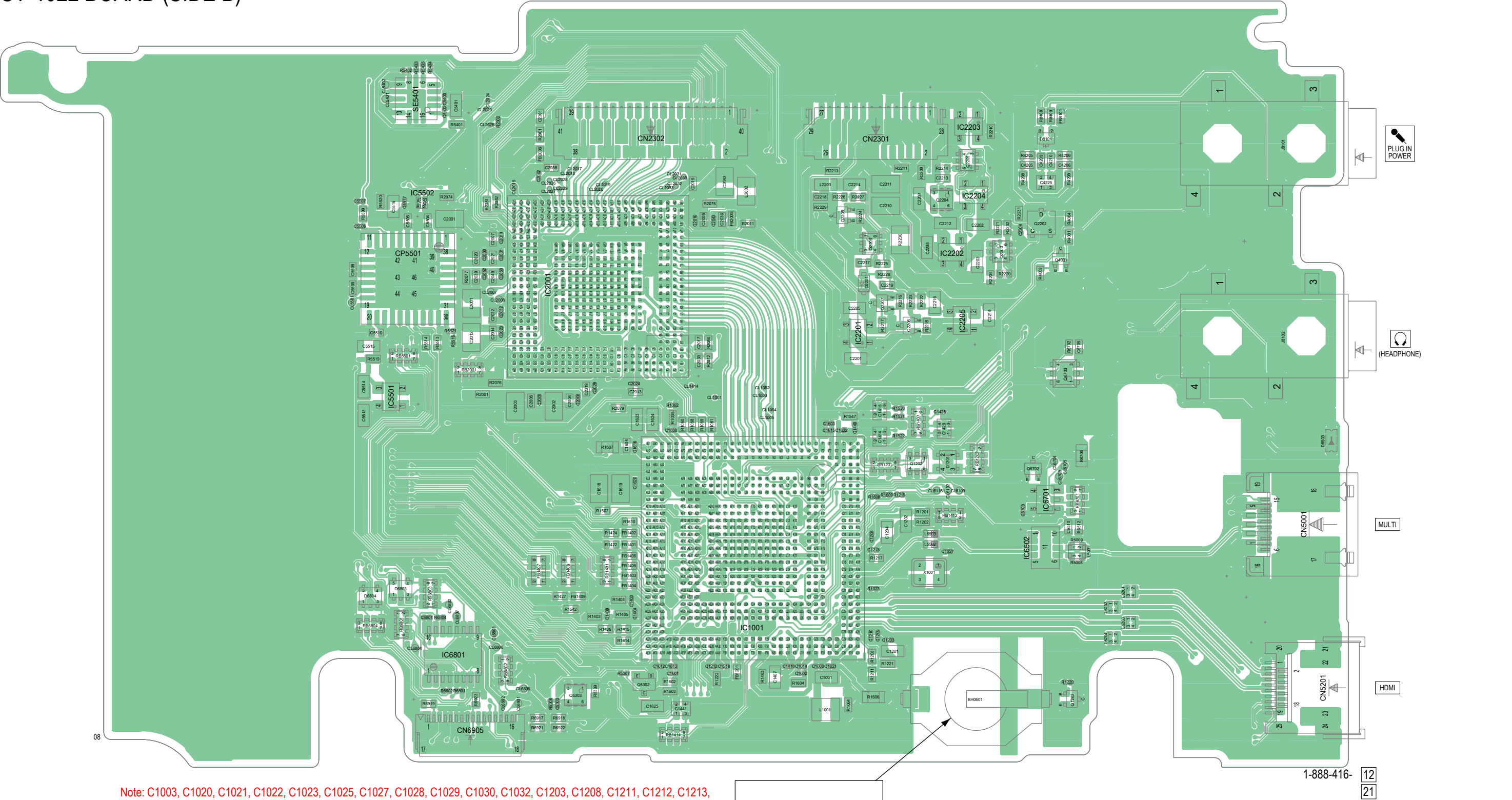


1-886-233- 11

Note: All mounted parts and IS-111 BOARD are not supplied,
but they are included in MECHA DEVICE SERVICE (3000/3100).

1-888-416-

12
21



Note: C1003, C1020, C1021, C1022, C1023, C1025, C1027, C1028, C1029, C1030, C1032, C1203, C1208, C1211, C1212, C1213, C1601, C1602, C1603, C1612, C1613, C1614, C1615, C1616, C1617, C1620, C1621, C1622, C2008, C2009, C2010, C2011, C2023, C2024, C2042, C2043, C2052, C2204, C5504, C5505, C5508, C5509, C5510, C5517, C6703, C6704, C6801, C6802, CN2301, CN5001, CN5201, CP5501, IC1001, IC2001, IC5501, IC5502, L5201, L5202, L5203, L5204, Q5302, R1522, R1530, R1531, R1608, R1609 and X1001 are not supplied, but they are included in SY-1022 COMPLETE BOARD (SERVICE).

Note: BT0601 is not included in SY-1022 COMPLETE BOARD (SERVICE).

BT0601
(LITHIUM BATTERY)

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.

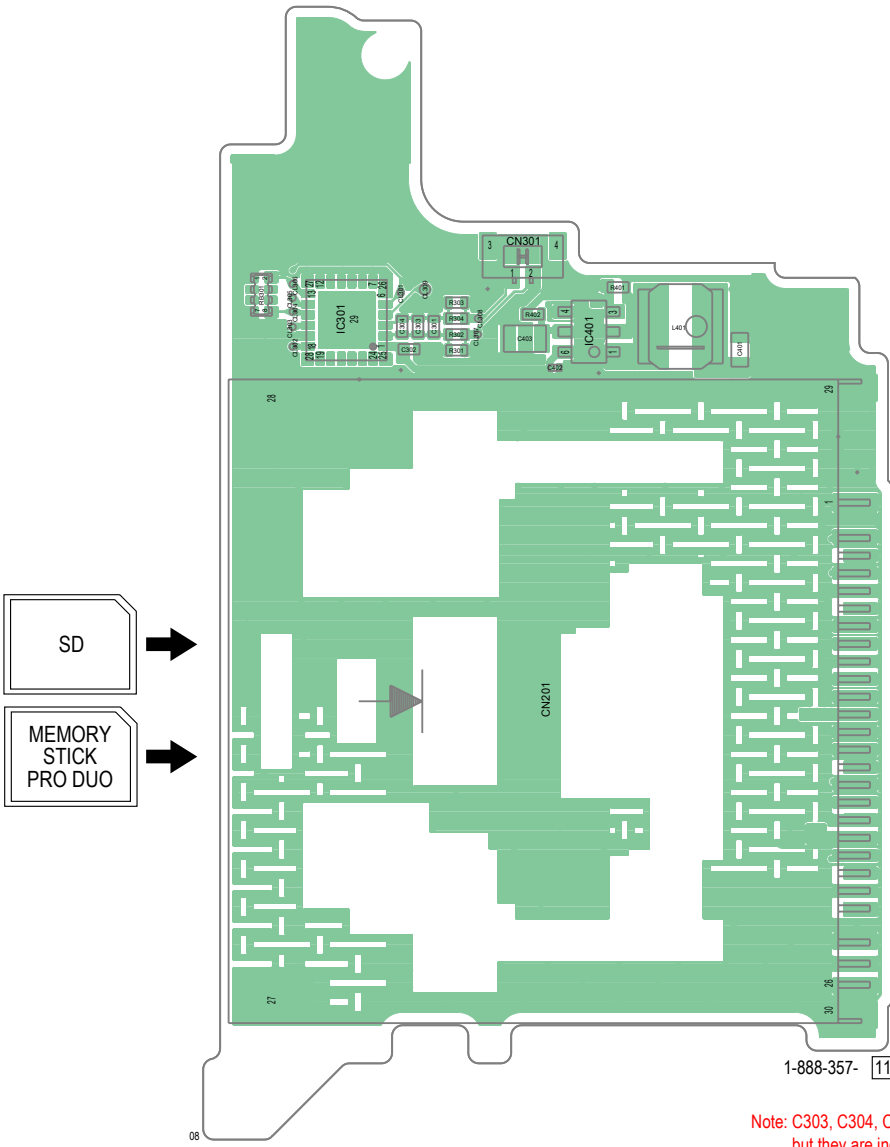
注意
如果电池更换不当会有爆炸危险。
只能用同样类型或等效类型的电池来更换。
务必按照说明处置用完的电池。

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。

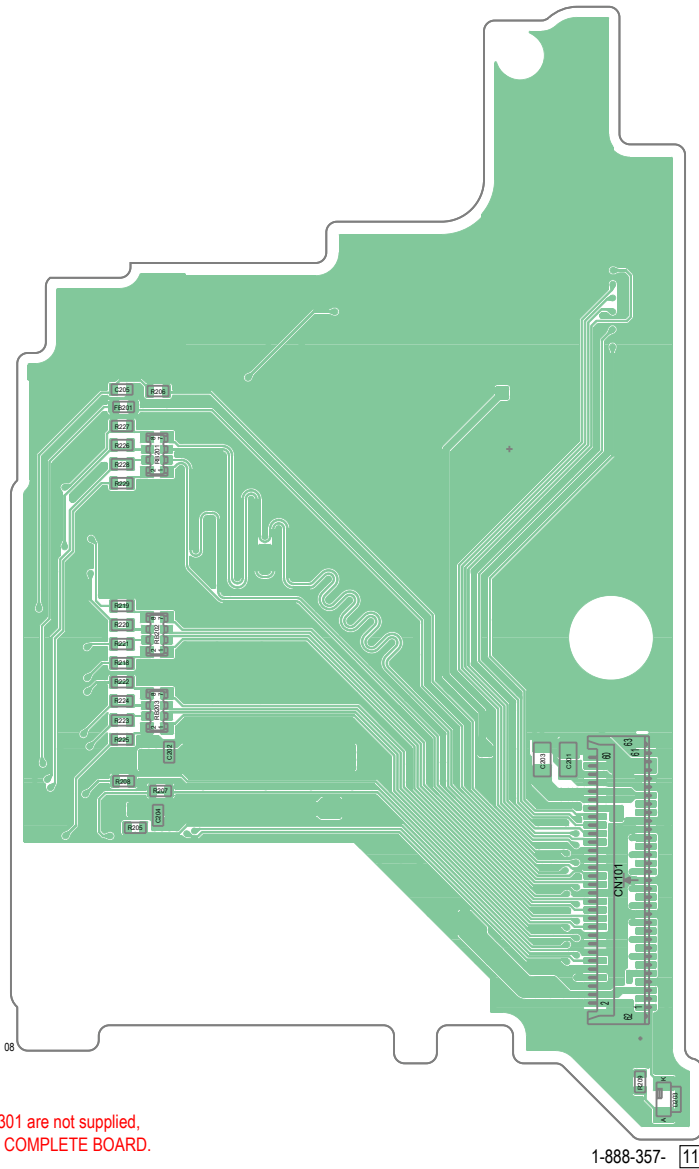
Note: Replace the battery holder (BH0601) together when replacing the lithium secondary battery (BT0601) on the SY-1022 board. (The battery holder removed once cannot be used again.) When mounting these parts, mount new battery holder first and attach new lithium battery next.

Note: SY-1022基板のリチウム蓄電池 (BT0601) を交換する場合はバッテリーホルダ (BH0601) 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下さい。

CN-1025 BOARD (SIDE A)

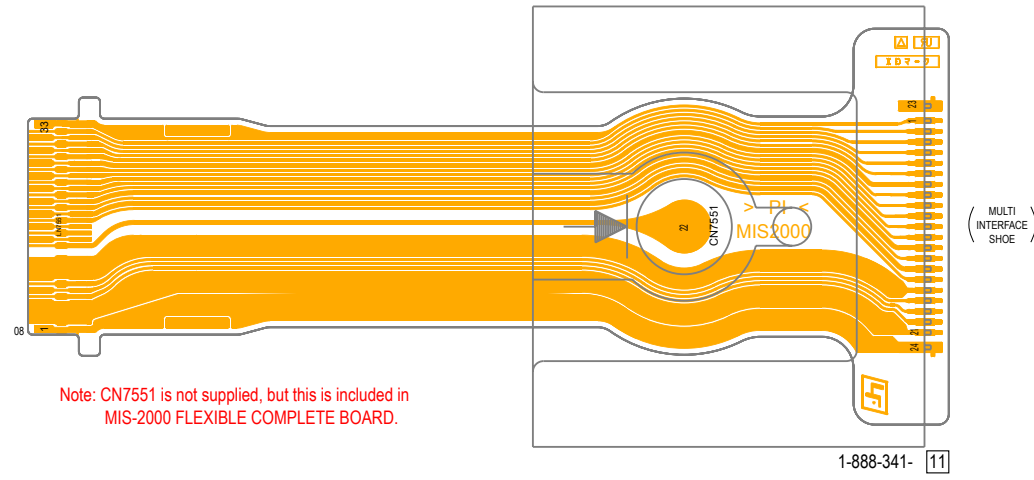


CN-1025 BOARD (SIDE B)



Note: C303, C304, C402, C403 and IC301 are not supplied,
but they are included in CN-1025 COMPLETE BOARD.

MIS-2000 FLEXIBLE BOARD



Note: CN7551 is not supplied, but this is included in
MIS-2000 FLEXIBLE COMPLETE BOARD.

RL-1018 FLEXIBLE BOARD

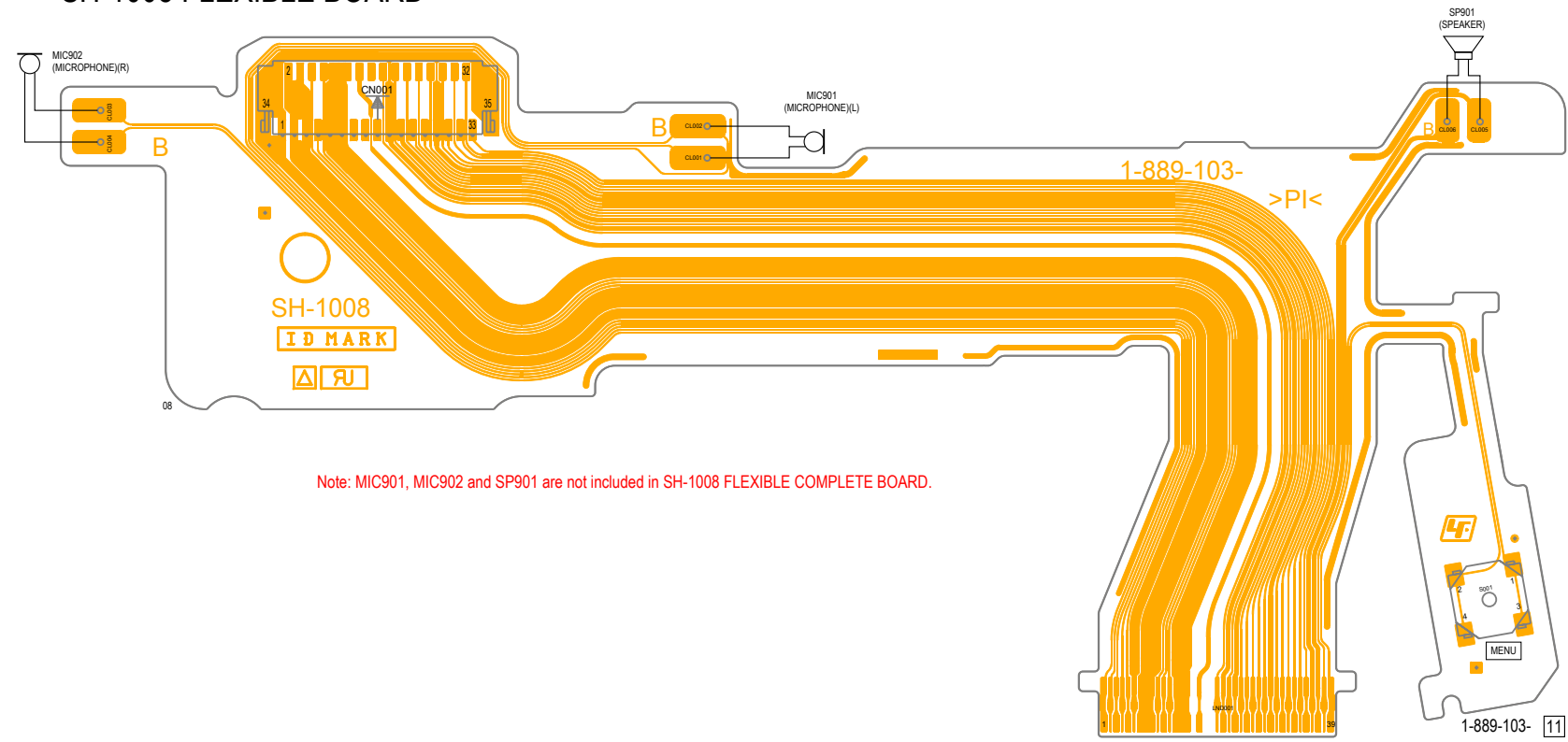
The diagram illustrates the RL-1018 Flexible Board, a complex circuit board with multiple components and connectors. The board is primarily orange with black outlines for components and connectors. Key components include:

- S001 (AF/IMF)**: A component located at the bottom center, connected to a multi-pin connector labeled **CN001**.
- S003 (MOVIE)**: A component located at the bottom right, connected to a multi-pin connector labeled **CN004**.
- S005 (ON/OFF)**: A component located in the center, connected to a multi-pin connector labeled **CN003**.
- S006 (AEL)**: A component located at the bottom center, connected to a multi-pin connector labeled **CN001**.
- S007 (C2)**: A component located on the left side, connected to a multi-pin connector labeled **CN002**.
- S008 (MODE DIAL)**: A component located at the top left, connected to a multi-pin connector labeled **CN001**.
- S009**: A component located at the top right, connected to a multi-pin connector labeled **CN001**.

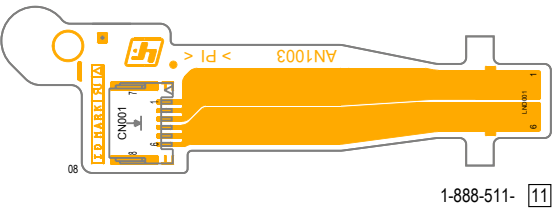
The board also features several other components and connectors, including **CN001**, **CN002**, **CN003**, and **CN004**. The board is labeled **RL-1018** in the center. The diagram includes a detailed view of the board's layout, showing the placement of components and the routing of signals.

[illegible]

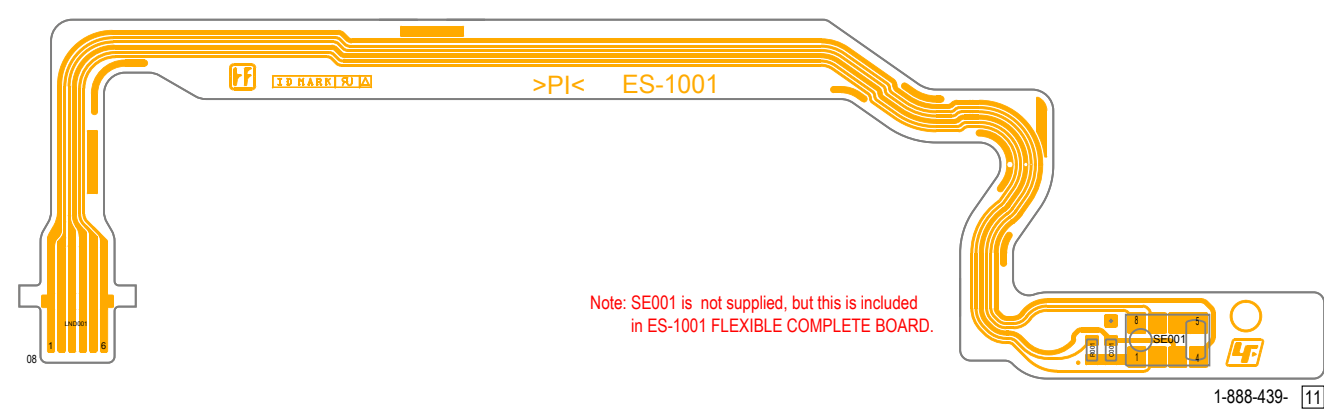
SH-1008 FLEXIBLE BOARD



AN-1003 FLEXIBLE BOARD



ES-1001 FLEXIBLE BOARD



DL-1001 FLEXIBLE BOARD

