

# MVC-CD1000

## SERVICE MANUAL

Level 3

Ver 1.0 2000.07

*Self Diagnosis*  
Supported model

Mavica

COMPACT  
disc  
Recordable

InfoLITHIUM™  
L  
SERIES



US Model  
Canadian Model  
AEP Model  
UK Model  
E Model  
Australian Model  
Japanese Model

This service manual contains information for Japanese model as well.

**The information that is not described in this Service Manual is described in the LEVEL 2 Service Manual.**  
**When repairing, use this manual together with LEVEL 2 Service Manual.**

### Contents of LEVEL 2 Service Manual

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1. GENERAL	
2. DISASSEMBLY	
3. BLOCK DIAGRAMS	OVERALL
	STEADY SHOT
	MODE CONTROL
	LCD
	EVF
	POWER
4. PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS	CD-272 BOARD
	MK-015 BOARD
	VC-246 BOARD
	VP-051 BOARD
	SE-115 BOARD
	SW-342 BOARD
	PK-051 BOARD
	LB-066 BOARD
	VF-144 BOARD
	CONTROL SWITCH BLOCK (AE52K, ZM52K, AJ52K, MP52K, JK52K, FS52K, LC52K)
5. ADJUSTMENTS	
6. REPAIR PARTS LIST	EXPLODED VIEWS
	ELECTRICAL PARTS LIST

DIGITAL STILL CAMERA

SONY®

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### CAUTION

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

CLASS 1 LASER PRODUCT  
LASER KLASSE 1  
LUOKAN 1 LASERLAITE  
KLASS 1 LASERAPPARAT

### SAFETY-RELATED COMPONENT WARNING!!

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

### ATTENTION AU COMPOSANT AYANT RAPPORT À LA SÉCURITÉ!

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

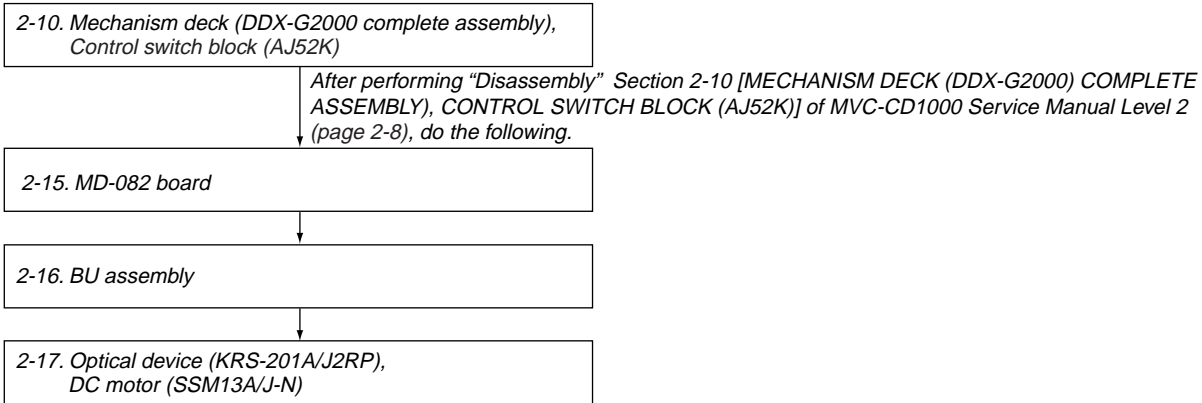
## SAFETY CHECK-OUT

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

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

## SECTION 2 DISASSEMBLY

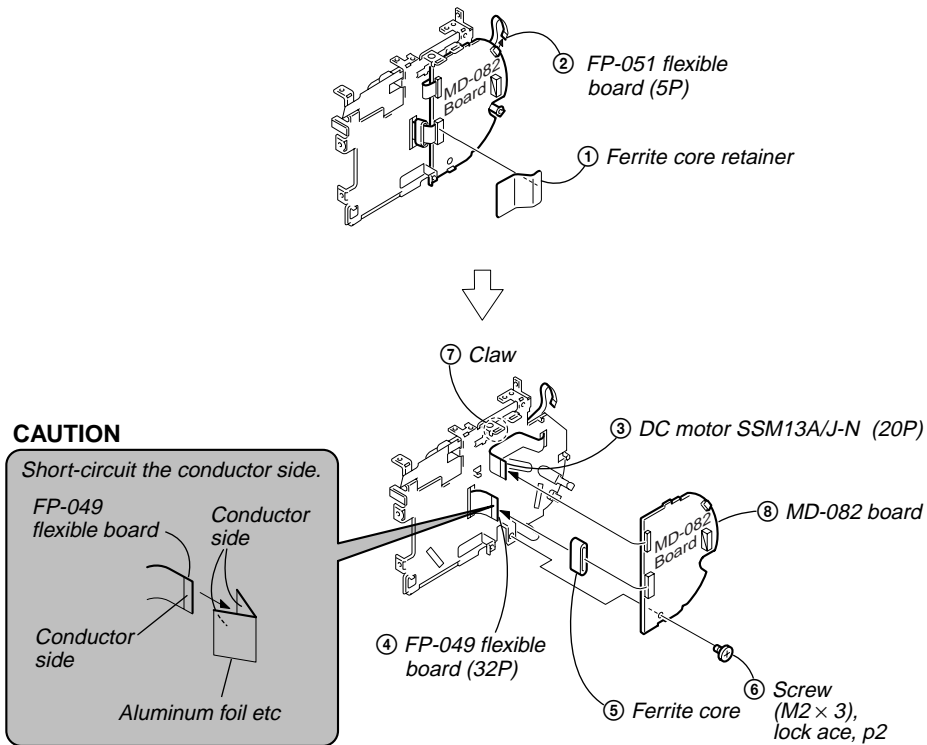
The following flow chart shows the disassembly procedure.



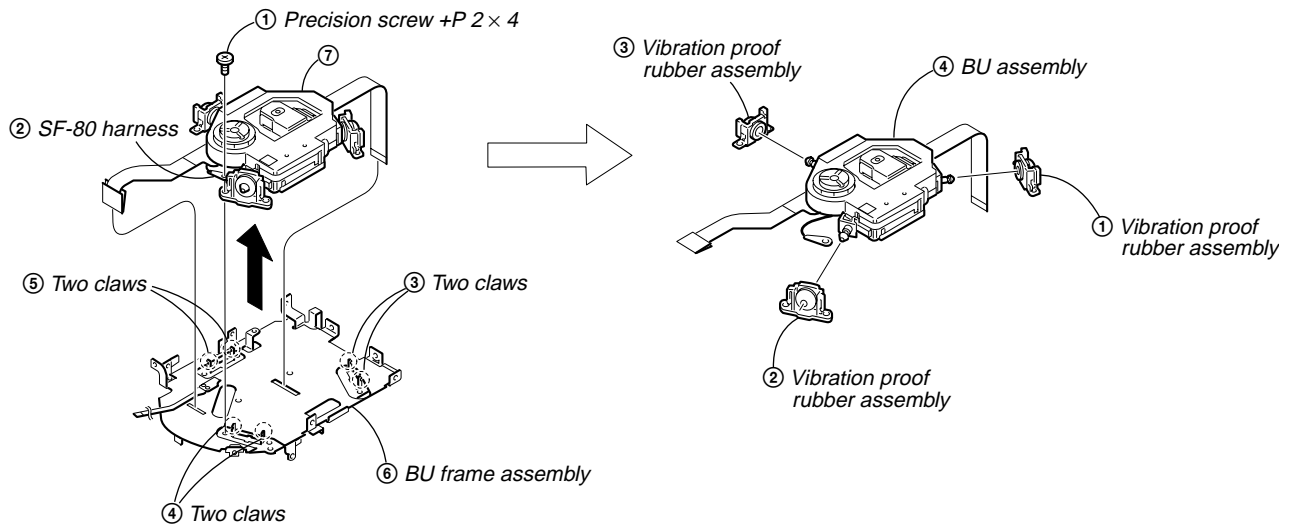
**NOTE:** Follow the disassembly procedure in the numerical order given.

### 2-15. MD-082 BOARD

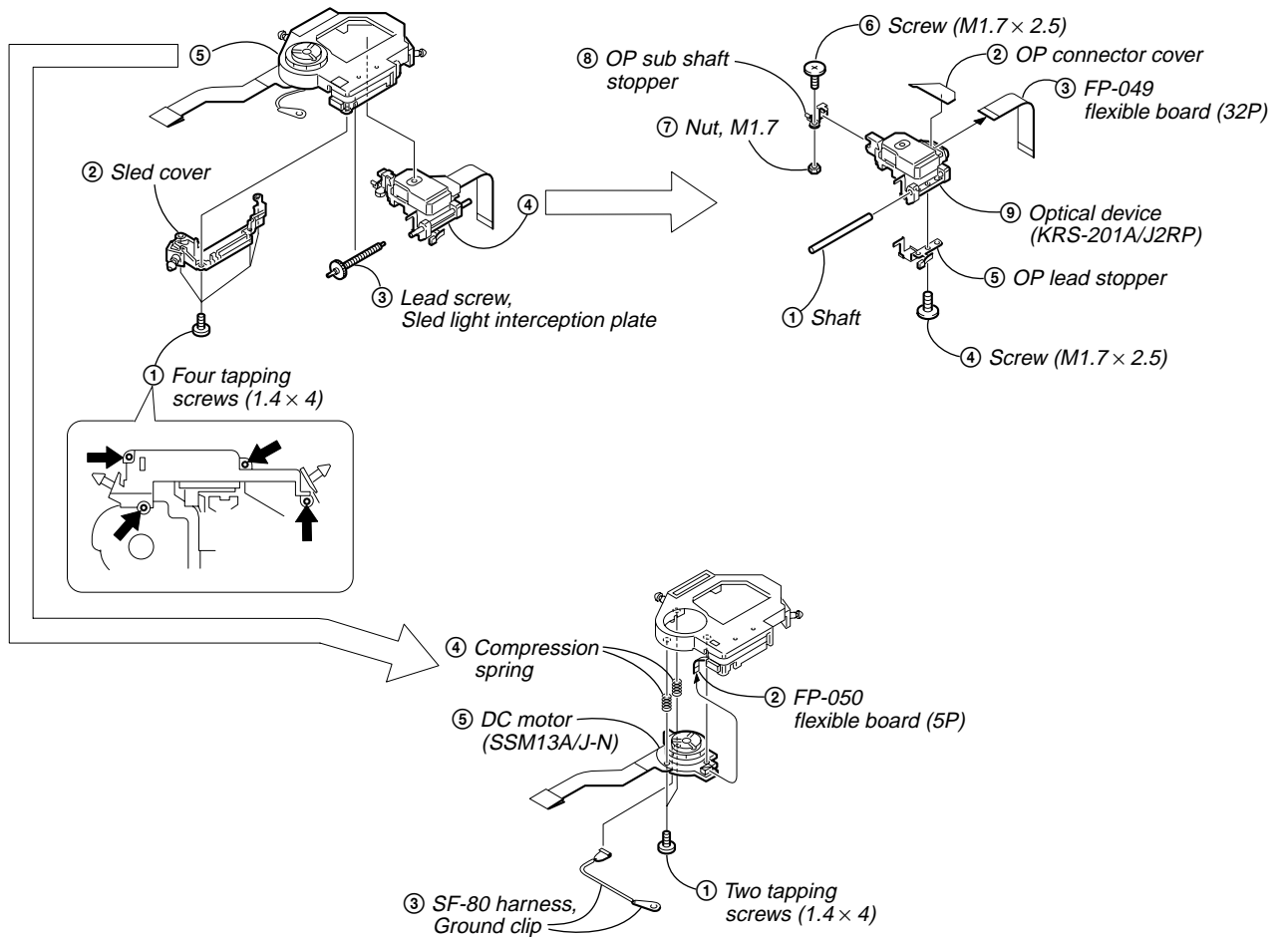
After performing "Disassembly" Section 2-10 [MECHANISM DECK (DDX-G2000) COMPLETE ASSEMBLY], CONTROL SWITCH BLOCK (AJ52K)] of MVC-CD1000 Service Manual Level 2 (page 2-8), do the following.



## 2-16. BU ASSEMBLY

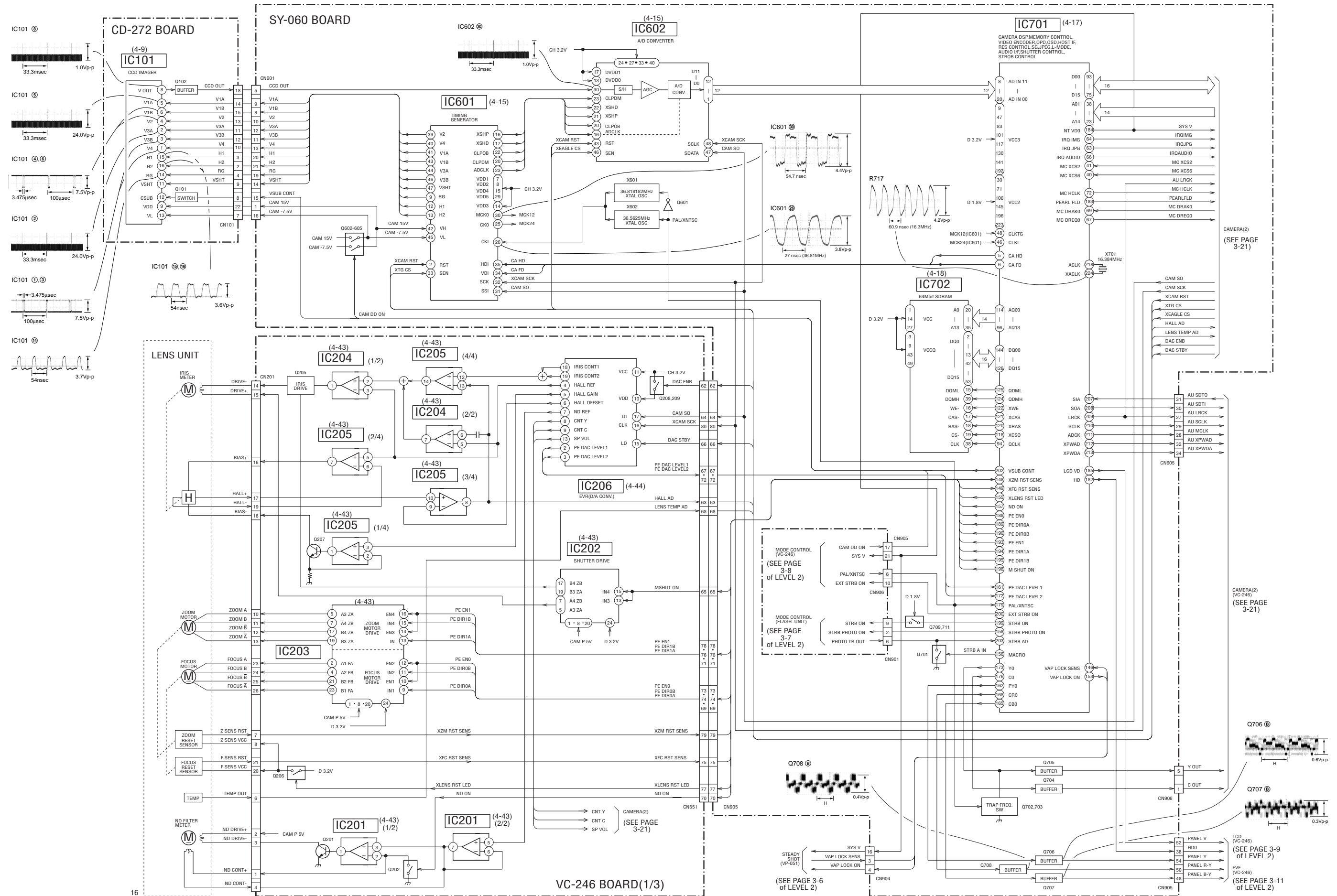


## 2-17. OPTICAL DEVICE (KRS-201A/J2RP), DC MOTOR (SSM13A/J-N)

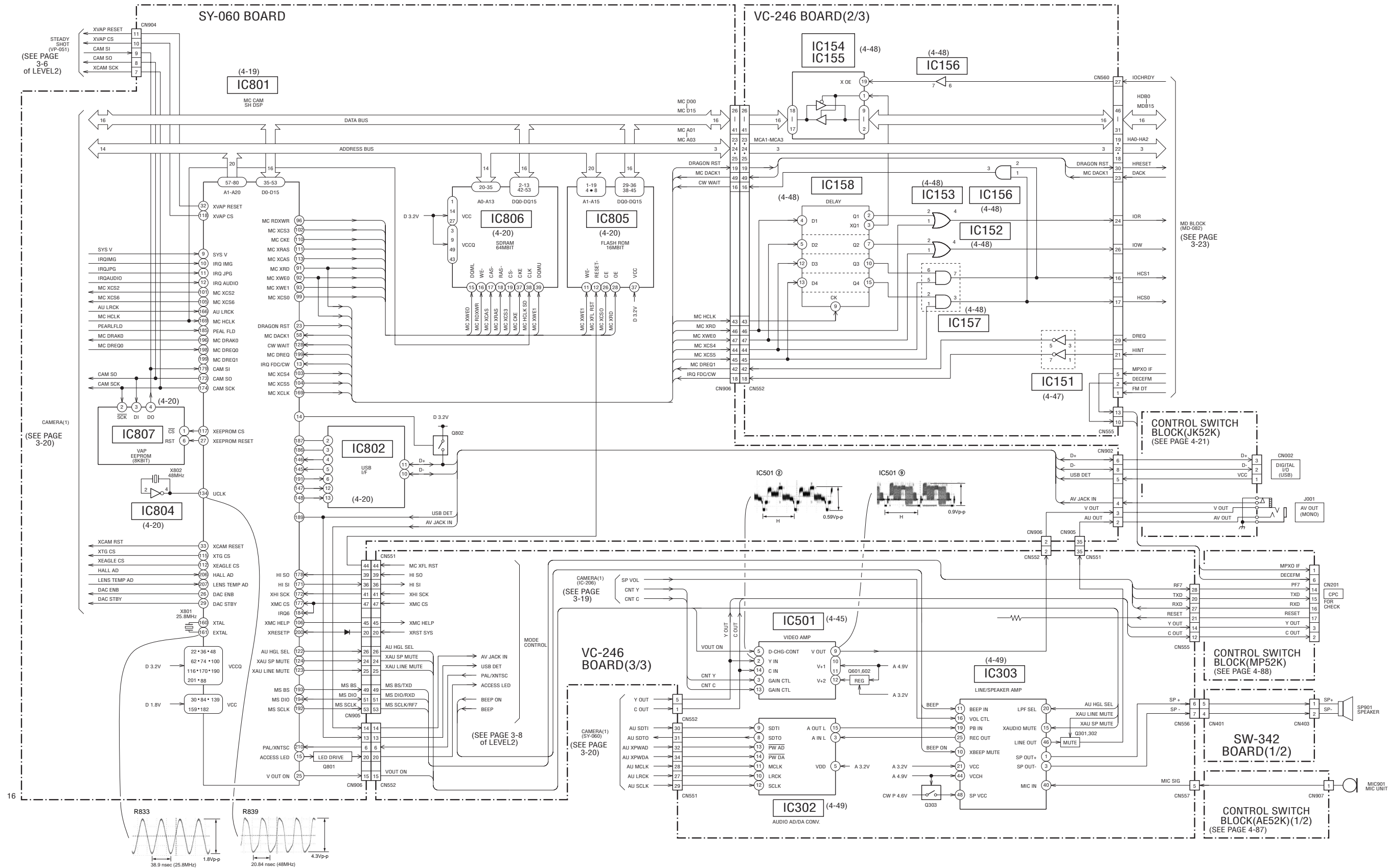


SECTION 3  
BLOCK DIAGRAMS

3-7. CAMERA BLOCK DIAGRAM-1 ( ) : Page No. shown in ( ) indicates the page to refer on the schematic diagram.

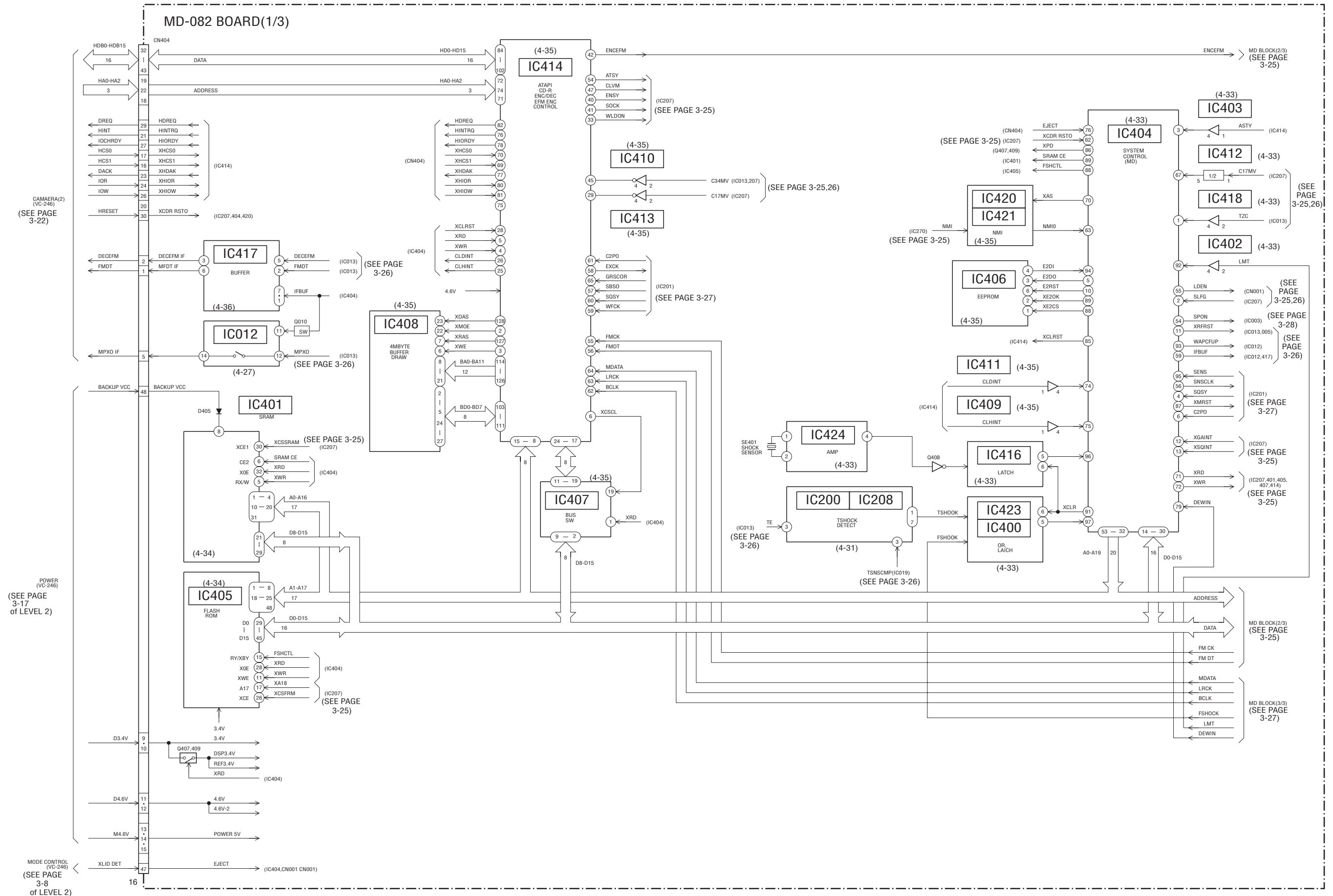


CAMERA BLOCK DIAGRAM-2 ( ) : Page No. shown in ( ) indicates the page to refer on the schematic diagram.

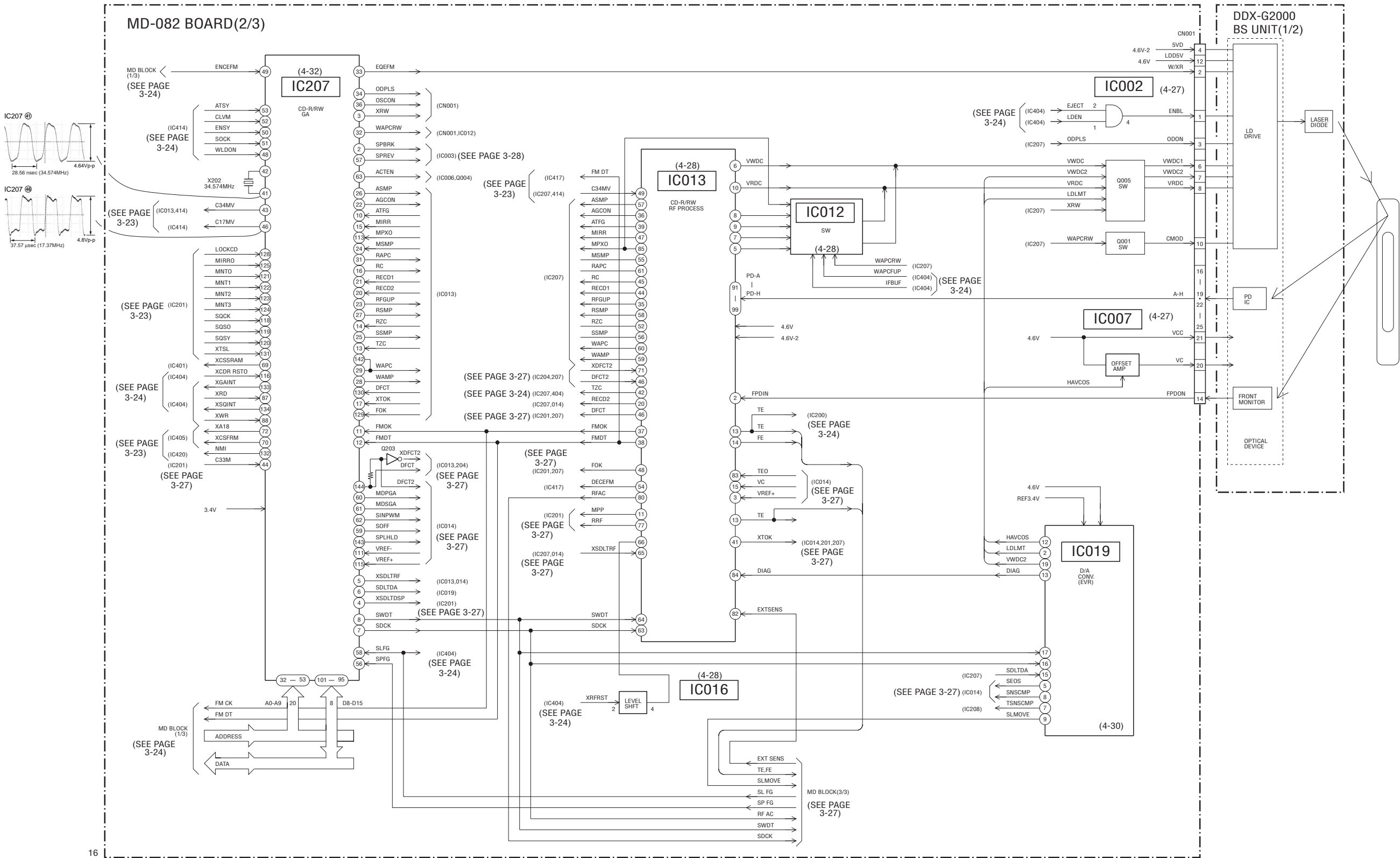




3-8. MD BLOCK DIAGRAM-1 ( ) : Page No. shown in ( ) indicates the page to refer on the schematic diagram.



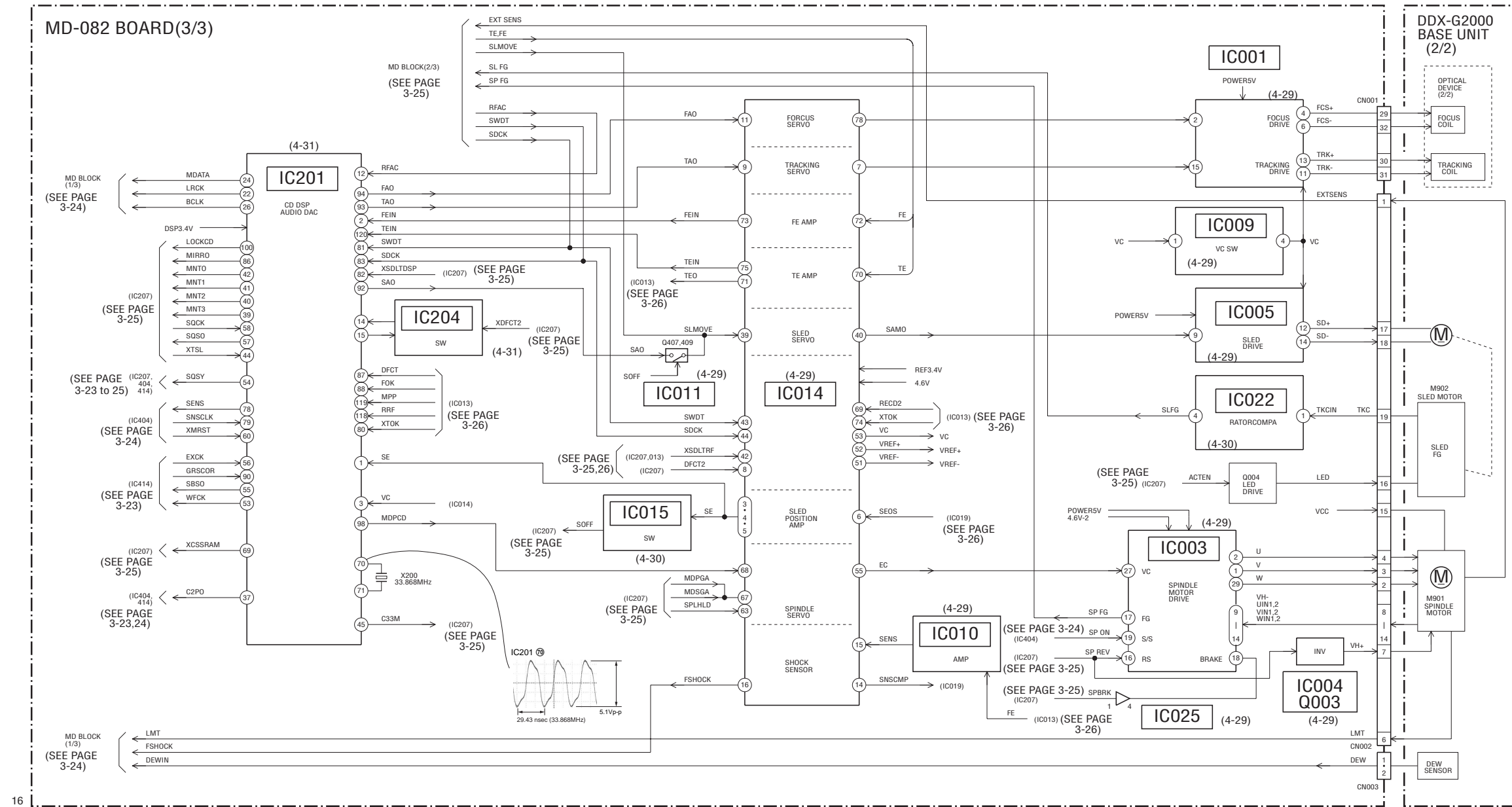
MD BLOCK DIAGRAM-2 ( ) : Page No. shown in ( ) indicates the page to refer on the schematic diagram.



16

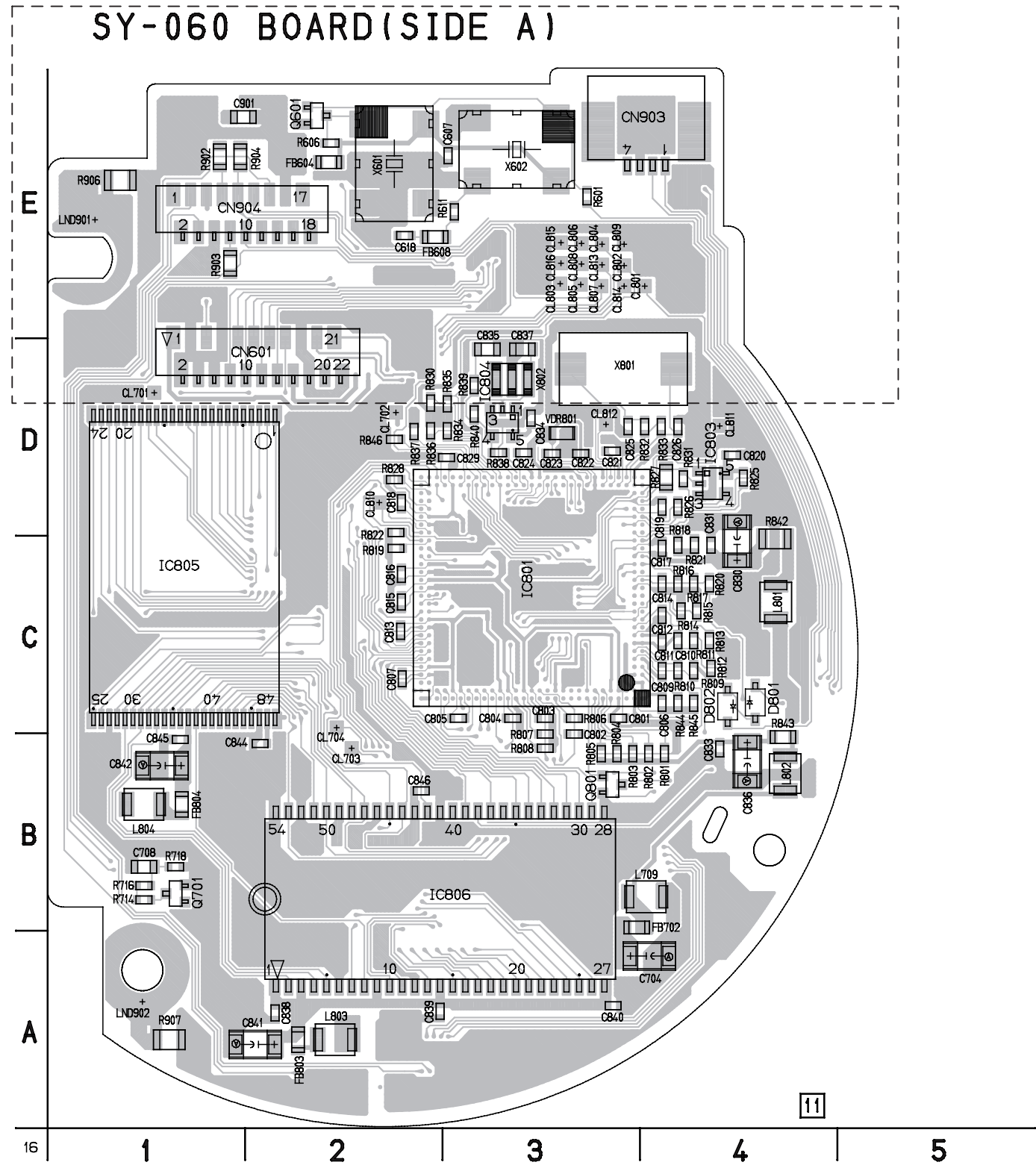
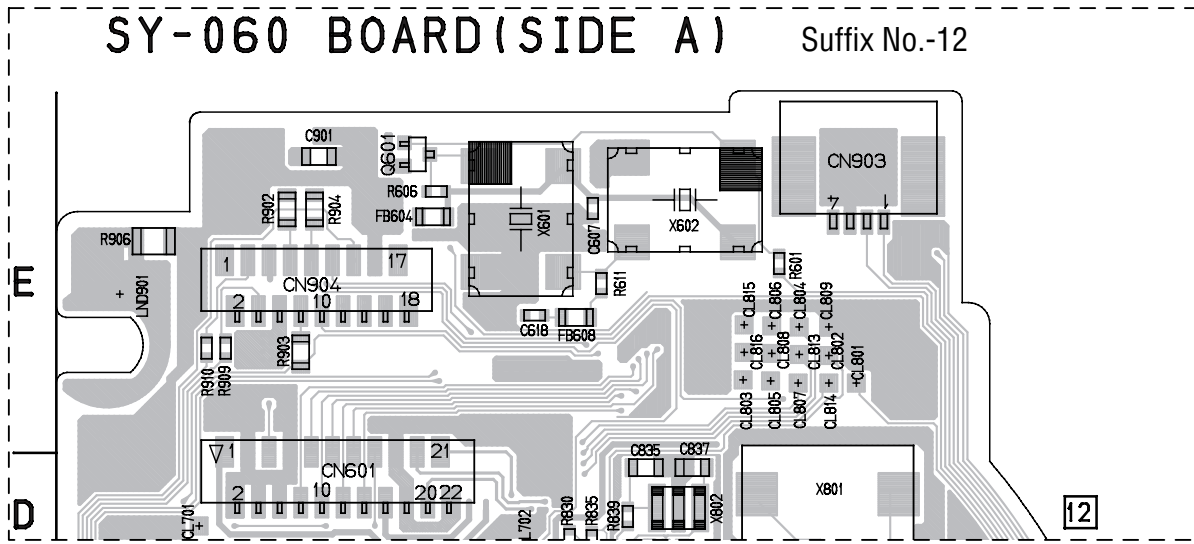


MD BLOCK DIAGRAM-3 ( ) : Page No. shown in ( ) indicates the page to refer on the schematic diagram.



SECTION 4  
PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS

SY-060 (CAMERA PROCESSOR, CAMERA CONT, MC CAM/SH DSP, IN/OUT) PRINTED WIRING BOARD  
— Ref. No. SY-060 Board; 4,000 Series —



For printed wiring boards

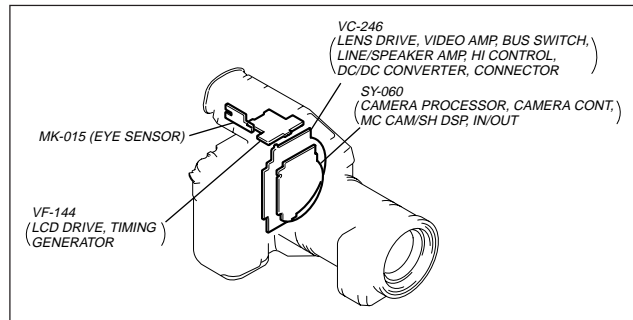
- Refer to page 4-92 for parts location.
- This board consists of multiple layers. However, only the sides (layers) A and B are shown.

- Chip parts

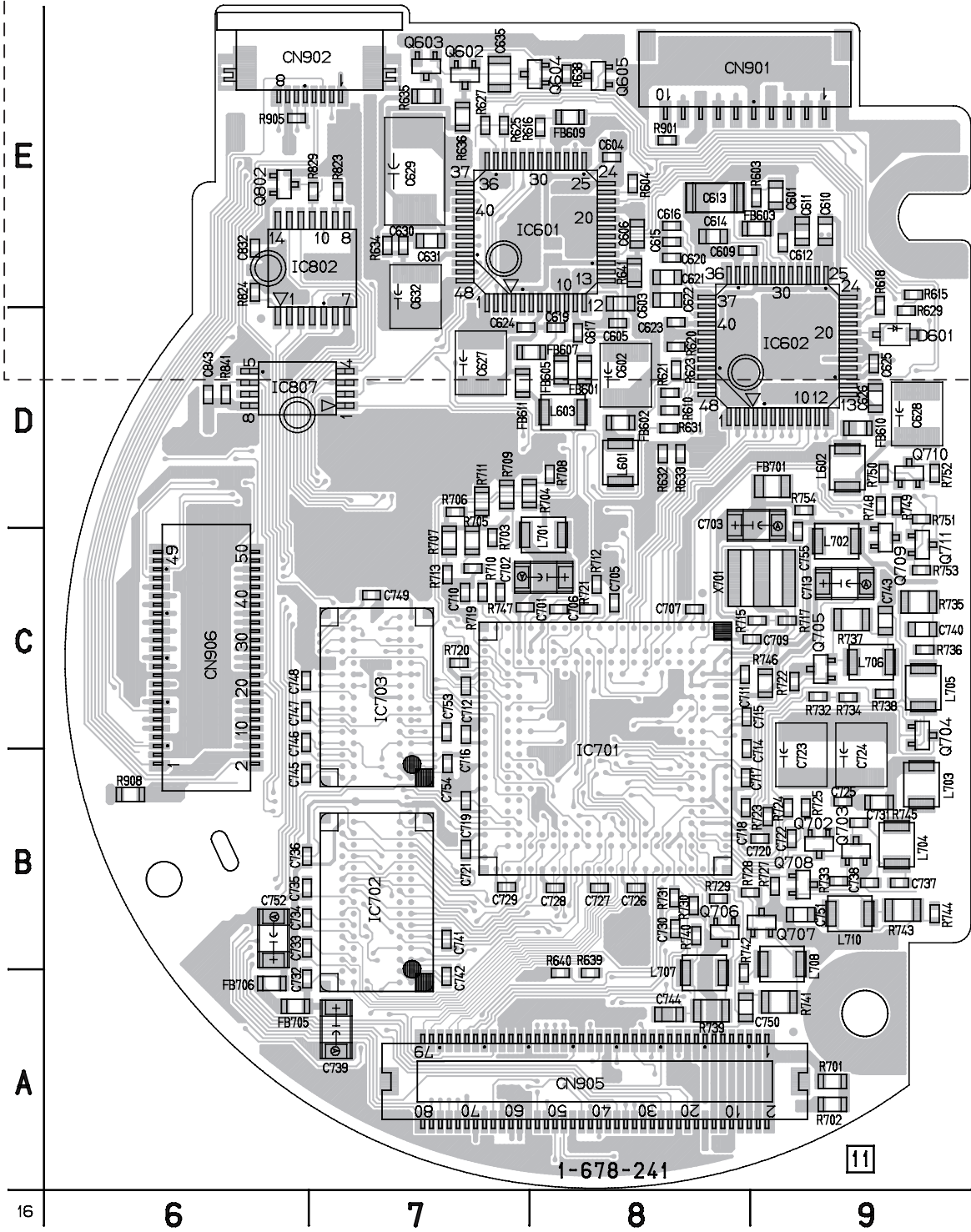
Transistor



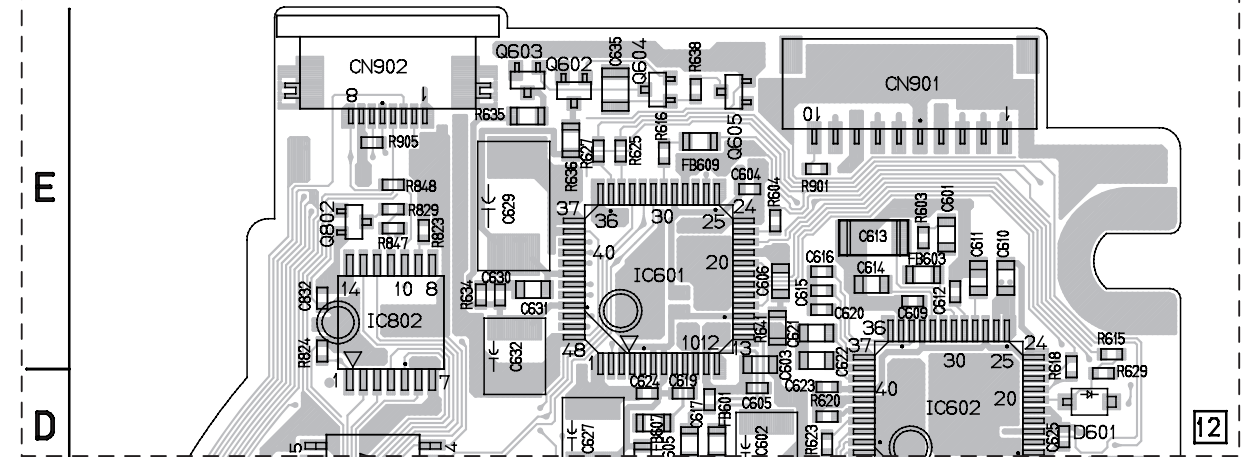
There are a few cases that the part printed on this diagram isn't mounted in this model.



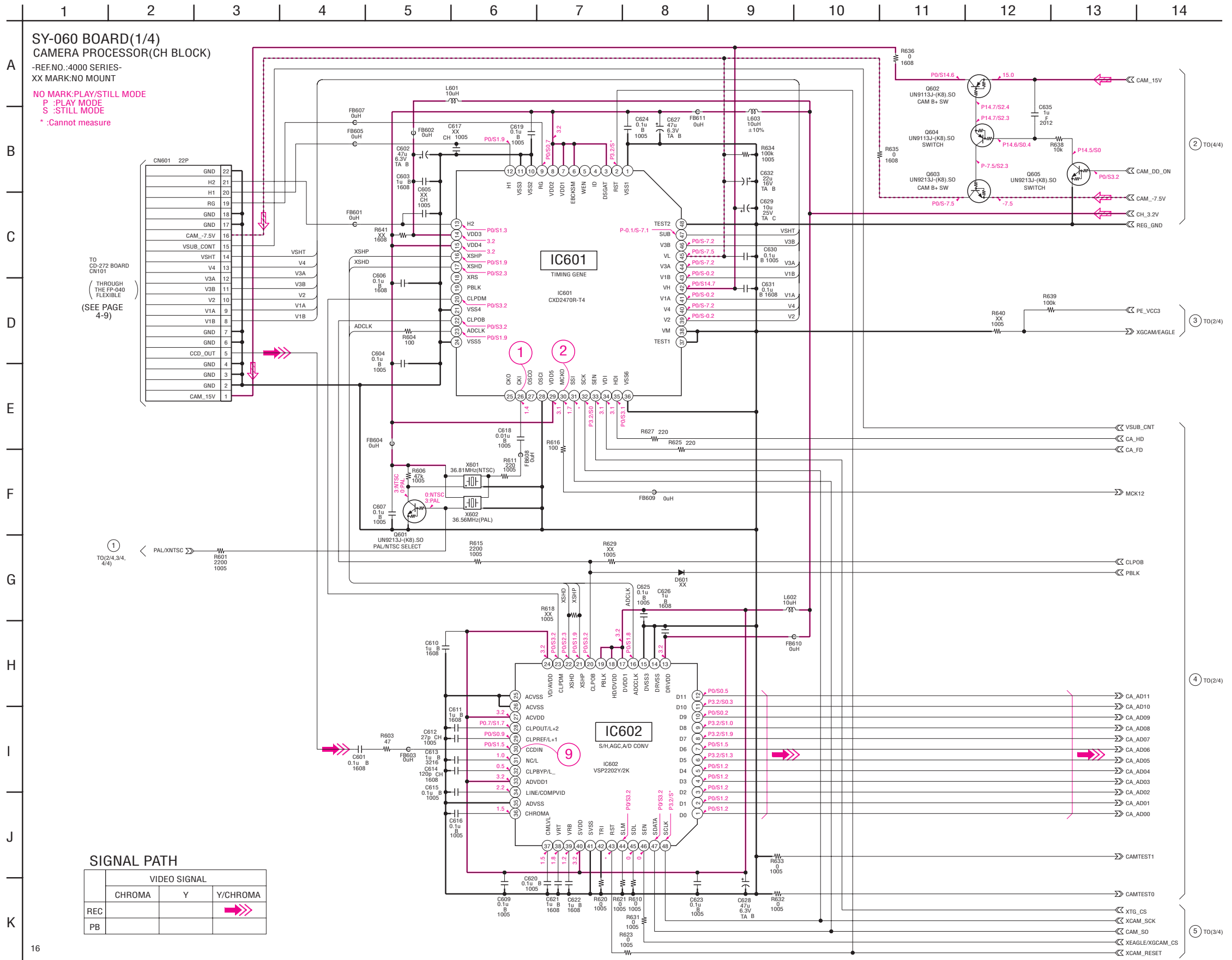
### SY-060 BOARD (SIDE B)



### SY-060 BOARD (SIDE B) Suffix No.-12

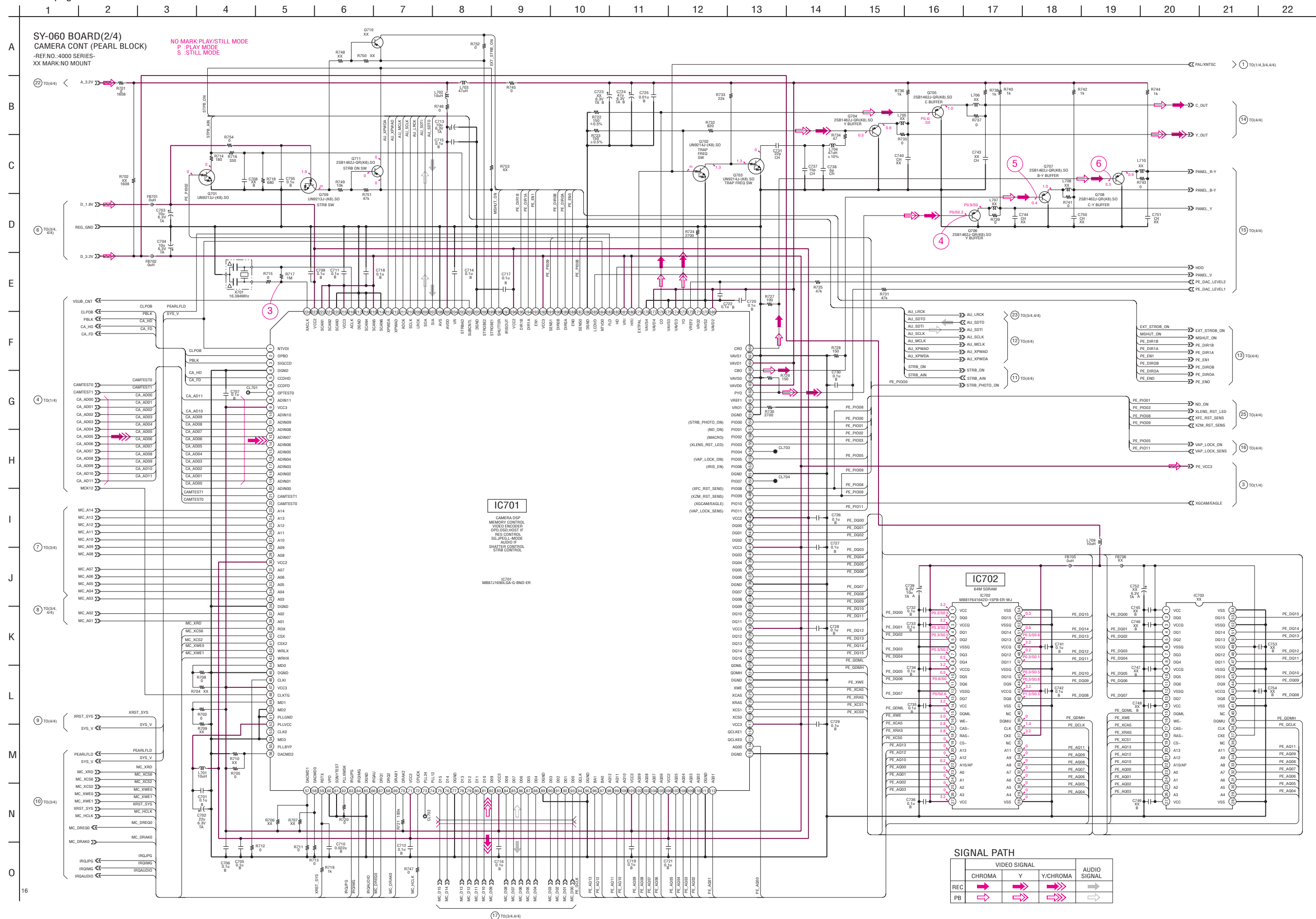


**For schematic diagram**  
 • Refer to page 4-11 for printed wiring board.  
 • Refer to page 4-91 for waveforms.



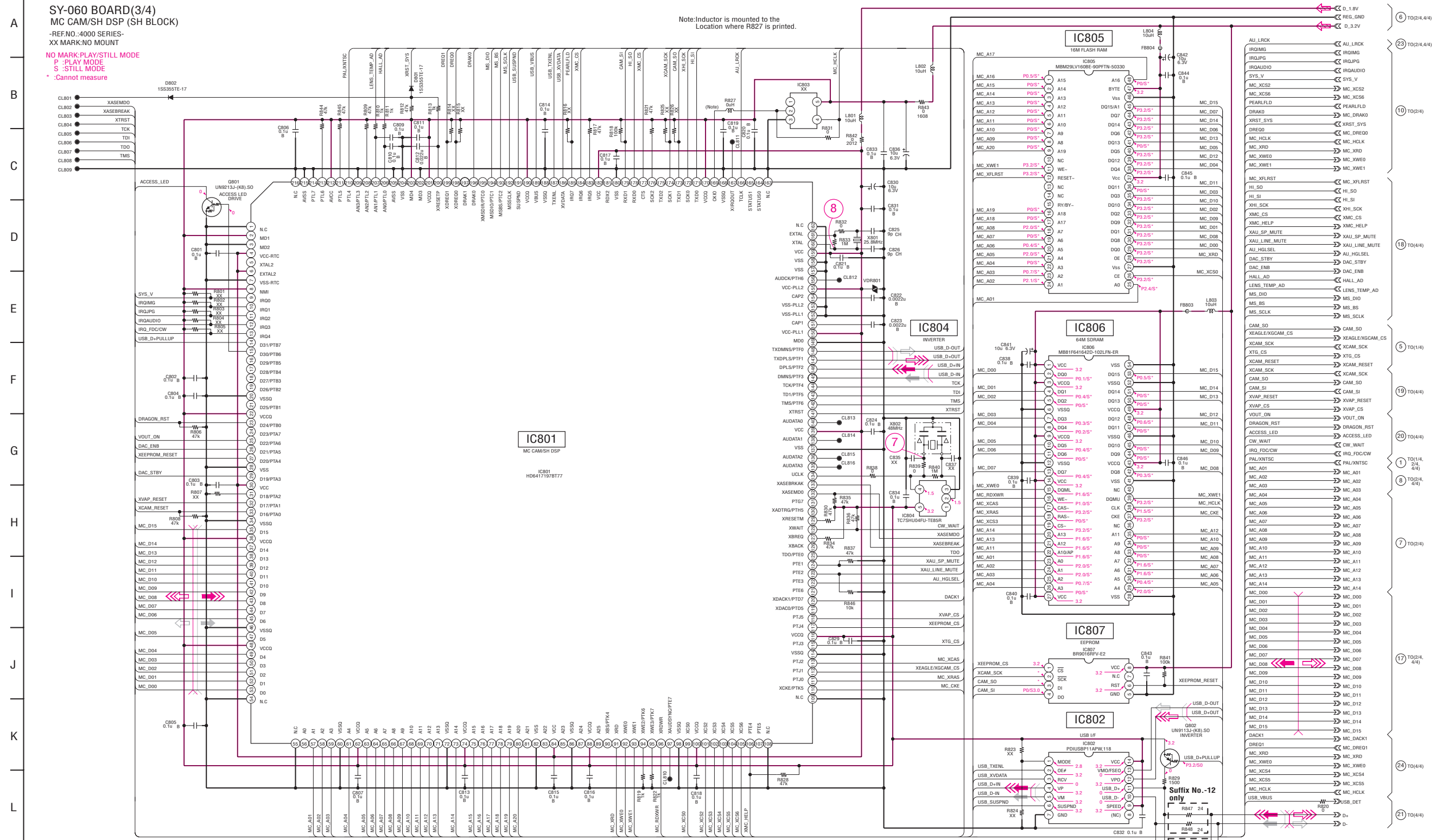


For schematic diagram  
• Refer to page 4-11 for printed wiring board.  
• Refer to page 4-91 for waveforms.



For schematic diagram  
 • Refer to page 4-11 for printed wiring board.  
 • Refer to page 4-91 for waveforms.

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20



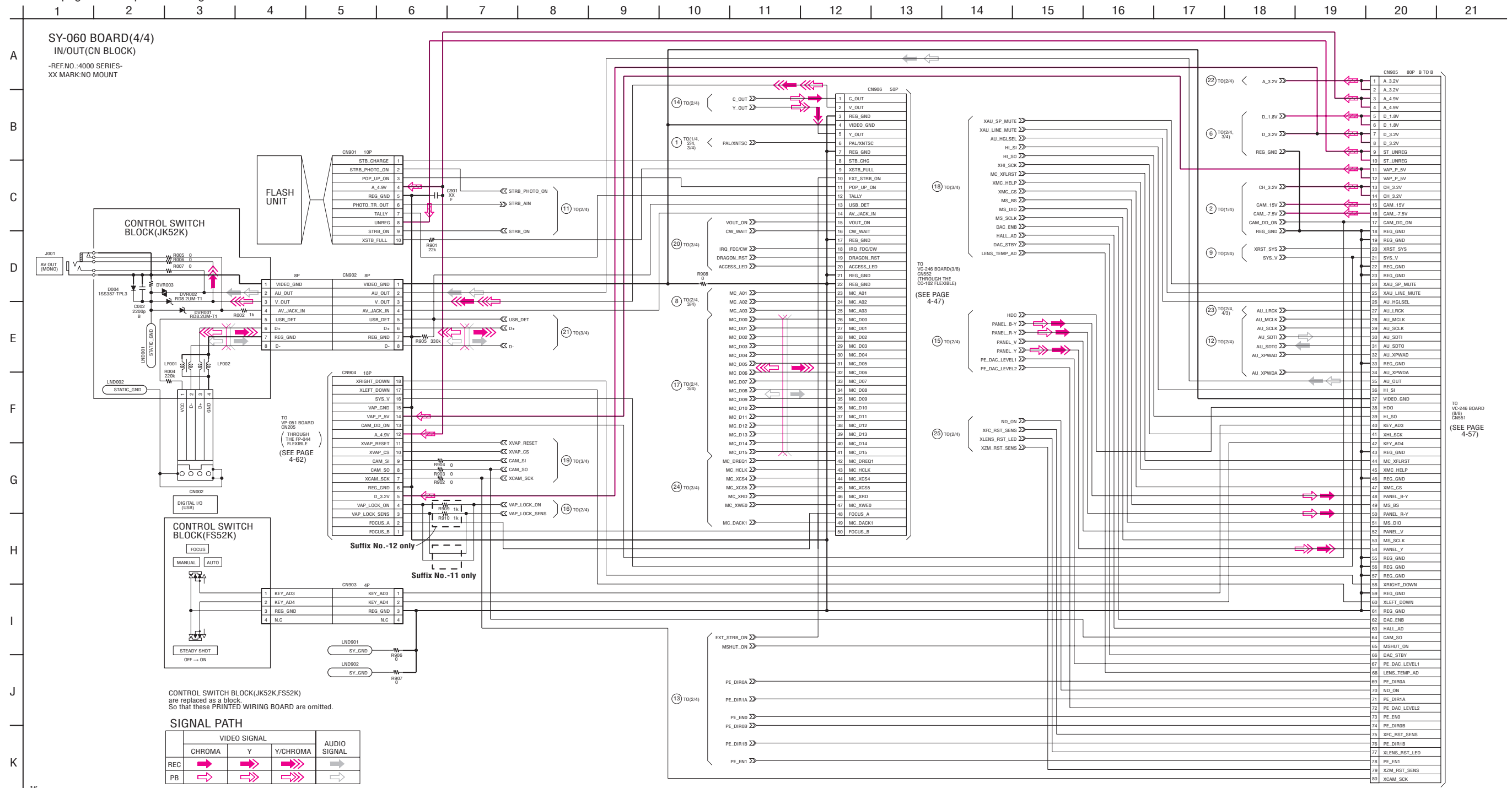
**SIGNAL PATH**

	VIDEO SIGNAL			AUDIO SIGNAL
	CHROMA	Y	Y/CHROMA	
REC			→	→
PB			→	→



**For schematic diagram**

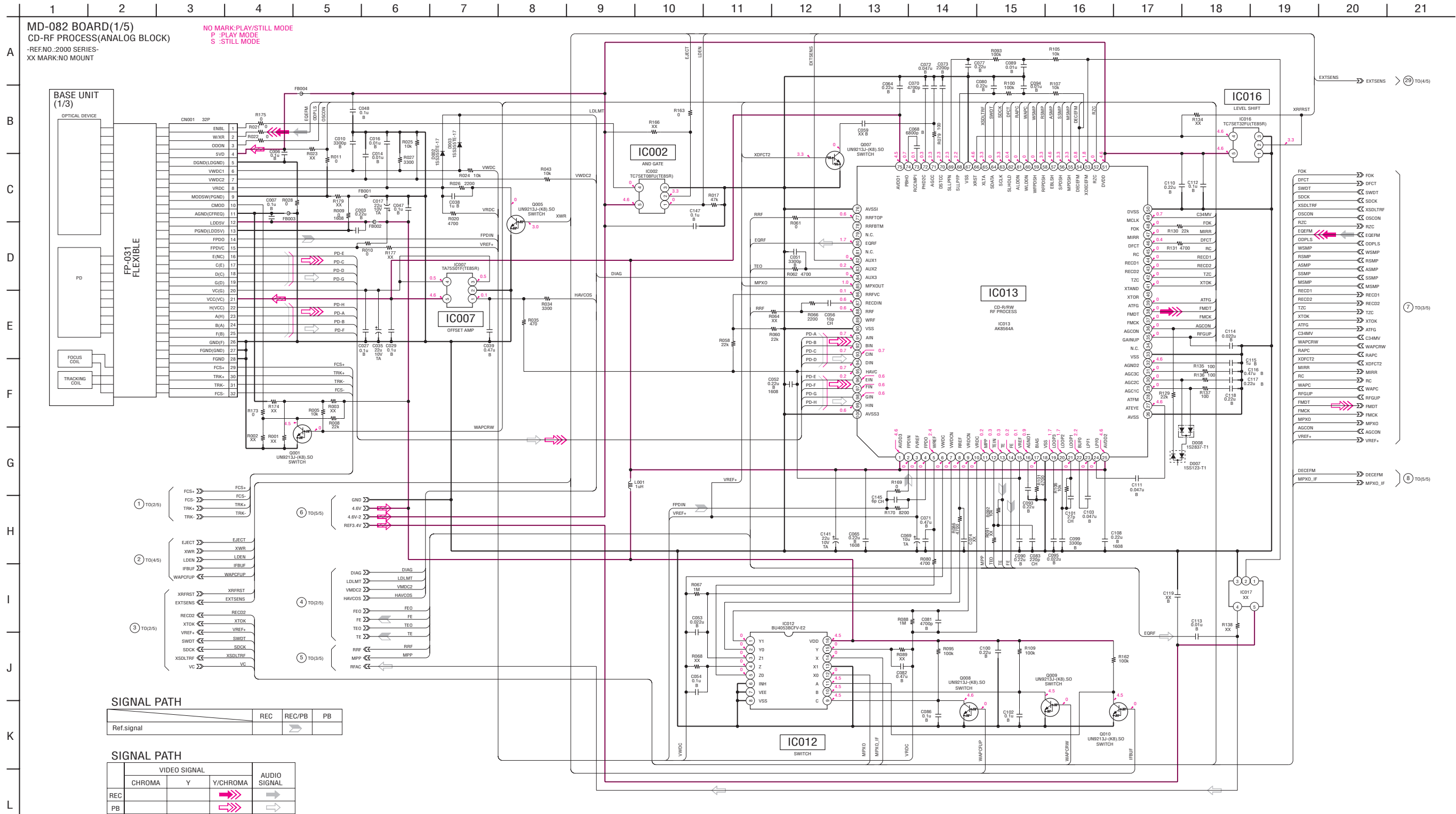
• Refer to page 4-11 for printed wiring board.







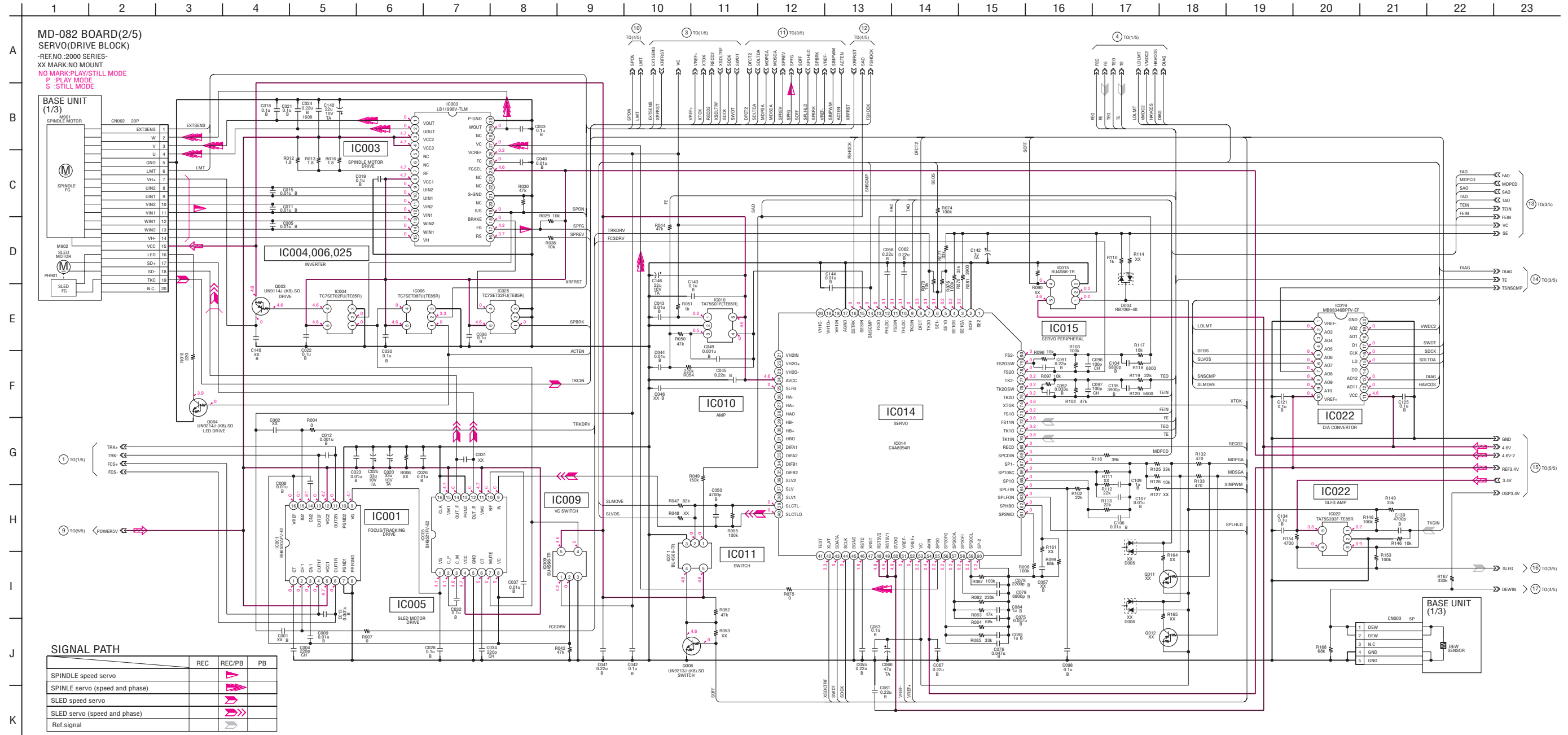
For schematic diagram  
 • Refer to page 4-23 for printed wiring board.





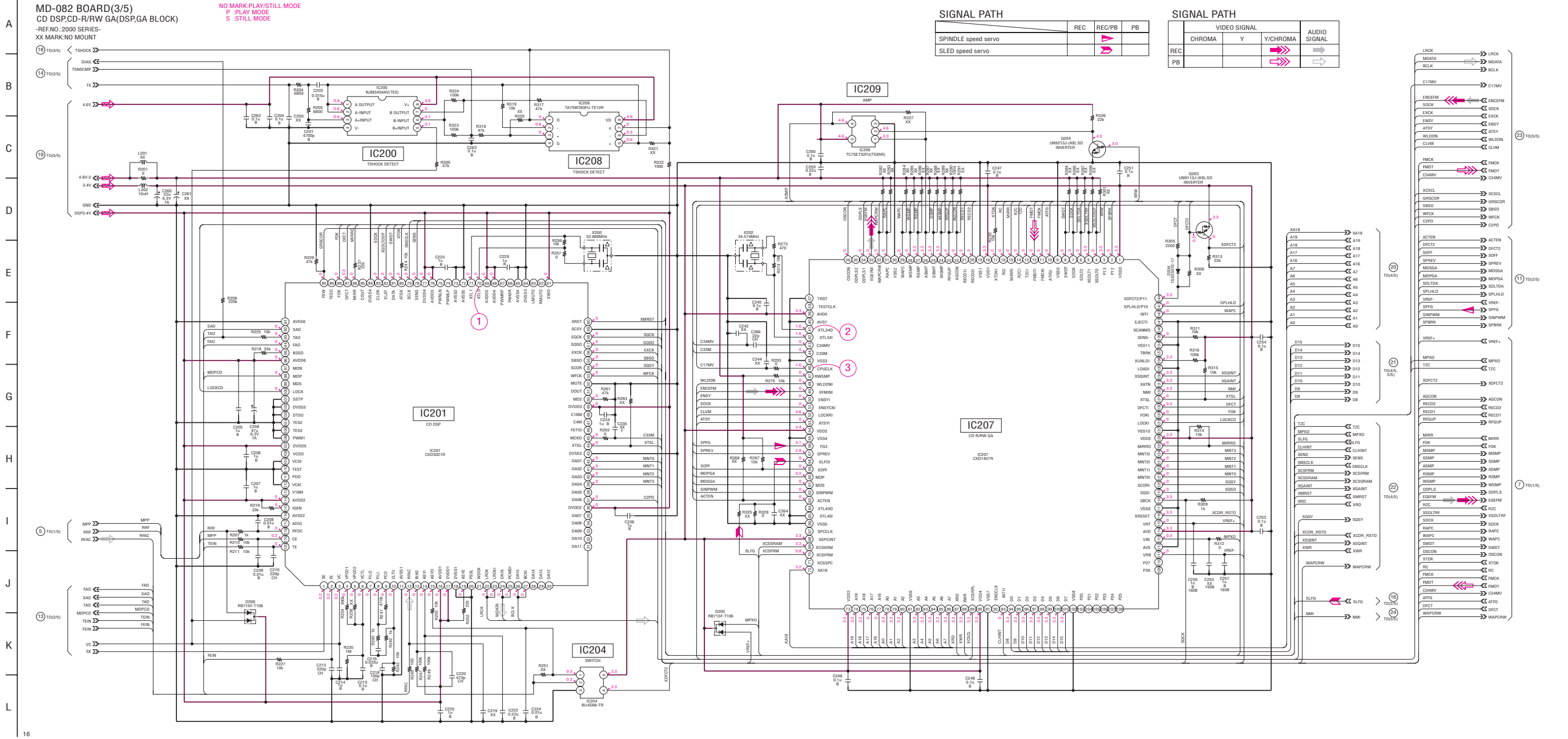
**For schematic diagram**

• Refer to page 4-23 for printed wiring board.



For schematic diagram
Refer to page 4-23 for printed wiring board.
Refer to page 4-91 for waveforms.

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25



SIGNAL PATH table with columns for SPINDLE speed servo, SLED speed servo, REC, REC/PB, and PB.

SIGNAL PATH table with columns for VIDEO SIGNAL (CHROMA, Y, Y/CHROMA) and AUDIO SIGNAL.

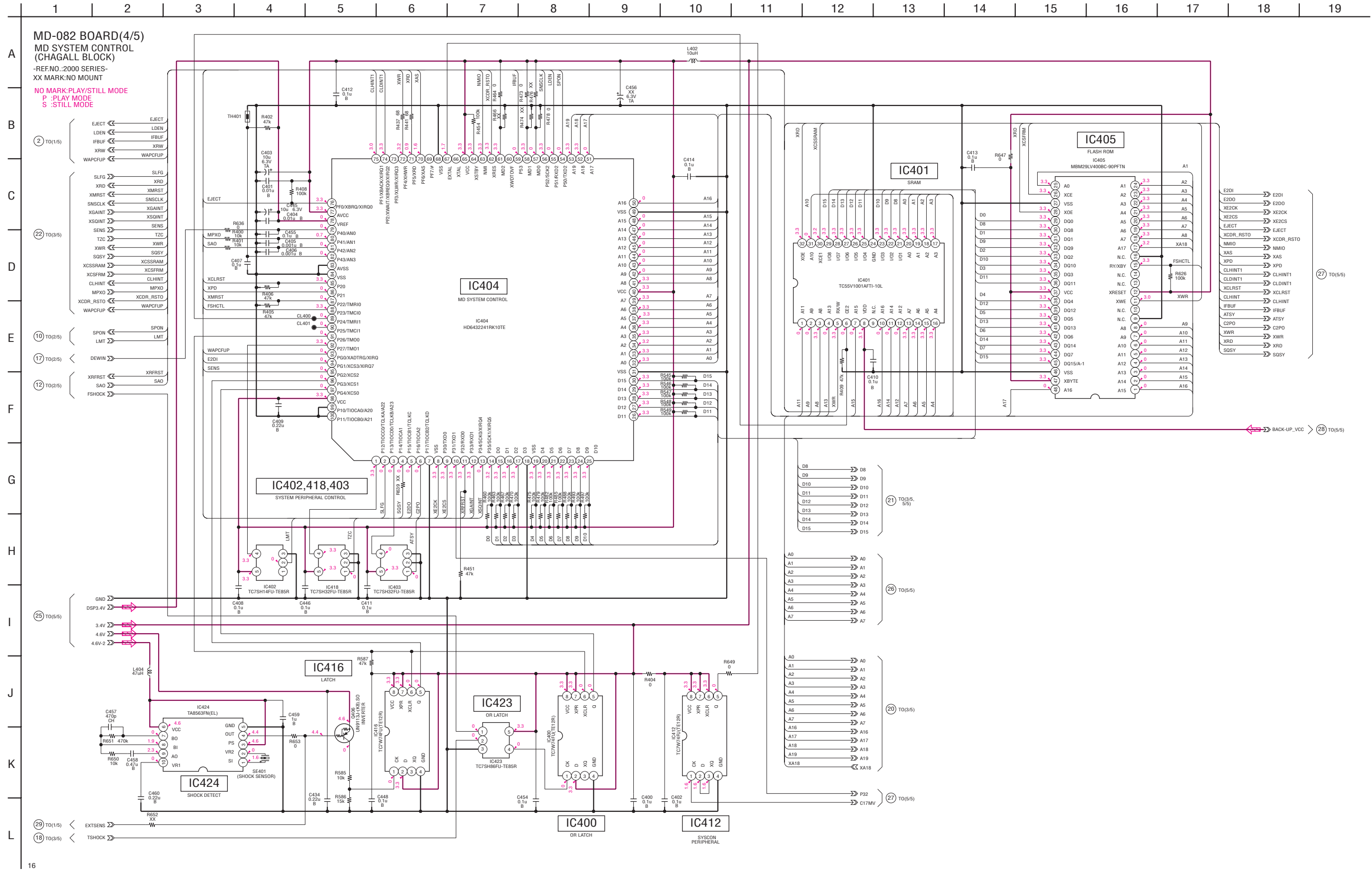
A B C D E F G H I J K L

16



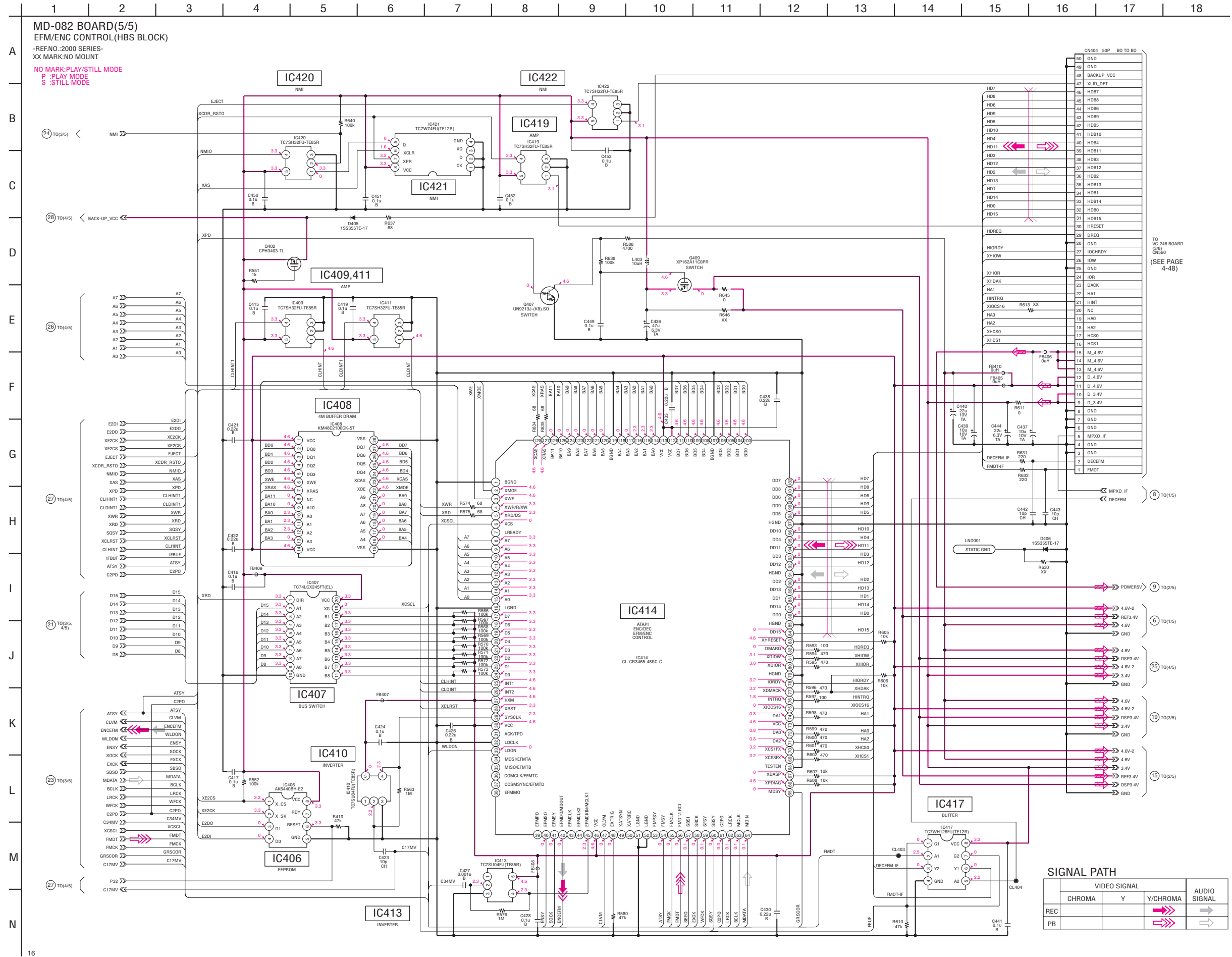
For schematic diagram

• Refer to page 4-23 for printed wiring board.



For schematic diagram

• Refer to page 4-23 for printed wiring board.



A  
B  
C  
D  
E  
F  
G  
H  
I  
J  
K  
L  
M  
N

MD-082 BOARD(5/5)  
EFM/ENC CONTROL(HBS BLOCK)

-REF.NO.:2000 SERIES-  
XX MARK:NO MOUNT  
NO MARK:PLAY/STILL MODE  
P :PLAY MODE  
S :STILL MODE

24 TO(3/5) < NMI >

28 TO(4/5) < BACK-UP\_VCC >

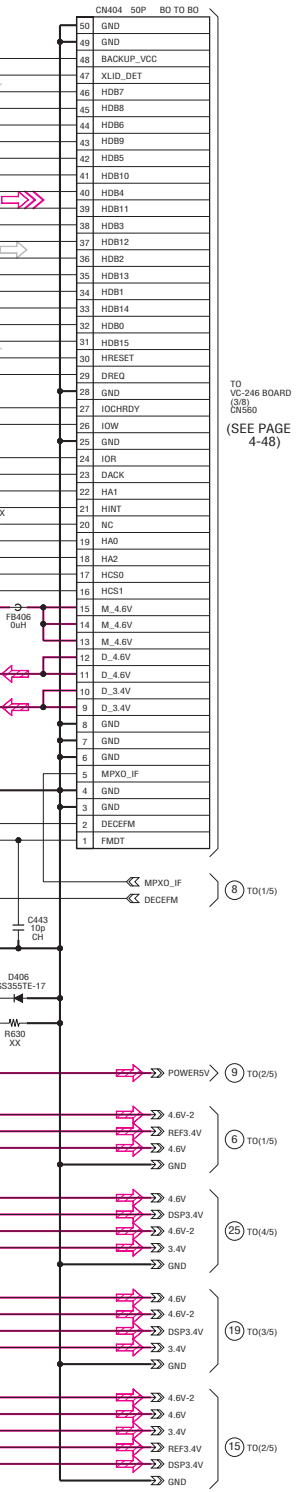
26 TO(4/5) < A7 >

27 TO(4/5) < E2D1 >

21 TO(3/5, 4/5) < D15 >

23 TO(3/5) < XE2CS >

27 TO(4/5) < P32 >

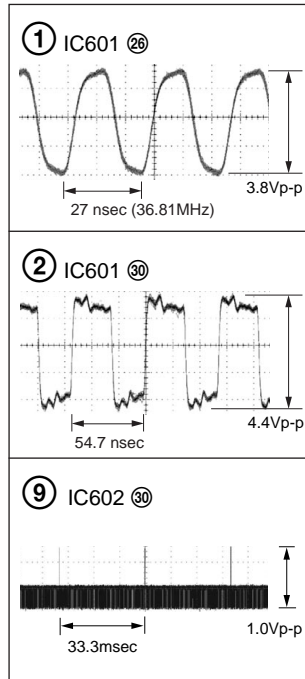


SIGNAL PATH

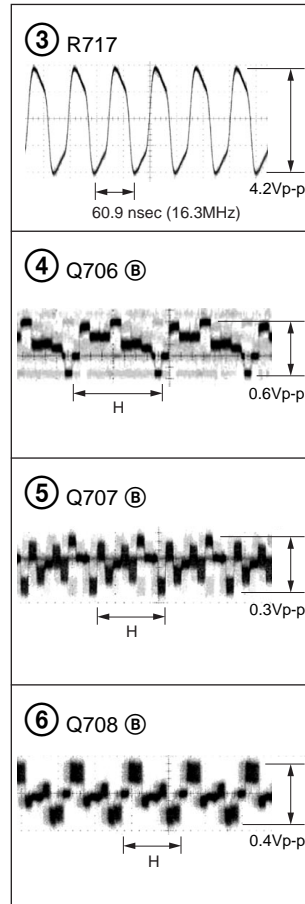
	VIDEO SIGNAL			AUDIO SIGNAL
	CHROMA	Y	Y/CHROMA	
REC		→	→	→
PB		→	→	→

4-3. WAVEFORMS

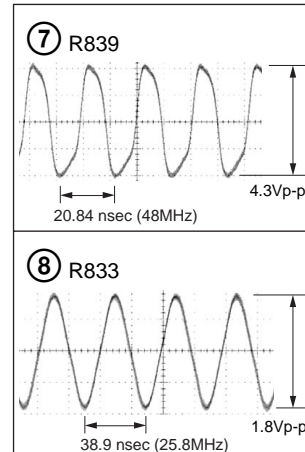
**SY-060 BOARD (1/4)**



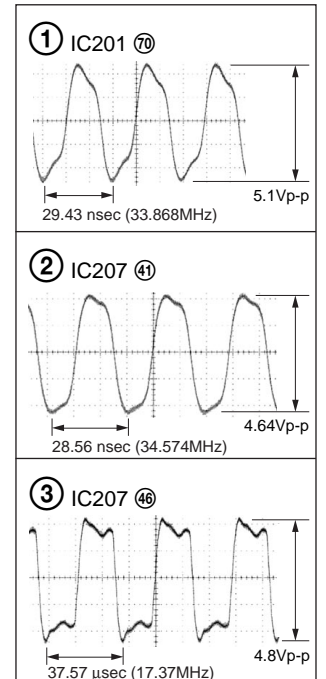
**SY-060 BOARD (2/4)**



**SY-060 BOARD (3/4)**



**MD-082 BOARD (3/5)**



4-4. MOUNTED PARTS LOCATION

SY-060 BOARD (SIDE A)

C618	E-2
C704	A-4
C708	B-1
C801	C-3
C802	B-3
C803	C-3
C804	C-3
C805	C-3
C806	C-4
C807	C-2
C809	C-4
C810	C-4
C811	C-4
C812	C-4
C813	C-2
C814	C-4
C815	C-2
C816	C-2
C817	C-4
C818	D-2
C819	D-4
C820	D-4
C821	D-3
C822	D-3
C823	D-3
C824	D-3
C825	D-3
C826	D-4
C829	D-3
C830	C-4
C831	C-4
C833	B-4
C834	D-3
C835	D-3
C836	B-4
C837	D-3
C838	A-2
C839	A-3
C840	A-3
C841	A-2
C842	B-1
C844	B-2
C845	B-1
C846	B-2
C901	E-1
CN601	D-1
CN903	E-3
CN904	E-1
D801	C-4
D802	C-4
FB604	E-2
FB608	E-2
FB803	A-2
FB804	B-1
IC801	C-3
IC803	D-4
IC804	D-3
IC805	C-1
IC806	B-2
L801	C-4
L802	B-4
L803	A-2
L804	B-1
Q601	E-2
Q701	B-1
Q801	B-3
R601	E-3
R606	E-2
R714	B-1
R716	B-1
R718	B-1
R801	B-4
R802	B-4
R803	B-3
R804	B-3
R805	B-3
R806	C-3
R807	B-3
R808	B-3

SY-060 BOARD (SIDE B)

C601	E-9
C602	D-8
C603	E-8
C605	D-8
C606	E-8
C609	E-8
C610	E-9
C611	E-9
C612	E-9
C613	E-8
C614	E-8
C615	E-8
C616	E-8
C617	D-8
C619	D-8
C620	E-8
C621	E-8
C622	E-8
C623	D-8
C624	D-7
C625	D-9
C626	D-9
C627	D-7
C628	D-9
C629	E-7
C630	E-7
C631	E-7
C632	E-7
C635	E-7
C701	C-8
C702	C-7
C705	C-8
C706	C-8
C707	C-8
C709	C-9
C710	C-7
C712	C-7
C713	C-9
C716	C-7
C717	B-8
C718	B-8
C719	B-7
C720	B-9
C721	B-7
C722	B-9
C723	B-9
C724	C-9
C725	B-9
C726	B-8
C727	B-8
C728	B-8
C729	B-7
C730	B-8
C731	B-9
C732	A-6
C733	B-6
C734	B-6
C735	B-6
C736	B-6
C737	B-9
C738	B-9
C739	A-7
C740	C-9
C741	B-7
C742	A-7
C743	C-9
C744	A-8
C745	B-6
C746	C-6
C747	C-6
C748	C-6
C749	C-7
C750	A-8
C751	B-9
C752	B-6
C753	C-7
C754	B-7
C755	C-9
C832	E-6
C843	D-6
CN901	E-9
CN902	E-6
CN905	A-7
CN906	C-6

MD-082 BOARD (SIDE A)

C027	C-5
C029	C-5
C035	C-5
C039	C-5
C048	F-4
C053	C-2
C054	C-2
C081	C-3
C082	B-3
C086	C-2
C100	C-3
C102	C-2
C121	A-5
C125	A-5
C130	F-5
C134	F-5
C147	F-5
C200	B-2
C201	B-2
C203	B-2
C204	B-3
C224	A-3
C242	B-5
C244	B-5
C245	B-5
C246	C-5
C247	B-4
C248	C-4
C252	C-3
C251	B-3
C253	C-3
C254	B-3
C255	C-3
C257	C-3
C259	A-3
C261	A-4
C262	B-2
C263	B-2
C264	C-5
C265	D-3
C266	B-5
C400	C-2
C402	D-1
C408	F-3
C410	D-5
C411	E-3
C413	E-3
C415	F-1
C416	E-1
C419	F-1
C421	F-3
C422	F-4
C423	D-1
C424	D-1
C426	D-1
C427	D-2
C428	D-2
C430	D-2
C433	F-2
C434	C-2
C438	D-3
C446	E-3
C448	B-2
C450	F-5
C451	F-5
C452	F-5
C453	C-1
C454	C-1
C457	F-2
C458	F-3
C459	F-2
C460	F-3
D204	B-3
D205	C-3
D405	C-1
D406	A-4
FB004	F-4
FB407	D-1
FB408	D-2
FB409	E-1
IC007	C-5
IC012	C-2
IC019	A-5
IC022	F-5
IC200	B-2
IC204	A-3
IC207	B-4
IC208	B-2
IC209	D-3
IC400	C-2
IC401	D-4
IC402	F-3
IC403	E-3
IC405	E-4
IC407	E-1
IC408	F-3
IC409	F-1
IC410	D-1
IC411	E-1
IC412	D-1
IC413	D-2
IC414	E-2
IC416	C-2
IC418	E-3
IC419	F-5
IC420	F-5
IC421	F-5
IC422	D-1
IC423	C-2
IC424	F-2
L404	F-4
Q001	D-5
Q008	C-2
Q009	B-2
Q010	B-2
Q203	A-3
Q204	D-4
Q402	C-1
Q406	C-2
R001	D-5
R002	D-5
R003	D-5
R005	D-5
R008	D-5
R011	E-5
R017	F-5
R021	D-5
R022	D-5
R023	D-5
R067	C-2
R068	C-2
R088	C-3
R089	B-3
R095	C-2
R109	C-2
R146	F-5
R148	F-5
R149	F-5
R153	F-5
R154	F-5
R162	C-2
R163	F-5
R166	F-4
R173	D-5
R174	D-5
R175	F-5
R200	B-3
R203	B-5
R204	B-2
R205	B-2
R249	B-3
R250	B-3
R251	B-3
R267	C-5
R268	C-5
R273	B-5
R274	B-5
R275	B-5
R282	A-5
R283	A-5
R284	A-5
R285	A-4
R286	A-5
R287	A-4
R288	A-4
R289	A-4
R290	A-4
R291	A-4
R292	B-4
R294	A-4
R295	A-4
R297	A-3
R299	A-3
R301	A-3
R304	C-5
R305	B-3
R305	C-5
R306	B-3
R309	C-3
R311	B-3
R312	C-3
R313	A-3
R314	C-3
R315	B-3
R316	B-3
R317	B-2
R318	B-2
R319	B-2
R320	B-2
R321	B-2
R322	B-2
R323	B-2
R324	B-3
R325	C-5
R326	D-3
R327	D-3
R328	B-5
R402	F-3
R404	D-1
R551	C-1
R563	D-1
R566	E-1
R567	E-1
R568	E-1
R569	E-1
R570	E-1
R571	E-1
R572	E-1
R573	E-1
R574	E-1
R575	E-1
R576	D-2
R580	D-2
R585	C-2
R586	C-2
R587	B-2
R593	E-3
R594	E-3
R595	E-3
R596	E-3
R597	E-3
R598	D-3
R599	D-3
R600	D-3
R601	D-3
R602	D-3
R605	E-3
R606	E-3
R607	D-3
R608	D-3
R626	E-5
R630	A-4
R634	F-2
R635	F-2
R637	D-1
R640	F-4
R647	E-3
R649	D-1
R650	F-3
R651	F-3
R652	F-2
R653	F-2
SE401	F-2
TH401	F-3
X202	B-5

## MD-082 BOARD (SIDE B)

C001	E-8	C101	C-9	FB003	D-7	R091	C-8	R464	F-10
C002	E-7	C103	C-9	FB405	D-10	R092	C-8	R466	F-10
C003	D-7	C104	B-8	FB406	D-11	R093	E-9	R467	E-10
C004	E-8	C105	B-8	IC003	F-8	R096	B-8	R470	E-10
C005	F-8	C106	B-8	IC004	F-7	R097	B-8	R473	F-10
C006	D-7	C107	A-8	IC005	F-8	R098	A-8	R474	F-10
C007	D-7	C108	C-9	IC006	F-7	R099	A-8	R475	E-10
C008	E-7	C109	A-8	IC009	F-8	R100	E-9	R476	F-10
C009	E-8	C110	E-9	IC010	C-7	R101	C-9	R478	F-10
C010	D-7	C111	C-9	IC011	A-7	R102	B-8	R479	E-10
C011	F-8	C112	D-10	IC013	D-9	R103	B-8	R482	E-10
C012	E-7	C113	D-8	IC014	B-7	R104	B-8	R485	E-10
C013	E-8	C114	D-10	IC015	C-8	R105	E-9	R488	E-10
C014	D-8	C115	D-10	IC016	D-9	R106	C-9	R493	E-10
C015	F-8	C116	D-9	IC017	E-8	R107	E-9	R497	E-10
C016	D-7	C117	C-9	IC025	F-7	R110	C-8	R545	E-10
C017	D-8	C118	D-10	IC201	B-9	R111	A-8	R546	E-10
C018	F-7	C119	E-8	IC404	F-10	R112	A-8	R547	E-10
C019	F-8	C140	F-8	IC406	E-9	R113	B-8	R548	E-10
C020	E-7	C141	C-8	IC417	E-11	R114	C-8	R549	E-10
C021	F-8	C142	C-8	L001	C-7	R116	B-8	R552	E-9
C022	F-7	C143	C-8	L201	A-9	R117	B-8	R588	C-11
C023	E-7	C144	C-7	L202	C-10	R118	B-8	R610	E-11
C024	F-8	C145	C-8	L402	E-11	R119	B-8	R611	D-11
C025	E-8	C146	A-7	L403	D-10	R120	B-8	R613	D-10
C026	F-8	C148	F-7	Q003	F-7	R125	A-9	R631	E-11
C028	E-8	C205	C-10	Q004	E-7	R126	A-8	R632	E-11
C030	F-7	C206	C-9	Q005	D-7	R127	B-8	R633	D-10
C031	F-7	C207	C-9	Q006	A-7	R129	D-9	R636	F-9
C032	F-8	C208	C-9	Q007	E-8	R130	D-9	R638	C-11
C033	F-7	C209	C-9	Q011	A-9	R131	D-9	R639	E-9
C034	F-8	C210	C-9	Q012	A-8	R132	A-9	R645	C-10
C036	F-7	C213	C-9	Q407	C-11	R133	A-8	R646	C-10
C037	F-7	C214	C-9	Q409	C-10	R134	D-9		
C038	D-7	C215	C-8	R004	E-7	R135	D-9	X200	B-10
C040	F-7	C216	C-8	R006	C-11	R136	D-9		
C041	F-8	C218	B-9	R007	E-8	R137	D-9		
C042	F-8	C219	B-8	R009	D-7	R138	E-8		
C043	C-7	C220	B-9	R010	D-8	R161	A-8		
C044	C-7	C222	B-8	R012	F-8	R164	A-9		
C045	B-7	C223	B-10	R013	F-8	R165	A-8		
C046	B-7	C225	B-9	R016	F-8	R167	F-10		
C047	D-8	C229	B-10	R018	E-7	R168	F-10		
C049	C-7	C234	A-10	R020	D-8	R169	C-8		
C050	A-7	C235	A-9	R024	D-8	R170	C-8		
C051	D-8	C236	A-9	R025	D-8	R177	D-8		
C052	C-8	C258	C-10	R026	D-8	R179	D-7		
C055	A-7	C260	C-10	R027	E-7	R201	A-9		
C056	D-8	C401	F-9	R028	D-7	R202	A-9		
C057	A-8	C403	F-9	R029	F-7	R206	C-10		
C058	C-7	C404	F-9	R030	F-7	R207	C-9		
C059	E-8	C405	F-9	R036	F-7	R210	C-9		
C061	A-7	C406	F-9	R042	F-8	R211	C-8		
C062	C-8	C407	F-9	R043	D-8	R218	C-10		
C063	A-8	C409	E-9	R044	C-7	R219	C-9		
C064	E-8	C412	F-10	R047	B-7	R225	C-10		
C065	C-8	C414	F-10	R048	B-7	R227	C-9		
C066	A-7	C417	E-8	R049	A-7	R229	C-10		
C067	A-8	C436	D-10	R050	C-7	R234	C-9		
C068	E-8	C437	D-11	R051	C-7	R235	C-8		
C069	C-8	C439	D-10	R052	A-7	R237	C-10		
C070	E-8	C440	D-10	R053	A-7	R238	B-9		
C071	C-8	C441	E-11	R054	C-7	R240	B-8		
C072	E-8	C442	E-11	R055	A-7	R241	B-9		
C073	E-9	C443	E-11	R058	D-8	R242	B-9		
C074	C-8	C444	D-11	R060	D-8	R243	B-8		
C075	A-8	C445	F-9	R061	D-8	R244	B-10		
C076	A-8	C449	C-11	R062	D-8	R245	B-9		
C077	E-9	C456	E-11	R064	D-8	R247	B-9		
C078	A-8			R066	D-8	R252	B-9		
C079	A-8	CN001	D-7	R073	C-8	R256	B-10		
C080	E-9	CN002	F-7	R074	C-8	R257	B-10		
C083	C-8	CN003	F-11	R075	A-8	R261	A-10		
C084	A-8	CN404	D-11	R076	C-8	R263	A-9		
C085	A-8			R077	C-8	R400	F-9		
C089	E-9	D002	E-8	R078	C-8	R401	F-9		
C090	C-9	D003	D-8	R079	E-8	R405	E-9		
C091	B-8	D004	C-8	R080	C-8	R406	F-9		
C092	B-8	D005	A-9	R081	C-8	R408	F-9		
C093	C-8	D006	A-9	R082	A-8	R410	E-8		
C094	E-9	D007	D-9	R083	A-8	R437	F-9		
C095	C-9	D008	C-10	R084	A-8	R441	F-9		
C096	B-8	D200	C-9	R085	A-8	R451	E-10		
C097	B-8			R086	C-8	R454	F-10		
C098	B-8	FB001	D-7	R087	A-8	R460	E-10		
C099	C-9	FB002	D-7	R090	B-8	R463	E-10		



## SECTION 6 REPAIR PARTS LIST

### 6-1. EXPLODED VIEWS

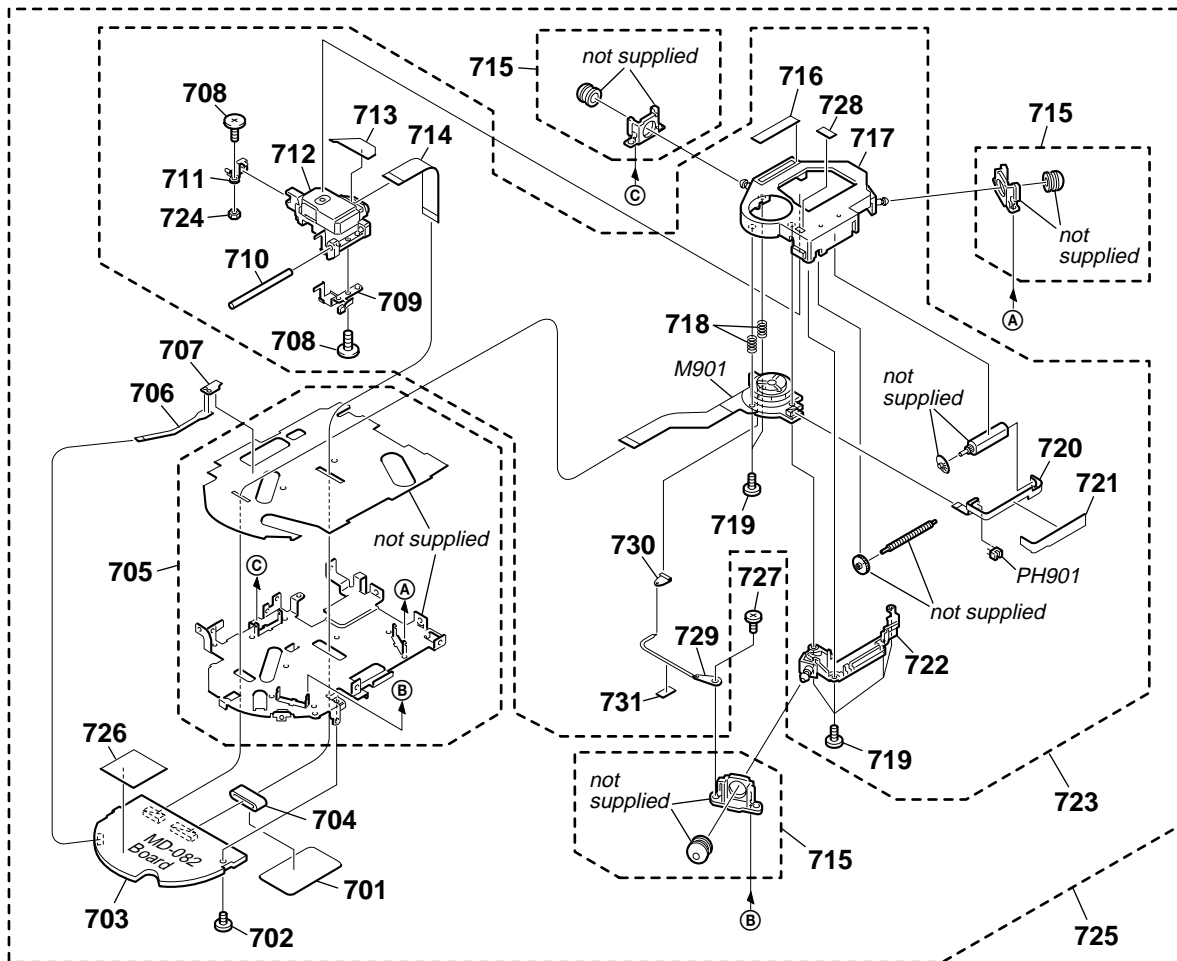
**NOTE:**

- -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.
- Abbreviation  
 CND : Canadian model.  
 AUS : Australian model.  
 J : Japanese model.

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

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

#### 6-1-8. DDX-G2000 COMPLETE ASSEMBLY



Ref. No.	Part No.	Description	Remarks	Ref. No.	Part No.	Description	Remarks
701	3-062-993-01	RETAINER, FERRITE CORE		717	3-063-051-01	CHASSIS, BU	
702	3-968-729-51	SCREW (M2), LOCK ACE, P2		718	3-063-061-01	SPRING, COMPRESSION	
703	A-7067-262-A	MD-082 BOARD, COMPLETE (FOR SERVICE)		719	3-384-797-01	SCREW	
704	1-500-294-11	CORE, FERRITE		720	1-679-156-11	FP-050 FLEXIBLE BOARD	
705	X-3950-786-1	FRAME ASSY, BU		721	3-063-062-01	RETAINER, SLED FLEXIBLE	
706	1-679-154-11	FP-051 FLEXIBLE BOARD		722	3-063-052-01	COVER, SLED	
707	1-657-785-11	FP-248 FLEXIBLE BOARD		723	A-7010-800-A	BU ASSY	
708	3-317-552-51	SCREW (M1.7X2.5)		724	3-063-847-01	NUT, M1.7	
709	3-063-056-01	STOPPER, OP LEAD		725	A-7010-804-A	DDX-G2000 COMPLETE ASSY (FOR SERVICE)	
710	3-063-059-01	SHAFT		* 726	3-064-526-01	COVER, IC	
711	3-063-057-01	STOPPER, OP SUB SHAFT		727	7-627-553-47	SCREW, PRECISION +P 2X4	
$\triangle$ 712	8-583-062-04	DEVICE, OPTICAL KRS-201A/J2RP (FOR SERVICE)		* 728	3-064-525-01	COVER, PD	
* 713	3-063-063-01	COVER, OP CONNECTOR		729	1-960-928-12	HARNES, SF-80	
714	1-679-155-11	FP-049 FLEXIBLE BOARD		* 730	3-064-527-01	CLIP, GROUND	
715	X-3950-860-1	RUBBER ASSY, VIBRATION PROOF		* 731	4-927-957-11	CUSHION, BATTERY CASE LID	
* 716	3-063-060-01	COVER, SUB SHAFT		M901	8-835-698-01	MOTOR, DC SSM13A/J-N (SPINDLE)	
				PH901	8-749-017-94	PHOTO INTERRUPTER GP1S34 (SLED FG)	



## 6-2. ELECTRICAL PARTS LIST

NOTE:

- 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.
- -XX, -X mean standardized parts, so they may have some difference 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.
- CAPACITORS:  
uF:  $\mu$ F
- RESISTORS  
All resistors are in ohms.  
METAL: metal-film resistor  
METAL OXIDE: Metal Oxide-film resistor  
F: nonflammable
- COILS  
uH:  $\mu$ H
- SEMICONDUCTORS  
In each case, u:  $\mu$ , for example:  
uA...:  $\mu$ A..., uPA...,  $\mu$ PA...,  
uPB...,  $\mu$ PB..., uPC...,  $\mu$ PC...,  
uPD...,  $\mu$ PD...

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

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

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

- Abbreviation  
CND : Canadian model.  
AUS : Australian model.  
J : Japanese model.

Ref. No.	Part No.	Description	Remarks	Ref. No.	Part No.	Description	Remarks
	A-7067-262-A	MD-082 BOARD, COMPLETE (FOR SERVICE)		C044	1-164-943-11	CERAMIC CHIP 0.01uF 10%	16V
		*****		C045	1-115-467-11	CERAMIC CHIP 0.22uF 10%	10V
			(Ref.No;2000Series)	C047	1-125-777-11	CERAMIC CHIP 0.1uF 10%	10V
		< CAPACITOR >		C048	1-125-777-11	CERAMIC CHIP 0.1uF 10%	10V
				C049	1-164-937-11	CERAMIC CHIP 0.001uF 10%	16V
C003	1-115-467-11	CERAMIC CHIP 0.22uF	10% 10V	C050	1-164-941-11	CERAMIC CHIP 0.0047uF	10% 16V
C004	1-164-882-11	CERAMIC CHIP 220PF	5% 16V	C051	1-164-940-11	CERAMIC CHIP 0.0033uF	10% 16V
C005	1-162-970-11	CERAMIC CHIP 0.01uF	10% 25V	C052	1-115-467-11	CERAMIC CHIP 0.22uF	10% 10V
C006	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V	C053	1-107-819-11	CERAMIC CHIP 0.022uF	10% 16V
C007	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V	C054	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V
C008	1-164-943-11	CERAMIC CHIP 0.01uF	10% 16V	C055	1-115-467-11	CERAMIC CHIP 0.22uF	10% 10V
C009	1-164-943-11	CERAMIC CHIP 0.01uF	10% 16V	C056	1-164-850-11	CERAMIC CHIP 10PF	0.50PF 16V
C010	1-164-940-11	CERAMIC CHIP 0.0033uF	10% 16V	C058	1-115-467-11	CERAMIC CHIP 0.22uF	10% 10V
C011	1-162-970-11	CERAMIC CHIP 0.01uF	10% 25V	C061	1-115-467-11	CERAMIC CHIP 0.22uF	10% 10V
C012	1-164-937-11	CERAMIC CHIP 0.001uF	10% 16V	C062	1-115-467-11	CERAMIC CHIP 0.22uF	10% 10V
C013	1-164-937-11	CERAMIC CHIP 0.001uF	10% 16V	C063	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V
C014	1-164-943-11	CERAMIC CHIP 0.01uF	10% 16V	C064	1-115-467-11	CERAMIC CHIP 0.22uF	10% 10V
C015	1-162-970-11	CERAMIC CHIP 0.01uF	10% 25V	C065	1-115-467-11	CERAMIC CHIP 0.22uF	10% 10V
C016	1-164-943-11	CERAMIC CHIP 0.01uF	10% 16V	C066	1-125-839-91	TANTAL. CHIP 47uF	20% 6.3V
C017	1-104-852-11	TANTAL. CHIP 22uF	20% 10V	C067	1-115-467-11	CERAMIC CHIP 0.22uF	10% 10V
C018	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V	C068	1-164-942-11	CERAMIC CHIP 0.0068uF	10% 16V
C019	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V	C069	1-104-851-11	TANTAL. CHIP 10uF	20% 10V
C020	1-113-682-11	TANTAL. CHIP 33uF	20% 10V	C070	1-164-941-11	CERAMIC CHIP 0.0047uF	10% 16V
C021	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V	C071	1-107-823-11	CERAMIC CHIP 0.47uF	10% 16V
C022	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V	C072	1-119-923-81	CERAMIC CHIP 0.047uF	10% 10V
C023	1-164-943-11	CERAMIC CHIP 0.01uF	10% 16V	C073	1-164-939-11	CERAMIC CHIP 0.0022uF	10% 16V
C024	1-115-467-11	CERAMIC CHIP 0.22uF	10% 10V	C075	1-119-923-81	CERAMIC CHIP 0.047uF	10% 10V
C025	1-113-682-11	TANTAL. CHIP 33uF	20% 10V	C076	1-119-923-81	CERAMIC CHIP 0.047uF	10% 10V
C026	1-164-943-11	CERAMIC CHIP 0.01uF	10% 16V	C077	1-115-467-11	CERAMIC CHIP 0.22uF	10% 10V
C027	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V	C078	1-164-939-11	CERAMIC CHIP 0.0022uF	10% 16V
C028	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V	C079	1-164-942-11	CERAMIC CHIP 0.0068uF	10% 16V
C029	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V	C080	1-115-467-11	CERAMIC CHIP 0.22uF	10% 10V
C030	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V	C081	1-164-941-11	CERAMIC CHIP 0.0047uF	10% 16V
C032	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V	C082	1-125-891-11	CERAMIC CHIP 0.47uF	10% 10V
C033	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V	C083	1-164-882-11	CERAMIC CHIP 220PF	5% 16V
C034	1-164-882-11	CERAMIC CHIP 220PF	5% 16V	C084	1-125-837-91	CERAMIC CHIP 1uF	10% 6.3V
C035	1-104-852-11	TANTAL. CHIP 22uF	20% 10V	C085	1-125-837-91	CERAMIC CHIP 1uF	10% 6.3V
C036	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V	C086	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V
C037	1-164-943-11	CERAMIC CHIP 0.01uF	10% 16V	C089	1-164-943-11	CERAMIC CHIP 0.01uF	10% 16V
C038	1-125-837-91	CERAMIC CHIP 1uF	10% 6.3V	C090	1-115-467-11	CERAMIC CHIP 0.22uF	10% 10V
C039	1-125-891-11	CERAMIC CHIP 0.47uF	10% 10V	C091	1-115-467-11	CERAMIC CHIP 0.22uF	10% 10V
C040	1-164-943-11	CERAMIC CHIP 0.01uF	10% 16V	C092	1-164-677-11	CERAMIC CHIP 0.033uF	10% 16V
C041	1-115-467-11	CERAMIC CHIP 0.22uF	10% 10V	C093	1-115-467-11	CERAMIC CHIP 0.22uF	10% 10V
C042	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V	C094	1-164-943-11	CERAMIC CHIP 0.01uF	10% 16V
C043	1-164-943-11	CERAMIC CHIP 0.01uF	10% 16V	C095	1-107-819-11	CERAMIC CHIP 0.022uF	10% 16V

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Ref. No.	Part No.	Description	Remarks	Ref. No.	Part No.	Description	Remarks
C096	1-164-874-11	CERAMIC CHIP 100PF 5%	16V	C248	1-125-777-11	CERAMIC CHIP 0.1uF 10%	10V
C097	1-164-874-11	CERAMIC CHIP 100PF 5%	16V	C251	1-125-777-11	CERAMIC CHIP 0.1uF 10%	10V
C098	1-125-777-11	CERAMIC CHIP 0.1uF 10%	10V	C252	1-125-777-11	CERAMIC CHIP 0.1uF 10%	10V
C099	1-164-940-11	CERAMIC CHIP 0.0033uF 10%	16V	C254	1-125-777-11	CERAMIC CHIP 0.1uF 10%	10V
C100	1-115-467-11	CERAMIC CHIP 0.22uF 10%	10V	C255	1-125-837-91	CERAMIC CHIP 1uF 10%	6.3V
C101	1-164-860-11	CERAMIC CHIP 27PF 5%	16V	C257	1-125-837-91	CERAMIC CHIP 1uF 10%	6.3V
C102	1-125-777-11	CERAMIC CHIP 0.1uF 10%	10V	C258	1-110-569-11	TANTAL. CHIP 47uF 20%	6.3V
C103	1-119-923-81	CERAMIC CHIP 0.047uF 10%	10V	C259	1-115-467-11	CERAMIC CHIP 0.22uF 10%	10V
C104	1-164-942-11	CERAMIC CHIP 0.0068uF 10%	16V	C260	1-119-750-11	TANTAL. CHIP 22uF 20%	6.3V
C105	1-164-173-11	CERAMIC CHIP 0.0039uF 10%	50V	C262	1-125-777-11	CERAMIC CHIP 0.1uF 10%	10V
C106	1-164-943-11	CERAMIC CHIP 0.01uF 10%	16V	C263	1-125-777-11	CERAMIC CHIP 0.1uF 10%	10V
C107	1-164-943-11	CERAMIC CHIP 0.01uF 10%	16V	C265	1-125-777-11	CERAMIC CHIP 0.1uF 10%	10V
C108	1-115-467-11	CERAMIC CHIP 0.22uF 10%	10V	C266	1-164-858-11	CERAMIC CHIP 22PF 5%	16V
C109	1-125-837-91	CERAMIC CHIP 1uF 10%	6.3V	C400	1-125-777-11	CERAMIC CHIP 0.1uF 10%	10V
C110	1-115-467-11	CERAMIC CHIP 0.22uF 10%	10V	C401	1-164-943-11	CERAMIC CHIP 0.01uF 10%	16V
C111	1-119-923-81	CERAMIC CHIP 0.047uF 10%	10V	C402	1-125-777-11	CERAMIC CHIP 0.1uF 10%	10V
C112	1-125-777-11	CERAMIC CHIP 0.1uF 10%	10V	C403	1-117-920-11	TANTAL. CHIP 10uF 20%	6.3V
C113	1-164-943-11	CERAMIC CHIP 0.01uF 10%	16V	C404	1-164-943-11	CERAMIC CHIP 0.01uF 10%	16V
C114	1-164-227-11	CERAMIC CHIP 0.022uF 10%	25V	C405	1-164-937-11	CERAMIC CHIP 0.001uF 10%	16V
C115	1-125-837-91	CERAMIC CHIP 1uF 10%	6.3V	C406	1-164-937-11	CERAMIC CHIP 0.001uF 10%	16V
C116	1-107-823-11	CERAMIC CHIP 0.47uF 10%	16V	C407	1-125-777-11	CERAMIC CHIP 0.1uF 10%	10V
C117	1-115-467-11	CERAMIC CHIP 0.22uF 10%	10V	C408	1-125-777-11	CERAMIC CHIP 0.1uF 10%	10V
C118	1-115-467-11	CERAMIC CHIP 0.22uF 10%	10V	C409	1-115-467-11	CERAMIC CHIP 0.22uF 10%	10V
C121	1-125-777-11	CERAMIC CHIP 0.1uF 10%	10V	C410	1-125-777-11	CERAMIC CHIP 0.1uF 10%	10V
C125	1-125-777-11	CERAMIC CHIP 0.1uF 10%	10V	C411	1-125-777-11	CERAMIC CHIP 0.1uF 10%	10V
C130	1-164-941-11	CERAMIC CHIP 0.0047uF 10%	16V	C412	1-125-777-11	CERAMIC CHIP 0.1uF 10%	10V
C134	1-125-777-11	CERAMIC CHIP 0.1uF 10%	10V	C413	1-125-777-11	CERAMIC CHIP 0.1uF 10%	10V
C140	1-104-852-11	TANTAL. CHIP 22uF 20%	10V	C414	1-125-777-11	CERAMIC CHIP 0.1uF 10%	10V
C141	1-104-852-11	TANTAL. CHIP 22uF 20%	10V	C415	1-125-777-11	CERAMIC CHIP 0.1uF 10%	10V
C142	1-135-208-11	TANTAL. CHIP 1uF 20%	10V	C416	1-125-777-11	CERAMIC CHIP 0.1uF 10%	10V
C143	1-125-777-11	CERAMIC CHIP 0.1uF 10%	10V	C417	1-125-777-11	CERAMIC CHIP 0.1uF 10%	10V
C144	1-164-943-11	CERAMIC CHIP 0.01uF 10%	16V	C419	1-125-777-11	CERAMIC CHIP 0.1uF 10%	10V
C145	1-164-846-11	CERAMIC CHIP 6PF 0.50PF	16V	C421	1-115-467-11	CERAMIC CHIP 0.22uF 10%	10V
C146	1-104-852-11	TANTAL. CHIP 22uF 20%	10V	C422	1-115-467-11	CERAMIC CHIP 0.22uF 10%	10V
C147	1-125-777-11	CERAMIC CHIP 0.1uF 10%	10V	C423	1-164-850-11	CERAMIC CHIP 10PF 0.50PF	16V
C201	1-164-941-11	CERAMIC CHIP 0.0047uF 10%	16V	C424	1-125-777-11	CERAMIC CHIP 0.1uF 10%	10V
C203	1-164-245-11	CERAMIC CHIP 0.015uF 10%	25V	C426	1-115-467-11	CERAMIC CHIP 0.22uF 10%	10V
C204	1-125-777-11	CERAMIC CHIP 0.1uF 10%	10V	C427	1-164-937-11	CERAMIC CHIP 0.001uF 10%	16V
C205	1-125-837-91	CERAMIC CHIP 1uF 10%	6.3V	C428	1-125-777-11	CERAMIC CHIP 0.1uF 10%	10V
C206	1-125-837-91	CERAMIC CHIP 1uF 10%	6.3V	C430	1-115-467-11	CERAMIC CHIP 0.22uF 10%	10V
C207	1-125-837-91	CERAMIC CHIP 1uF 10%	6.3V	C433	1-115-467-11	CERAMIC CHIP 0.22uF 10%	10V
C208	1-164-943-11	CERAMIC CHIP 0.01uF 10%	16V	C434	1-115-467-11	CERAMIC CHIP 0.22uF 10%	10V
C209	1-164-943-11	CERAMIC CHIP 0.01uF 10%	16V	C436	1-110-569-11	TANTAL. CHIP 47uF 20%	6.3V
C210	1-164-882-11	CERAMIC CHIP 220PF 5%	16V	C437	1-104-851-11	TANTAL. CHIP 10uF 20%	10V
C213	1-164-882-11	CERAMIC CHIP 220PF 5%	16V	C438	1-115-467-11	CERAMIC CHIP 0.22uF 10%	10V
C214	1-125-837-91	CERAMIC CHIP 1uF 10%	6.3V	C439	1-104-851-11	TANTAL. CHIP 10uF 20%	10V
C215	1-125-777-11	CERAMIC CHIP 0.1uF 10%	10V	C440	1-104-852-11	TANTAL. CHIP 22uF 20%	10V
C216	1-164-677-11	CERAMIC CHIP 0.033uF 10%	16V	C441	1-125-777-11	CERAMIC CHIP 0.1uF 10%	10V
C218	1-164-874-11	CERAMIC CHIP 100PF 5%	16V	C442	1-164-850-11	CERAMIC CHIP 10PF 0.50PF	16V
C220	1-164-315-11	CERAMIC CHIP 470PF 5%	50V	C443	1-164-850-11	CERAMIC CHIP 10PF 0.50PF	16V
C222	1-115-467-11	CERAMIC CHIP 0.22uF 10%	10V	C444	1-104-852-11	TANTAL. CHIP 22uF 20%	6.3V
C223	1-125-837-91	CERAMIC CHIP 1uF 10%	6.3V	C445	1-117-920-11	TANTAL. CHIP 10uF 20%	6.3V
C224	1-164-943-11	CERAMIC CHIP 0.01uF 10%	16V	C446	1-125-777-11	CERAMIC CHIP 0.1uF 10%	10V
C225	1-125-837-91	CERAMIC CHIP 1uF 10%	6.3V	C448	1-125-777-11	CERAMIC CHIP 0.1uF 10%	10V
C229	1-125-837-91	CERAMIC CHIP 1uF 10%	6.3V	C449	1-125-777-11	CERAMIC CHIP 0.1uF 10%	10V
C234	1-125-837-91	CERAMIC CHIP 1uF 10%	6.3V	C450	1-125-777-11	CERAMIC CHIP 0.1uF 10%	10V
C236	1-125-837-91	CERAMIC CHIP 1uF 10%	6.3V	C451	1-125-777-11	CERAMIC CHIP 0.1uF 10%	10V
C245	1-125-777-11	CERAMIC CHIP 0.1uF 10%	10V	C452	1-125-777-11	CERAMIC CHIP 0.1uF 10%	10V
C246	1-125-777-11	CERAMIC CHIP 0.1uF 10%	10V	C453	1-125-777-11	CERAMIC CHIP 0.1uF 10%	10V
C247	1-125-777-11	CERAMIC CHIP 0.1uF 10%	10V	C454	1-125-777-11	CERAMIC CHIP 0.1uF 10%	10V

Ref. No.	Part No.	Description	Remarks	Ref. No.	Part No.	Description	Remarks
C455	1-125-777-11	CERAMIC CHIP	0.1uF 10% 10V	IC204	8-759-234-77	IC BU4S66-TR	
C457	1-164-315-11	CERAMIC CHIP	470PF 5% 50V	IC207	8-752-403-97	IC CXD1457R	
C458	1-125-891-11	CERAMIC CHIP	0.47uF 10% 10V	IC208	8-759-066-55	IC TA75W393FU-TE12R	
C459	1-125-837-91	CERAMIC CHIP	1uF 10% 6.3V	IC209	8-759-570-08	IC TC7SET32FU(TE85R)	
C460	1-115-467-11	CERAMIC CHIP	0.22uF 10% 10V	IC400	8-759-083-94	IC TC7W74FU(TE12R)	
< CONNECTOR >				IC401	8-759-561-40	IC TC55V1001AFTI-10L(YEL)	
CN001	1-770-742-21	CONNECTOR, FFC/FPC 32P		IC402	8-759-594-71	IC TC7SH14FU-TE85R	
CN002	1-691-358-21	CONNECTOR, FFC/FPC (ZIF) 20P		IC403	8-759-196-97	IC TC7SH32FU-TE85R	
CN003	1-766-335-21	CONNECTOR, FFC/FPC 5P		IC404	8-759-688-20	IC HD6432241RK10TE	
* CN404	1-766-883-31	CONNECTOR, BOARD TO BOARD 50P		IC406	8-759-566-20	IC AK6440BH-E2	
< DIODE >				IC407	8-759-392-77	IC TC74LCX245FT(EL)	
D002	8-719-988-61	DIODE 1SS355TE-17		IC408	8-759-579-83	IC KM48C2100CK-5T	
D003	8-719-988-61	DIODE 1SS355TE-17		IC409	8-759-196-97	IC TC7SH32FU-TE85R	
D004	8-719-070-20	DIODE RB706F-40		IC410	8-759-058-60	IC TC7SU04FU(TE85R)	
D007	8-719-800-76	DIODE 1SS123-T1		IC411	8-759-196-97	IC TC7SH32FU-TE85R	
D008	8-719-801-78	DIODE 1S2837-T1		IC412	8-759-083-94	IC TC7W74FU(TE12R)	
D200	8-719-988-82	DIODE RB715F-T106		IC413	8-759-058-60	IC TC7SU04FU(TE85R)	
D204	8-719-988-61	DIODE 1SS355TE-17		IC414	8-759-570-49	IC CL-CR3465-48SC-C	
D205	8-719-988-82	DIODE RB715F-T106		IC416	8-759-083-94	IC TC7W74FU(TE12R)	
D405	8-719-988-61	DIODE 1SS355TE-17		IC417	8-759-575-37	IC TC7WH126FU(TE12R)	
D406	8-719-988-61	DIODE 1SS355TE-17		IC418	8-759-196-97	IC TC7SH32FU-TE85R	
< FERRITE BEAD >				IC419	8-759-196-97	IC TC7SH32FU-TE85R	
FB001	1-414-921-11	INDUCTOR CHIP OUH		IC420	8-759-196-97	IC TC7SH32FU-TE85R	
FB002	1-414-921-11	INDUCTOR CHIP OUH		IC421	8-759-083-94	IC TC7W74FU(TE12R)	
FB003	1-414-921-11	INDUCTOR CHIP OUH		IC422	8-759-196-97	IC TC7SH32FU-TE85R	
FB004	1-414-921-11	INDUCTOR CHIP OUH		IC423	8-759-392-01	IC TC7SH86FU-TE85R	
* FB405	1-500-449-21	FERRITE OUH		IC424	8-759-466-32	IC TA8563FN(EL)	
< IC >				< COIL >			
IC001	8-759-571-65	IC BH6520AFV-E2		L001	1-469-522-91	INDUCTOR 1uH	
IC002	8-759-485-79	IC TC7SET08FU(TE85R)		L202	1-414-754-11	INDUCTOR 10uH	
IC003	8-759-571-69	IC LB11998V-TLM		L402	1-414-398-11	INDUCTOR 10uH	
IC004	8-759-481-08	IC TC7SET02FU(TE85R)		L403	1-414-410-21	INDUCTOR 10uH	
IC005	8-759-571-64	IC BH6521FV-E2		L404	1-414-756-11	INDUCTOR 47uH	
IC006	8-759-485-79	IC TC7SET08FU(TE85R)		< TRANSISTOR >			
IC007	8-759-075-66	IC TA75S01F(TE85R)		Q001	8-729-037-74	TRANSISTOR UN9213J-(K8).SO	
IC009	8-759-234-77	IC BU4S66-TR		Q003	8-729-042-60	TRANSISTOR UN9114J-(K8).SO	
IC010	8-759-075-66	IC TA75S01F(TE85R)		Q004	8-729-042-72	TRANSISTOR UN9214J-(K8).SO	
IC011	8-759-234-77	IC BU4S66-TR		Q005	8-729-037-74	TRANSISTOR UN9213J-(K8).SO	
IC012	8-759-448-71	IC BU4053BCFV-E2		Q006	8-729-037-74	TRANSISTOR UN9213J-(K8).SO	
IC013	8-759-677-23	IC AK8564A		Q007	8-729-037-74	TRANSISTOR UN9213J-(K8).SO	
IC014	8-759-599-20	IC CXA8094R		Q008	8-729-037-74	TRANSISTOR UN9213J-(K8).SO	
IC015	8-759-234-77	IC BU4S66-TR		Q009	8-729-037-74	TRANSISTOR UN9213J-(K8).SO	
IC016	8-759-570-08	IC TC7SET32FU(TE85R)		Q010	8-729-037-74	TRANSISTOR UN9213J-(K8).SO	
IC019	8-759-064-36	IC MB88346BPFV-EF		Q203	8-729-037-61	TRANSISTOR UN9113J-(K8).SO	
IC022	8-759-075-70	IC TA75S393F-TE85R		Q204	8-729-037-74	TRANSISTOR UN9213J-(K8).SO	
IC025	8-759-570-08	IC TC7SET32FU(TE85R)		Q402	8-729-044-84	TRANSISTOR GPH3403-TL	
IC200	8-759-058-43	IC NJM3404AV(TE2)		Q406	8-729-037-61	TRANSISTOR UN9113J-(K8).SO	
IC201	8-752-392-44	IC CXD3021R		Q407	8-729-037-74	TRANSISTOR UN9213J-(K8).SO	
				Q409	8-729-047-90	TRANSISTOR XP162A11C0PR	
< RESISTOR >				R004	1-218-990-11	SHORT 0	
				R005	1-218-965-11	RES-CHIP 10K 5% 1/16W	
				R007	1-218-990-11	SHORT 0	
				R008	1-218-969-11	RES-CHIP 22K 5% 1/16W	
				R009	1-216-864-11	METAL CHIP 0 5% 1/16W	

**MD-082**

Ref. No.	Part No.	Description			Remarks	Ref. No.	Part No.	Description			Remarks
R010	1-216-864-11	METAL CHIP	0	5%	1/16W	R101	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R011	1-218-990-11	SHORT	0			R102	1-218-969-11	RES-CHIP	22K	5%	1/16W
R012	1-217-907-11	RES-CHIP	1.8	5%	1/10W	R103	1-218-977-11	RES-CHIP	100K	5%	1/16W
R013	1-217-907-11	RES-CHIP	1.8	5%	1/10W	R104	1-218-973-11	RES-CHIP	47K	5%	1/16W
R016	1-217-907-11	RES-CHIP	1.8	5%	1/10W	R105	1-218-965-11	RES-CHIP	10K	5%	1/16W
R017	1-218-973-11	RES-CHIP	47K	5%	1/16W	R106	1-218-965-11	RES-CHIP	10K	5%	1/16W
R018	1-218-945-11	RES-CHIP	220	5%	1/16W	R107	1-218-965-11	RES-CHIP	10K	5%	1/16W
R020	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	R109	1-218-977-11	RES-CHIP	100K	5%	1/16W
R021	1-218-990-11	SHORT	0			R110	1-218-953-11	RES-CHIP	1K	5%	1/16W
R022	1-218-990-11	SHORT	0			R112	1-218-969-11	RES-CHIP	22K	5%	1/16W
R024	1-218-965-11	RES-CHIP	10K	5%	1/16W	R113	1-218-969-11	RES-CHIP	22K	5%	1/16W
R025	1-218-965-11	RES-CHIP	10K	5%	1/16W	R116	1-218-972-11	RES-CHIP	39K	5%	1/16W
R026	1-218-957-11	RES-CHIP	2.2K	5%	1/16W	R117	1-218-965-11	RES-CHIP	10K	5%	1/16W
R027	1-218-959-11	RES-CHIP	3.3K	5%	1/16W	R118	1-218-963-11	RES-CHIP	6.8K	5%	1/16W
R028	1-216-864-11	METAL CHIP	0	5%	1/16W	R119	1-218-969-11	RES-CHIP	22K	5%	1/16W
R029	1-218-965-11	RES-CHIP	10K	5%	1/16W	R120	1-218-962-11	RES-CHIP	5.6K	5%	1/16W
R030	1-218-973-11	RES-CHIP	47K	5%	1/16W	R125	1-218-971-11	RES-CHIP	33K	5%	1/16W
R034	1-218-959-11	RES-CHIP	3.3K	5%	1/16W	R126	1-218-965-11	RES-CHIP	10K	5%	1/16W
R035	1-218-949-11	RES-CHIP	470	5%	1/16W	R129	1-218-969-11	RES-CHIP	22K	5%	1/16W
R036	1-218-965-11	RES-CHIP	10K	5%	1/16W	R130	1-218-969-11	RES-CHIP	22K	5%	1/16W
R042	1-218-973-11	RES-CHIP	47K	5%	1/16W	R131	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R043	1-218-965-11	RES-CHIP	10K	5%	1/16W	R132	1-218-949-11	RES-CHIP	470	5%	1/16W
R044	1-218-973-11	RES-CHIP	47K	5%	1/16W	R133	1-218-949-11	RES-CHIP	470	5%	1/16W
R047	1-218-976-11	RES-CHIP	82K	5%	1/16W	R135	1-218-941-11	RES-CHIP	100	5%	1/16W
R049	1-218-979-11	RES-CHIP	150K	5%	1/16W	R136	1-218-941-11	RES-CHIP	100	5%	1/16W
R050	1-218-973-11	RES-CHIP	47K	5%	1/16W	R137	1-218-941-11	RES-CHIP	100	5%	1/16W
R051	1-218-953-11	RES-CHIP	1K	5%	1/16W	R146	1-218-965-11	RES-CHIP	10K	5%	1/16W
R052	1-218-973-11	RES-CHIP	47K	5%	1/16W	R148	1-218-977-11	RES-CHIP	100K	5%	1/16W
R054	1-218-981-11	RES-CHIP	220K	5%	1/16W	R149	1-218-971-11	RES-CHIP	33K	5%	1/16W
R055	1-218-977-11	RES-CHIP	100K	5%	1/16W	R153	1-218-977-11	RES-CHIP	100K	5%	1/16W
R058	1-218-969-11	RES-CHIP	22K	5%	1/16W	R154	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R060	1-218-969-11	RES-CHIP	22K	5%	1/16W	R162	1-218-977-11	RES-CHIP	100K	5%	1/16W
R061	1-218-990-11	SHORT	0			R163	1-218-990-11	SHORT	0		
R062	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	R167	1-218-983-11	RES-CHIP	330K	5%	1/16W
R066	1-218-957-11	RES-CHIP	2.2K	5%	1/16W	R168	1-218-975-11	RES-CHIP	68K	5%	1/16W
R067	1-218-989-11	RES-CHIP	1M	5%	1/16W	R169	1-218-990-11	SHORT	0		
R073	1-218-965-11	RES-CHIP	10K	5%	1/16W	R170	1-218-869-11	METAL CHIP	8.2K	0.5%	1/16W
R074	1-218-977-11	RES-CHIP	100K	5%	1/16W	R173	1-216-864-11	METAL CHIP	0	5%	1/16W
R075	1-218-990-11	SHORT	0			R175	1-216-864-11	METAL CHIP	0	5%	1/16W
R076	1-218-977-11	RES-CHIP	100K	5%	1/16W	R200	1-218-973-11	RES-CHIP	47K	5%	1/16W
R077	1-218-971-11	RES-CHIP	33K	5%	1/16W	R201	1-216-864-11	METAL CHIP	0	5%	1/16W
R078	1-218-971-11	RES-CHIP	33K	5%	1/16W	R202	1-216-864-11	METAL CHIP	0	5%	1/16W
R079	1-218-941-11	RES-CHIP	100	5%	1/16W	R203	1-216-864-11	METAL CHIP	0	5%	1/16W
R080	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	R204	1-218-963-11	RES-CHIP	6.8K	5%	1/16W
R081	1-218-960-11	RES-CHIP	3.9K	5%	1/16W	R205	1-218-963-11	RES-CHIP	6.8K	5%	1/16W
R082	1-218-981-11	RES-CHIP	220K	5%	1/16W	R206	1-218-981-11	RES-CHIP	220K	5%	1/16W
R083	1-218-973-11	RES-CHIP	47K	5%	1/16W	R207	1-218-953-11	RES-CHIP	1K	5%	1/16W
R084	1-218-975-11	RES-CHIP	68K	5%	1/16W	R210	1-218-871-11	METAL CHIP	10K	0.5%	1/16W
R085	1-218-971-11	RES-CHIP	33K	5%	1/16W	R211	1-218-871-11	METAL CHIP	10K	0.5%	1/16W
R086	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	R218	1-218-971-11	RES-CHIP	33K	5%	1/16W
R087	1-218-977-11	RES-CHIP	100K	5%	1/16W	R219	1-218-971-11	RES-CHIP	33K	5%	1/16W
R088	1-218-989-11	RES-CHIP	1M	5%	1/16W	R225	1-218-965-11	RES-CHIP	10K	5%	1/16W
R092	1-218-965-11	RES-CHIP	10K	5%	1/16W	R227	1-218-871-11	METAL CHIP	10K	0.5%	1/16W
R093	1-218-977-11	RES-CHIP	100K	5%	1/16W	R229	1-218-973-11	RES-CHIP	47K	5%	1/16W
R095	1-218-977-11	RES-CHIP	100K	5%	1/16W	R234	1-218-984-11	RES-CHIP	390K	5%	1/16W
R096	1-218-965-11	RES-CHIP	10K	5%	1/16W	R235	1-218-989-11	RES-CHIP	1M	5%	1/16W
R097	1-218-965-11	RES-CHIP	10K	5%	1/16W	R237	1-218-969-11	RES-CHIP	22K	5%	1/16W
R098	1-218-977-11	RES-CHIP	100K	5%	1/16W	R240	1-218-953-11	RES-CHIP	1K	5%	1/16W
R099	1-218-975-11	RES-CHIP	68K	5%	1/16W	R241	1-218-985-11	RES-CHIP	470K	5%	1/16W
R100	1-218-977-11	RES-CHIP	100K	5%	1/16W	R242	1-218-953-11	RES-CHIP	1K	5%	1/16W



Ref. No.	Part No.	Description	Quantity	Unit	Percentage	Remarks	Ref. No.	Part No.	Description	Quantity	Unit	Percentage	Remarks
R243	1-218-965-11	RES-CHIP	10K		5%	1/16W	R546	1-218-977-11	RES-CHIP	100K		5%	1/16W
R244	1-218-965-11	RES-CHIP	10K		5%	1/16W	R547	1-218-977-11	RES-CHIP	100K		5%	1/16W
R245	1-218-941-11	RES-CHIP	100		5%	1/16W	R548	1-218-977-11	RES-CHIP	100K		5%	1/16W
R247	1-218-977-11	RES-CHIP	100K		5%	1/16W	R549	1-218-977-11	RES-CHIP	100K		5%	1/16W
R249	1-218-977-11	RES-CHIP	100K		5%	1/16W	R551	1-218-953-11	RES-CHIP	1K		5%	1/16W
R250	1-218-965-11	RES-CHIP	10K		5%	1/16W	R552	1-218-977-11	RES-CHIP	100K		5%	1/16W
R252	1-218-969-11	RES-CHIP	22K		5%	1/16W	R563	1-218-989-11	RES-CHIP	1M		5%	1/16W
R256	1-218-989-11	RES-CHIP	1M		5%	1/16W	R566	1-218-977-11	RES-CHIP	100K		5%	1/16W
R257	1-218-990-11	SHORT	0				R567	1-218-977-11	RES-CHIP	100K		5%	1/16W
R261	1-218-973-11	RES-CHIP	47K		5%	1/16W	R568	1-218-977-11	RES-CHIP	100K		5%	1/16W
R267	1-218-965-11	RES-CHIP	10K		5%	1/16W	R569	1-218-977-11	RES-CHIP	100K		5%	1/16W
R273	1-218-949-11	RES-CHIP	470		5%	1/16W	R570	1-218-977-11	RES-CHIP	100K		5%	1/16W
R274	1-218-989-11	RES-CHIP	1M		5%	1/16W	R571	1-218-977-11	RES-CHIP	100K		5%	1/16W
R275	1-218-965-11	RES-CHIP	10K		5%	1/16W	R572	1-218-977-11	RES-CHIP	100K		5%	1/16W
R290	1-218-977-11	RES-CHIP	100K		5%	1/16W	R573	1-218-977-11	RES-CHIP	100K		5%	1/16W
R292	1-218-965-11	RES-CHIP	10K		5%	1/16W	R574	1-218-939-11	RES-CHIP	68		5%	1/16W
R305	1-218-957-11	RES-CHIP	2.2K		5%	1/16W	R575	1-218-939-11	RES-CHIP	68		5%	1/16W
R309	1-218-953-11	RES-CHIP	1K		5%	1/16W	R576	1-218-989-11	RES-CHIP	1M		5%	1/16W
R311	1-218-965-11	RES-CHIP	10K		5%	1/16W	R580	1-218-973-11	RES-CHIP	47K		5%	1/16W
R312	1-218-990-11	SHORT	0				R585	1-218-965-11	RES-CHIP	10K		5%	1/16W
R313	1-218-969-11	RES-CHIP	22K		5%	1/16W	R586	1-218-967-11	RES-CHIP	15K		5%	1/16W
R314	1-218-965-11	RES-CHIP	10K		5%	1/16W	R587	1-218-973-11	RES-CHIP	47K		5%	1/16W
R315	1-218-965-11	RES-CHIP	10K		5%	1/16W	R588	1-218-961-11	RES-CHIP	4.7K		5%	1/16W
R316	1-218-977-11	RES-CHIP	100K		5%	1/16W	R593	1-218-941-11	RES-CHIP	100		5%	1/16W
R317	1-218-973-11	RES-CHIP	47K		5%	1/16W	R594	1-218-949-11	RES-CHIP	470		5%	1/16W
R318	1-218-973-11	RES-CHIP	47K		5%	1/16W	R595	1-218-949-11	RES-CHIP	470		5%	1/16W
R319	1-218-965-11	RES-CHIP	10K		5%	1/16W	R596	1-218-949-11	RES-CHIP	470		5%	1/16W
R322	1-218-977-11	RES-CHIP	100K		5%	1/16W	R597	1-218-941-11	RES-CHIP	100		5%	1/16W
R323	1-218-977-11	RES-CHIP	100K		5%	1/16W	R598	1-218-949-11	RES-CHIP	470		5%	1/16W
R324	1-218-977-11	RES-CHIP	100K		5%	1/16W	R599	1-218-949-11	RES-CHIP	470		5%	1/16W
R326	1-218-969-11	RES-CHIP	22K		5%	1/16W	R600	1-218-949-11	RES-CHIP	470		5%	1/16W
R328	1-218-990-11	SHORT	0				R601	1-218-949-11	RES-CHIP	470		5%	1/16W
R400	1-218-965-11	RES-CHIP	10K		5%	1/16W	R602	1-218-949-11	RES-CHIP	470		5%	1/16W
R401	1-218-965-11	RES-CHIP	10K		5%	1/16W	R605	1-218-965-11	RES-CHIP	10K		5%	1/16W
R402	1-218-973-11	RES-CHIP	47K		5%	1/16W	R606	1-218-965-11	RES-CHIP	10K		5%	1/16W
R404	1-216-864-11	METAL CHIP	0		5%	1/16W	R607	1-218-965-11	RES-CHIP	10K		5%	1/16W
R405	1-218-973-11	RES-CHIP	47K		5%	1/16W	R608	1-218-965-11	RES-CHIP	10K		5%	1/16W
R406	1-218-973-11	RES-CHIP	47K		5%	1/16W	R610	1-218-973-11	RES-CHIP	47K		5%	1/16W
R408	1-218-977-11	RES-CHIP	100K		5%	1/16W	R611	1-216-295-11	SHORT	0			
R409	1-218-973-11	RES-CHIP	47K		5%	1/16W	R626	1-218-977-11	RES-CHIP	100K		5%	1/16W
R410	1-218-973-11	RES-CHIP	47K		5%	1/16W	R631	1-218-945-11	RES-CHIP	220		5%	1/16W
R437	1-218-939-11	RES-CHIP	68		5%	1/16W	R632	1-218-945-11	RES-CHIP	220		5%	1/16W
R441	1-218-939-11	RES-CHIP	68		5%	1/16W	R634	1-218-939-11	RES-CHIP	68		5%	1/16W
R451	1-218-973-11	RES-CHIP	47K		5%	1/16W	R635	1-218-939-11	RES-CHIP	68		5%	1/16W
R454	1-218-977-11	RES-CHIP	100K		5%	1/16W	R636	1-218-990-11	SHORT	0			
R460	1-218-977-11	RES-CHIP	100K		5%	1/16W	R637	1-218-939-11	RES-CHIP	68		5%	1/16W
R463	1-218-977-11	RES-CHIP	100K		5%	1/16W	R638	1-218-977-11	RES-CHIP	100K		5%	1/16W
R464	1-218-990-11	SHORT	0				R640	1-218-977-11	RES-CHIP	100K		5%	1/16W
R467	1-218-977-11	RES-CHIP	100K		5%	1/16W	R645	1-216-864-11	METAL CHIP	0		5%	1/16W
R470	1-218-977-11	RES-CHIP	100K		5%	1/16W	R647	1-216-864-11	METAL CHIP	0		5%	1/16W
R473	1-218-990-11	SHORT	0				R649	1-218-990-11	SHORT	0			
R475	1-218-977-11	RES-CHIP	100K		5%	1/16W	R650	1-218-965-11	RES-CHIP	10K		5%	1/16W
R478	1-218-990-11	SHORT	0				R651	1-218-985-11	RES-CHIP	470K		5%	1/16W
R479	1-218-977-11	RES-CHIP	100K		5%	1/16W	R653	1-218-990-11	SHORT	0			
R482	1-218-977-11	RES-CHIP	100K		5%	1/16W							
R485	1-218-977-11	RES-CHIP	100K		5%	1/16W							
R488	1-218-977-11	RES-CHIP	100K		5%	1/16W							
R493	1-218-977-11	RES-CHIP	100K		5%	1/16W							
R497	1-218-977-11	RES-CHIP	100K		5%	1/16W							
R545	1-218-977-11	RES-CHIP	100K		5%	1/16W							
									< SENSOR >				
							SE401	1-418-203-21	SENSOR, SHOCK				

Ref. No.	Part No.	Description	Remarks
		< THERMISTOR >	
TH401	1-809-361-21	THERMISTOR (2125)	
		< VIBRATOR >	
X200	1-781-834-21	VIBRATOR, CERAMIC (33.868MHz)	
X202	1-781-835-21	VIBRATOR, CERAMIC (34.574MHz)	
A-7074-575-A	SY-060 BOARD, COMPLETE (FOR SERVICE)		
	*****		
	(Ref.No;4000Series)		
		< CAPACITOR >	
C601	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V
C602	1-110-569-11	TANTAL. CHIP 47uF	20% 6.3V
C603	1-125-837-91	CERAMIC CHIP 1uF	10% 6.3V
C604	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V
C606	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V
C607	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V
C609	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V
C610	1-125-837-91	CERAMIC CHIP 1uF	10% 6.3V
C611	1-125-837-91	CERAMIC CHIP 1uF	10% 6.3V
C612	1-164-860-11	CERAMIC CHIP 27PF	5% 16V
C613	1-107-682-11	CERAMIC CHIP 1uF	10% 16V
C614	1-162-928-11	CERAMIC CHIP 120PF	5% 50V
C615	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V
C616	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V
C618	1-164-943-11	CERAMIC CHIP 0.01uF	10% 16V
C619	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V
C620	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V
C621	1-125-837-91	CERAMIC CHIP 1uF	10% 6.3V
C622	1-125-837-91	CERAMIC CHIP 1uF	10% 6.3V
C623	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V
C624	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V
C625	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V
C626	1-125-837-91	CERAMIC CHIP 1uF	10% 6.3V
C627	1-110-569-11	TANTAL. CHIP 47uF	20% 6.3V
C628	1-110-569-11	TANTAL. CHIP 47uF	20% 6.3V
C629	1-104-919-11	TANTAL. CHIP 10uF	20% 25V
C630	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V
C631	1-107-826-11	CERAMIC CHIP 0.1uF	10% 16V
C632	1-119-751-11	TANTAL. CHIP 22uF	20% 16V
C635	1-164-346-11	CERAMIC CHIP 1uF	16V
C701	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V
C702	1-119-750-11	TANTAL. CHIP 22uF	20% 6.3V
C703	1-135-259-11	TANTAL. CHIP 10uF	20% 6.3V
C704	1-135-259-11	TANTAL. CHIP 10uF	20% 6.3V
C705	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V
C706	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V
C707	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V
C709	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V
C710	1-107-819-11	CERAMIC CHIP 0.022uF	10% 16V
C711	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V
C712	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V
C713	1-135-259-11	TANTAL. CHIP 10uF	20% 6.3V
C714	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V
C715	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V
C716	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V

Ref. No.	Part No.	Description	Remarks
C717	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V
C718	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V
C719	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V
C720	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V
C721	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V
C722	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V
C724	1-110-569-11	TANTAL. CHIP 47uF	20% 6.3V
C725	1-164-943-11	CERAMIC CHIP 0.01uF	10% 16V
C726	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V
C727	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V
C728	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V
C729	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V
C730	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V
C731	1-164-858-11	CERAMIC CHIP 22PF	5% 16V
C732	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V
C733	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V
C734	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V
C735	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V
C736	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V
C737	1-164-854-11	CERAMIC CHIP 15PF	5% 16V
C738	1-164-846-11	CERAMIC CHIP 6PF	0.50PF 16V
C739	1-135-259-11	TANTAL. CHIP 10uF	20% 6.3V
C741	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V
C742	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V
C755	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V
C801	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V
C802	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V
C803	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V
C804	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V
C805	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V
C806	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V
C807	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V
C809	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V
C810	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V
C811	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V
C812	1-107-819-11	CERAMIC CHIP 0.022uF	10% 16V
C813	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V
C814	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V
C815	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V
C816	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V
C817	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V
C818	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V
C819	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V
C820	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V
C821	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V
C822	1-164-939-11	CERAMIC CHIP 0.0022uF	10% 16V
C823	1-164-939-11	CERAMIC CHIP 0.0022uF	10% 16V
C824	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V
C825	1-164-849-11	CERAMIC CHIP 9PF	0.50PF 16V
C826	1-164-849-11	CERAMIC CHIP 9PF	0.50PF 16V
C829	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V
C830	1-135-259-11	TANTAL. CHIP 10uF	20% 6.3V
C831	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V
C832	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V
C833	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V
C834	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V
C836	1-135-259-11	TANTAL. CHIP 10uF	20% 6.3V
C838	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V
C839	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V
C840	1-125-777-11	CERAMIC CHIP 0.1uF	10% 10V



Ref. No.	Part No.	Description	Remarks	Ref. No.	Part No.	Description	Remarks
C841	1-135-259-11	TANTAL. CHIP	10uF 20% 6.3V	L703	1-469-527-91	INDUCTOR	47uH
C842	1-135-259-11	TANTAL. CHIP	10uF 20% 6.3V	L704	1-469-527-91	INDUCTOR	47uH
C843	1-125-777-11	CERAMIC CHIP	0.1uF 10% 10V	L709	1-469-525-91	INDUCTOR	10uH
C844	1-125-777-11	CERAMIC CHIP	0.1uF 10% 10V	L801	1-469-525-91	INDUCTOR	10uH
C845	1-125-777-11	CERAMIC CHIP	0.1uF 10% 10V	L802	1-469-525-91	INDUCTOR	10uH
C846	1-125-777-11	CERAMIC CHIP	0.1uF 10% 10V	L803	1-469-525-91	INDUCTOR	10uH
		< CONNECTOR >		L804	1-469-525-91	INDUCTOR	10uH
CN601	1-779-335-21	CONNECTOR, FFC/FPC 22P				< TRANSISTOR >	
CN901	1-770-627-21	PIN, CONNECTOR 10P		Q601	8-729-037-74	TRANSISTOR	UN9213J-(K8).SO
CN902	1-766-644-21	CONNECTOR, FFC/FPC 8P		Q602	8-729-037-61	TRANSISTOR	UN9113J-(K8).SO
CN903	1-766-759-11	CONNECTOR, FFC/FPC 4P		Q603	8-729-037-74	TRANSISTOR	UN9213J-(K8).SO
CN904	1-764-526-11	CONNECTOR, FFC/FPC 18P		Q604	8-729-037-61	TRANSISTOR	UN9113J-(K8).SO
CN905	1-785-914-21	CONNECTOR, BOARD TO BOARD 80P		Q605	8-729-037-74	TRANSISTOR	UN9213J-(K8).SO
CN906	1-778-597-21	CONNECTOR, BOARD TO BOARD 50P		Q701	8-729-037-74	TRANSISTOR	UN9213J-(K8).SO
		< DIODE >		Q702	8-729-042-72	TRANSISTOR	UN9214J-(K8).SO
D801	8-719-988-61	DIODE 1SS355TE-17		Q703	8-729-042-72	TRANSISTOR	UN9214J-(K8).SO
D802	8-719-988-61	DIODE 1SS355TE-17		Q704	8-729-042-26	TRANSISTOR	2SB1462J-QR(K8).SO
		< FERRITE BEAD >		Q705	8-729-042-26	TRANSISTOR	2SB1462J-QR(K8).SO
* FB601	1-500-282-11	INDUCTOR CHIP	OUH	Q706	8-729-042-26	TRANSISTOR	2SB1462J-QR(K8).SO
FB602	1-414-228-11	INDUCTOR CHIP	OUH	Q707	8-729-042-26	TRANSISTOR	2SB1462J-QR(K8).SO
FB603	1-500-283-11	INDUCTOR CHIP	OUH	Q708	8-729-042-26	TRANSISTOR	2SB1462J-QR(K8).SO
FB604	1-414-228-11	INDUCTOR CHIP	OUH	Q709	8-729-037-74	TRANSISTOR	UN9213J-(K8).SO
* FB605	1-500-282-11	INDUCTOR CHIP	OUH	Q711	8-729-042-26	TRANSISTOR	2SB1462J-QR(K8).SO
FB607	1-500-283-11	INDUCTOR CHIP	OUH	Q801	8-729-037-74	TRANSISTOR	UN9213J-(K8).SO
FB608	1-500-284-21	INDUCTOR CHIP	OUH	Q802	8-729-037-61	TRANSISTOR	UN9113J-(K8).SO
FB609	1-500-284-21	INDUCTOR CHIP	OUH			< RESISTOR >	
FB610	1-414-228-11	INDUCTOR CHIP	OUH	R601	1-218-957-11	RES-CHIP	2.2K 5% 1/16W
FB611	1-414-228-11	INDUCTOR CHIP	OUH	R603	1-218-937-11	RES-CHIP	47 5% 1/16W
FB701	1-414-233-22	INDUCTOR CHIP	OUH	R604	1-218-941-11	RES-CHIP	100 5% 1/16W
FB702	1-414-228-11	INDUCTOR CHIP	OUH	R606	1-218-973-11	RES-CHIP	47K 5% 1/16W
FB705	1-414-228-11	INDUCTOR CHIP	OUH	R610	1-218-990-11	SHORT	0
FB803	1-414-228-11	INDUCTOR CHIP	OUH	R611	1-218-945-11	RES-CHIP	220 5% 1/16W
FB804	1-414-228-11	INDUCTOR CHIP	OUH	R615	1-218-957-11	RES-CHIP	2.2K 5% 1/16W
		< IC >		R616	1-218-941-11	RES-CHIP	100 5% 1/16W
IC601	8-752-397-43	IC CXD2470R-T4		R620	1-218-990-11	SHORT	0
IC602	8-759-654-31	IC VSP2202Y/2K		R621	1-218-990-11	SHORT	0
IC701	8-759-654-55	IC MB87J1691LGA-G-ER		R623	1-218-990-11	SHORT	0
IC701	8-759-654-55	IC MB87J4030LGA-G-ER		R625	1-218-945-11	RES-CHIP	220 5% 1/16W
IC701	8-759-654-55	IC MB87J1691-RS-LGA-G-ER		R627	1-218-945-11	RES-CHIP	220 5% 1/16W
IC702	8-759-681-74	IC MB81F641642D-15PB-ER-WJ		R631	1-218-990-11	SHORT	0
IC801	8-759-669-63	IC HD6417197BT77		R632	1-218-990-11	SHORT	0
IC802	8-759-657-69	IC PDIUSBP11APW.118		R633	1-218-990-11	SHORT	0
IC804	8-759-271-88	IC TC7SHU04FU-TE85R		R634	1-218-977-11	RES-CHIP	100K 5% 1/16W
IC805	Note	IC MBM29LV160BE90TN-S104-ER		R635	1-216-864-11	METAL CHIP	0 5% 1/16W
IC806	8-759-678-85	IC MB81F641642D-102LFN-ER		R636	1-216-864-11	METAL CHIP	0 5% 1/16W
IC807	8-759-640-87	IC BR9016RFV-E2		R638	1-218-965-11	RES-CHIP	10K 5% 1/16W
		< COIL >		R639	1-218-977-11	RES-CHIP	100K 5% 1/16W
L601	1-469-525-91	INDUCTOR	10uH	R701	1-216-864-11	METAL CHIP	0 5% 1/16W
L602	1-469-525-91	INDUCTOR	10uH	R703	1-218-990-11	SHORT	0
L603	1-469-525-91	INDUCTOR	10uH	R705	1-216-864-11	METAL CHIP	0 5% 1/16W
L701	1-469-525-91	INDUCTOR	10uH	R708	1-218-990-11	SHORT	0
L702	1-469-525-91	INDUCTOR	10uH	R711	1-216-864-11	METAL CHIP	0 5% 1/16W
				R712	1-218-990-11	SHORT	0
				R713	1-218-990-11	SHORT	0
				R714	1-218-944-11	RES-CHIP	180 5% 1/16W
				R715	1-218-990-11	SHORT	0

**Note :** Part number is not fixed yet.  
It will be notified by Technical News when it is fixed.

# SY-060

Ref. No.	Part No.	Description			Remarks
R716	1-218-947-11	RES-CHIP	330	5%	1/16W
R717	1-218-989-11	RES-CHIP	1M	5%	1/16W
R718	1-218-951-11	RES-CHIP	680	5%	1/16W
R719	1-218-953-11	RES-CHIP	1K	5%	1/16W
R720	1-218-990-11	SHORT	0		
R721	1-218-977-11	RES-CHIP	100K	5%	1/16W
R722	1-208-663-11	METAL CHIP	150	0.5%	1/16W
R723	1-208-663-11	METAL CHIP	150	0.5%	1/16W
R724	1-218-958-11	METAL CHIP	2.7K	0.5%	1/16W
R725	1-218-973-11	RES-CHIP	47K	5%	1/16W
R727	1-218-941-11	METAL CHIP	100	0.5%	1/16W
R728	1-208-663-11	METAL CHIP	150	0.5%	1/16W
R729	1-208-663-11	METAL CHIP	150	0.5%	1/16W
R730	1-218-958-11	METAL CHIP	2.7K	0.5%	1/16W
R731	1-218-973-11	RES-CHIP	47K	5%	1/16W
R732	1-218-952-11	RES-CHIP	820	5%	1/16W
R733	1-218-969-11	RES-CHIP	22K	5%	1/16W
R734	1-218-937-11	RES-CHIP	47	5%	1/16W
R735	1-216-295-11	SHORT	0		
R736	1-218-953-11	RES-CHIP	1K	5%	1/16W
R737	1-216-295-11	SHORT	0		
R738	1-218-953-11	RES-CHIP	1K	5%	1/16W
R739	1-216-295-11	SHORT	0		
R740	1-218-953-11	RES-CHIP	1K	5%	1/16W
R741	1-216-295-11	SHORT	0		
R742	1-218-953-11	RES-CHIP	1K	5%	1/16W
R743	1-216-295-11	SHORT	0		
R744	1-218-953-11	RES-CHIP	1K	5%	1/16W
R745	1-216-864-11	METAL CHIP	0	5%	1/16W
R746	1-216-864-11	METAL CHIP	0	5%	1/16W
R747	1-218-990-11	SHORT	0		
R749	1-218-965-11	RES-CHIP	10K	5%	1/16W
R751	1-218-973-11	RES-CHIP	47K	5%	1/16W
R752	1-218-990-11	SHORT	0		
R754	1-218-990-11	SHORT	0		
R806	1-218-973-11	RES-CHIP	47K	5%	1/16W
R808	1-218-973-11	RES-CHIP	47K	5%	1/16W
R809	1-218-973-11	RES-CHIP	47K	5%	1/16W
R810	1-218-953-11	RES-CHIP	1K	5%	1/16W
R811	1-218-953-11	RES-CHIP	1K	5%	1/16W
R812	1-218-973-11	RES-CHIP	47K	5%	1/16W
R813	1-218-953-11	RES-CHIP	1K	5%	1/16W
R817	1-218-973-11	RES-CHIP	47K	5%	1/16W
R818	1-218-977-11	RES-CHIP	100K	5%	1/16W
R819	1-218-953-11	RES-CHIP	1K	5%	1/16W
R820	1-218-990-11	SHORT	0		
R821	1-218-973-11	RES-CHIP	47K	5%	1/16W
R822	1-218-953-11	RES-CHIP	1K	5%	1/16W
* R827	1-500-282-11	INDUCTOR CHIP	0UH		(Note1)
R828	1-218-973-11	RES-CHIP	47K	5%	1/16W
R829	1-218-955-11	RES-CHIP	1.5K	5%	1/16W
R830	1-218-973-11	RES-CHIP	47K	5%	1/16W
R831	1-218-990-11	SHORT	0		
R832	1-218-990-11	SHORT	0		
R833	1-218-989-11	RES-CHIP	1M	5%	1/16W

Ref. No.	Part No.	Description			Remarks
R834	1-218-973-11	RES-CHIP	47K	5%	1/16W
R835	1-218-973-11	RES-CHIP	47K	5%	1/16W
R836	1-218-973-11	RES-CHIP	47K	5%	1/16W
R837	1-218-973-11	RES-CHIP	47K	5%	1/16W
R838	1-218-990-11	SHORT	0		
R839	1-218-990-11	SHORT	0		
R840	1-218-989-11	RES-CHIP	1M	5%	1/16W
R841	1-218-977-11	RES-CHIP	100K	5%	1/16W
R842	1-216-295-11	SHORT	0		
R843	1-216-864-11	METAL CHIP	0	5%	1/16W
R844	1-218-973-11	RES-CHIP	47K	5%	1/16W
R845	1-218-973-11	RES-CHIP	47K	5%	1/16W
R846	1-218-965-11	RES-CHIP	10K	5%	1/16W
R847	1-219-251-11	RES-CHIP	24	5%	1/16W (Note2)
R848	1-219-251-11	RES-CHIP	24	5%	1/16W (Note2)
R901	1-218-969-11	RES-CHIP	22K	5%	1/16W
R902	1-216-864-11	METAL CHIP	0	5%	1/16W
R903	1-216-864-11	METAL CHIP	0	5%	1/16W
R904	1-216-864-11	METAL CHIP	0	5%	1/16W
R905	1-218-983-11	RES-CHIP	330K	5%	1/16W
R906	1-216-295-11	SHORT	0		
R907	1-216-295-11	SHORT	0		
R908	1-216-864-11	METAL CHIP	0	5%	1/16W
R909	1-218-953-11	RES-CHIP	1K	5%	1/16W (Note2)
R910	1-218-953-11	RES-CHIP	1K	5%	1/16W (Note2)
< VARISTOR >					
VDR801	1-801-862-11	VARISTOR, CHIP			
< VIBRATOR >					
X601	1-781-772-21	OSCILLATOR, CRYSTAL (36.818182MHz)			
X602	1-781-771-21	OSCILLATOR, CRYSTAL (36.5625MHz)			
X701	1-781-160-21	VIBRATOR, CERAMIC (16.384MHz)			
X801	1-781-762-21	VIBRATOR, CRYSTAL (25.8048MHz)			
X802	1-781-620-21	VIBRATOR, CERAMIC (48MHz)			

**Note2** : This part is newly added to the part with suffix No.-12 only.

**Note1** : Inductor is mounted to the location where R827 is printed.

