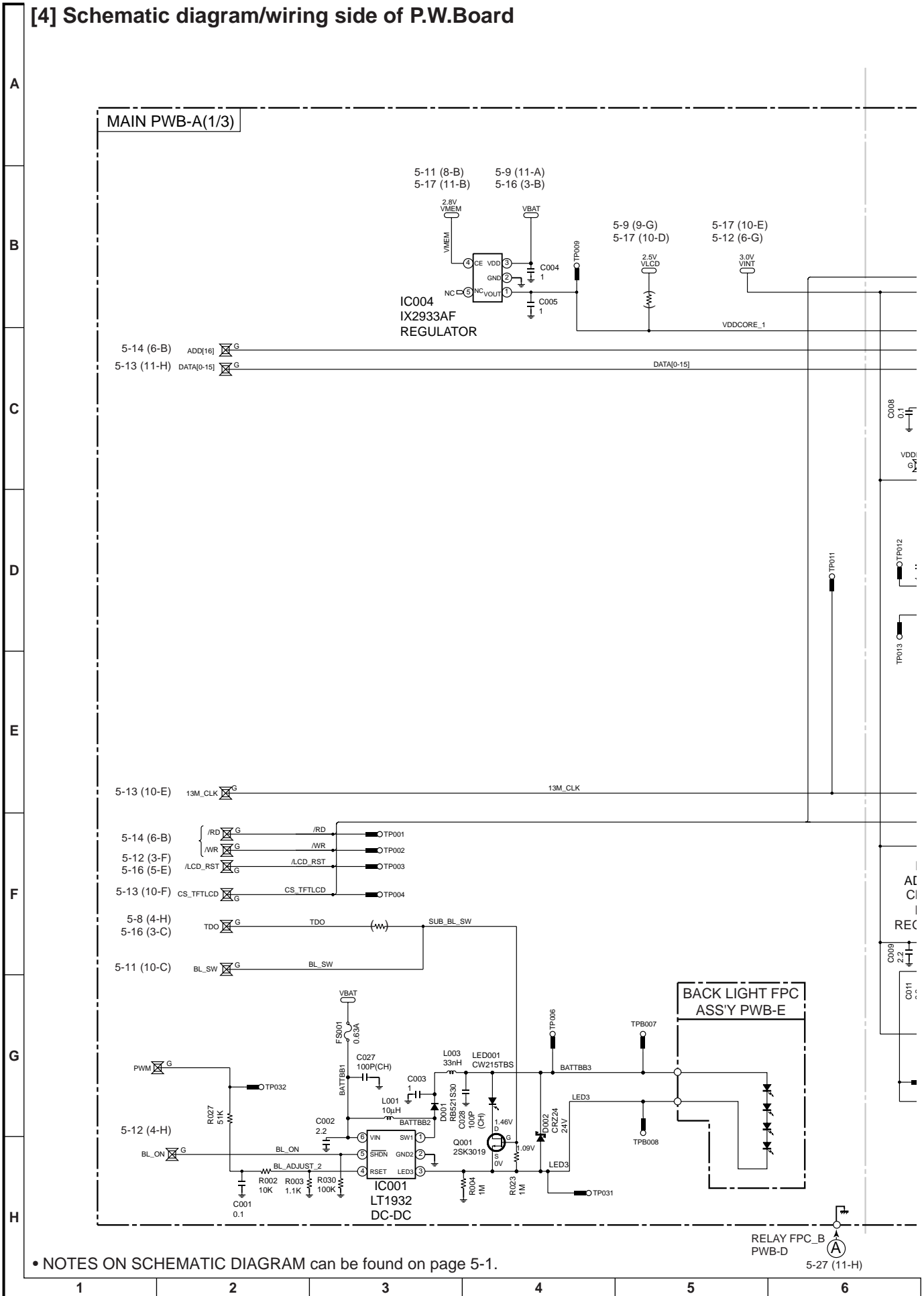
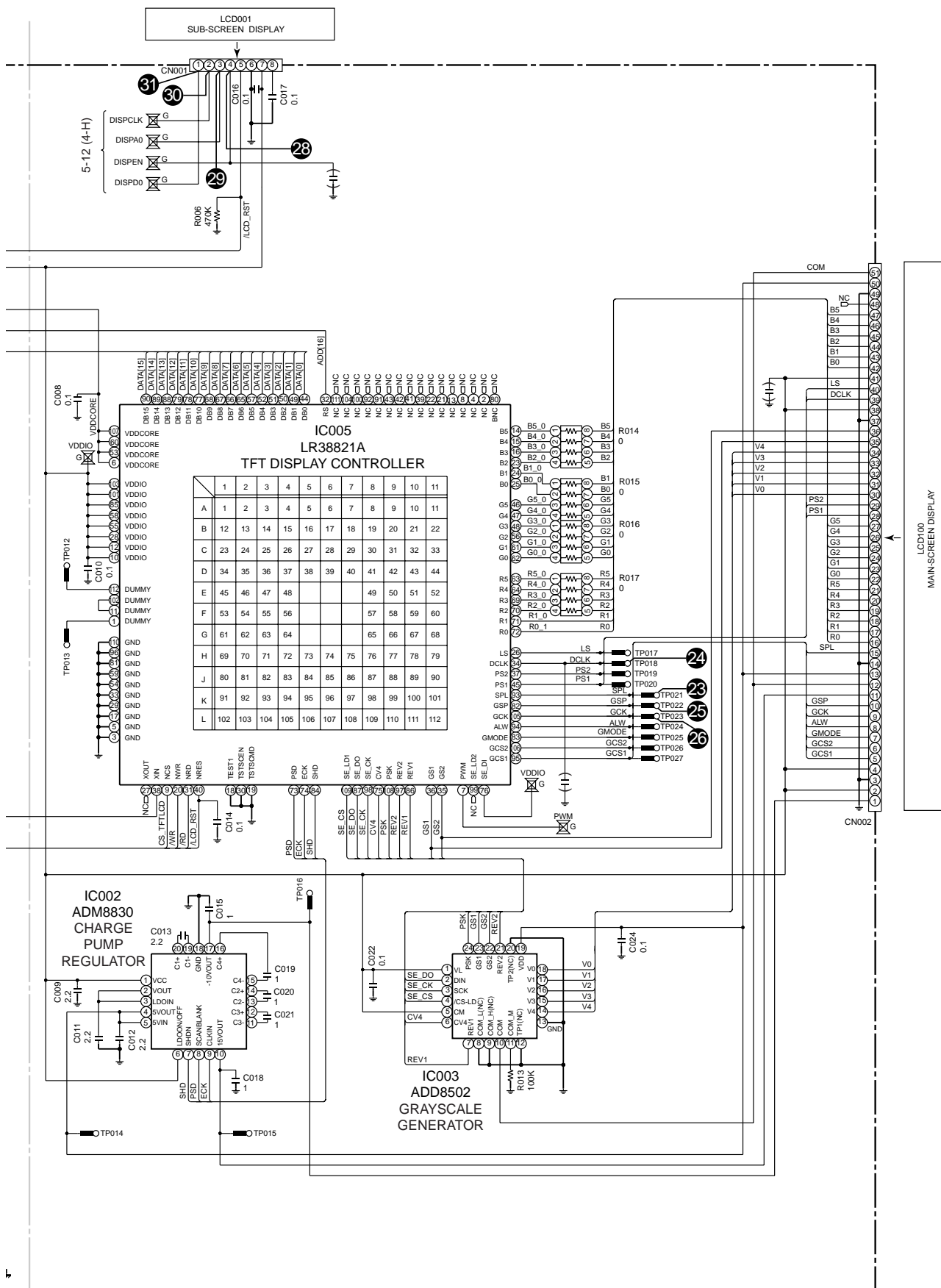


[4] Schematic diagram/wiring side of P.W.Board



• NOTES ON SCHEMATIC DIAGRAM can be found on page 5-1.

Figure 1 SCHEMATIC DIAGRAM (1/22)



( ) : Not Mount

The numbers 23 to 26 and 28 to 31 are waveform numbers shown in pages 5-4 ,5-5.

7	8	9	10	11	12
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Figure 2 SCHEMATIC DIAGRAM (2/22)

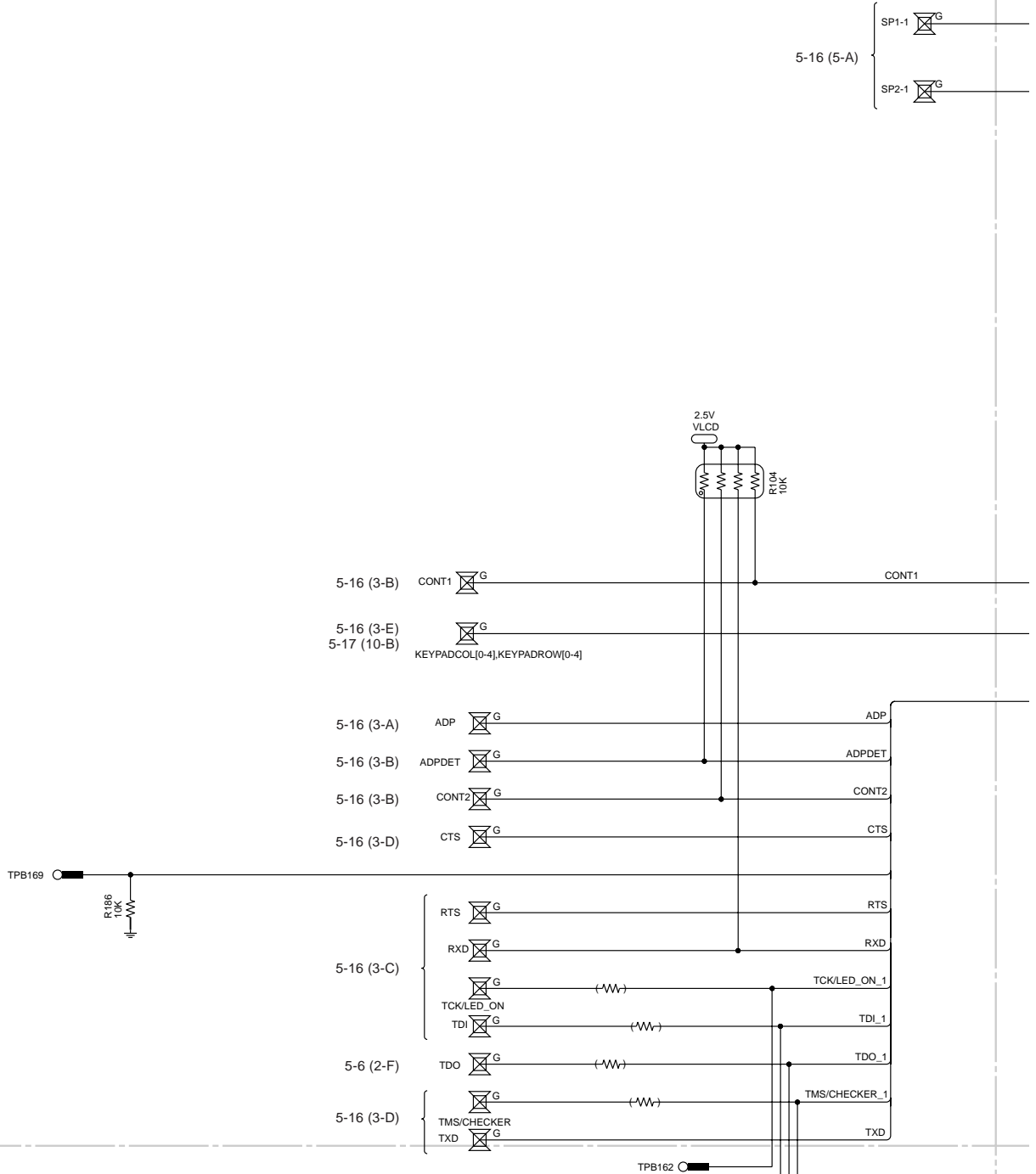
MAIN PWB-A (2/3)

MAIN PWB-A(2/3)

- ▷ RECEPTION SIGNAL
- ▶ TRANSMISSION SIGNAL
- ≻ SPEAKER SIGNAL

3.0

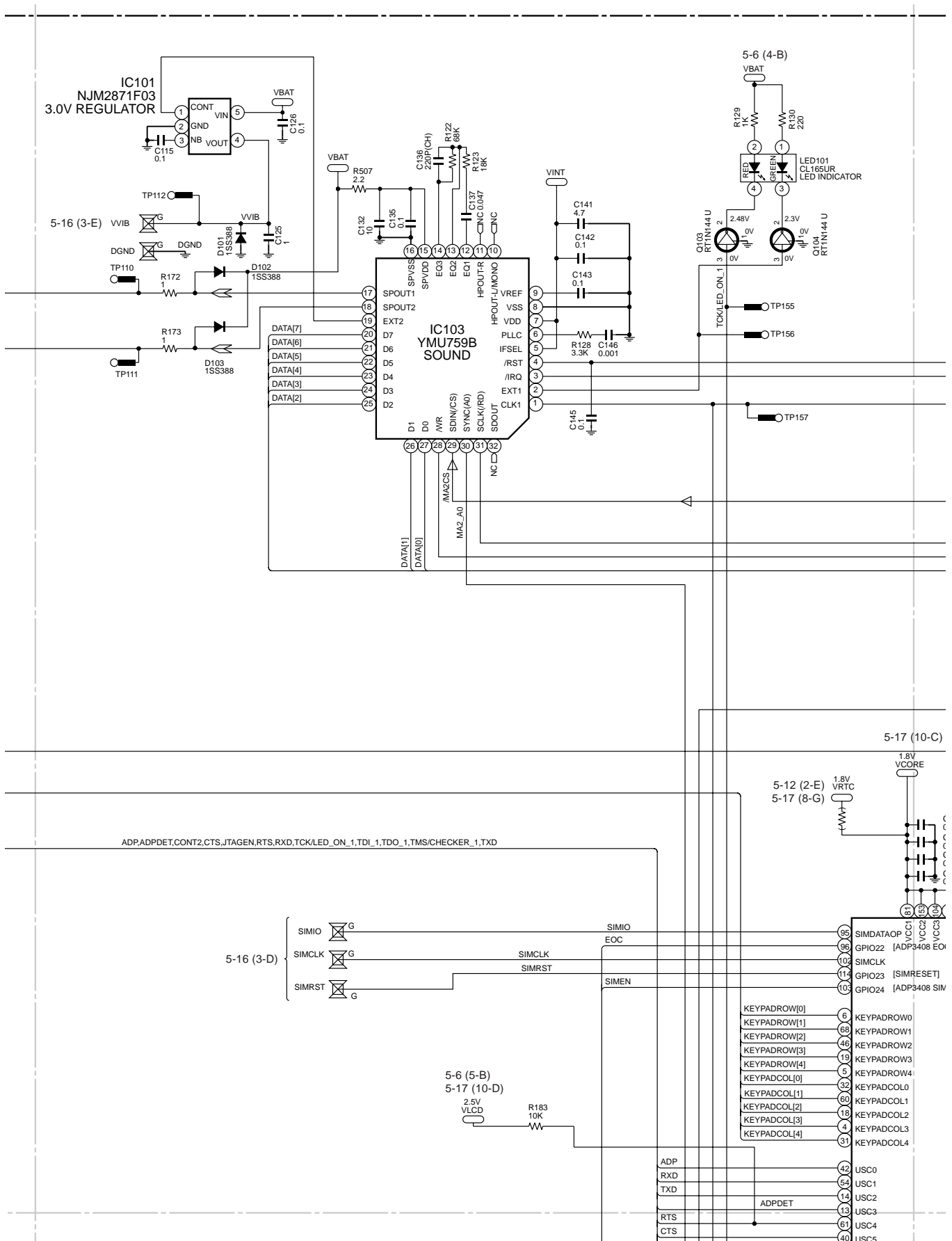
A  
B  
C  
D  
E  
F  
G  
H



• NOTES ON SCHEMATIC DIAGRAM can be found on page 5-1.

1 2 3 4 5 6

Figure 3 SCHEMATIC DIAGRAM (3/22)

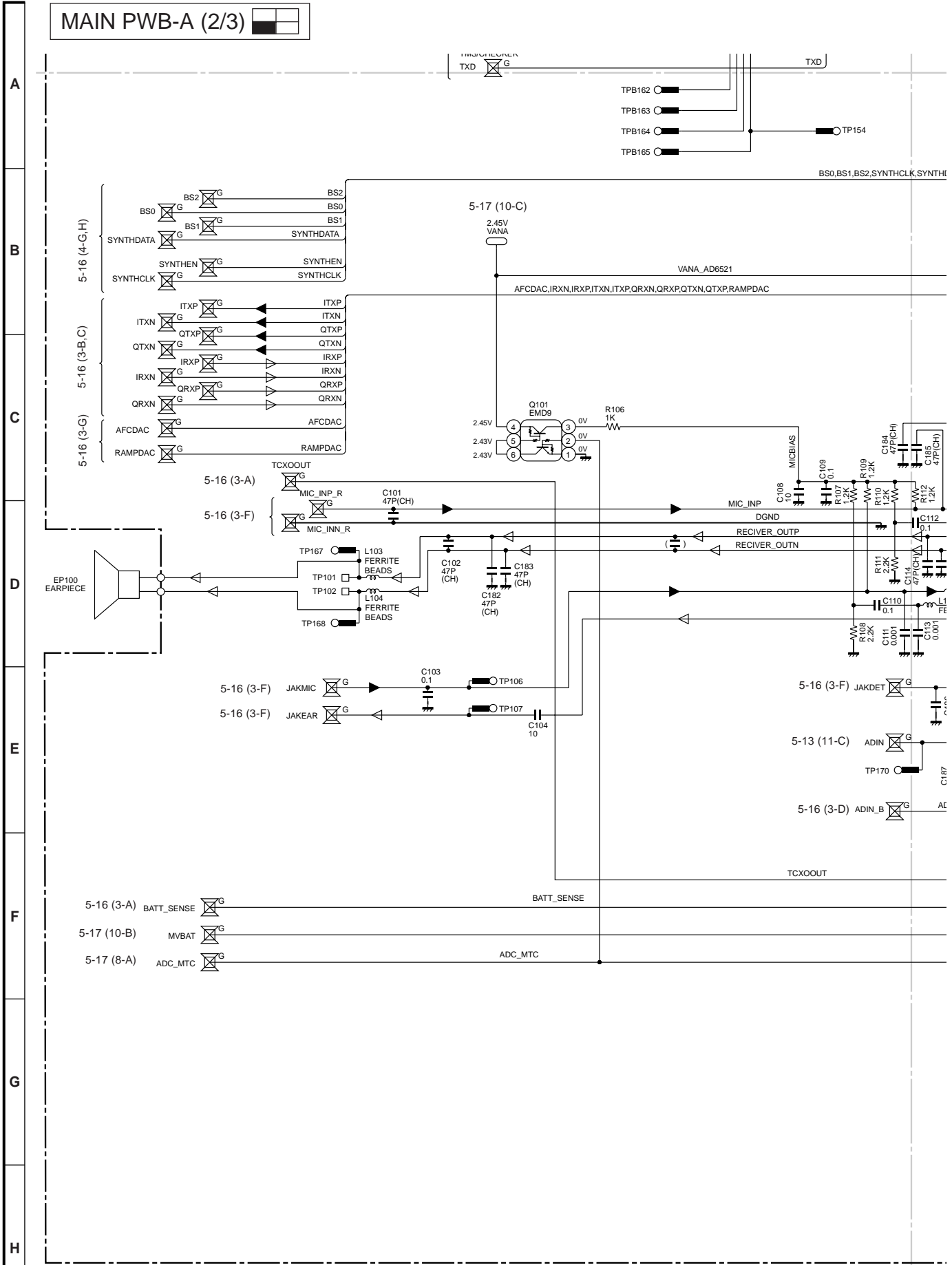


• ( ) : Not Mount

7	8	9	10	11	12
---	---	---	----	----	----

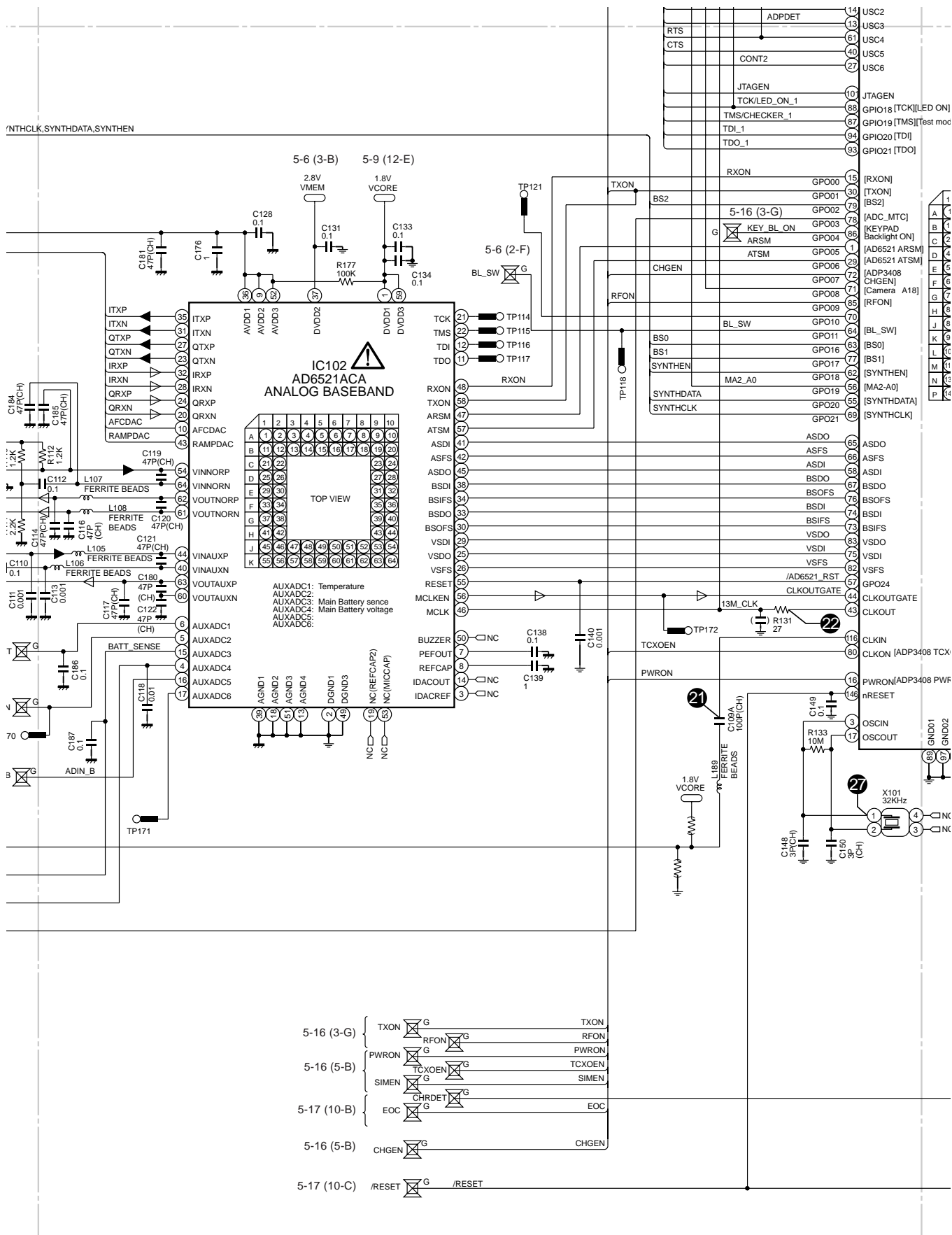
Figure 4 SCHEMATIC DIAGRAM (4/22)

MAIN PWB-A (2/3)



• NOTES ON SCHEMATIC DIAGRAM can be found on page 5-1.

Figure 5 SCHEMATIC DIAGRAM (5/22)



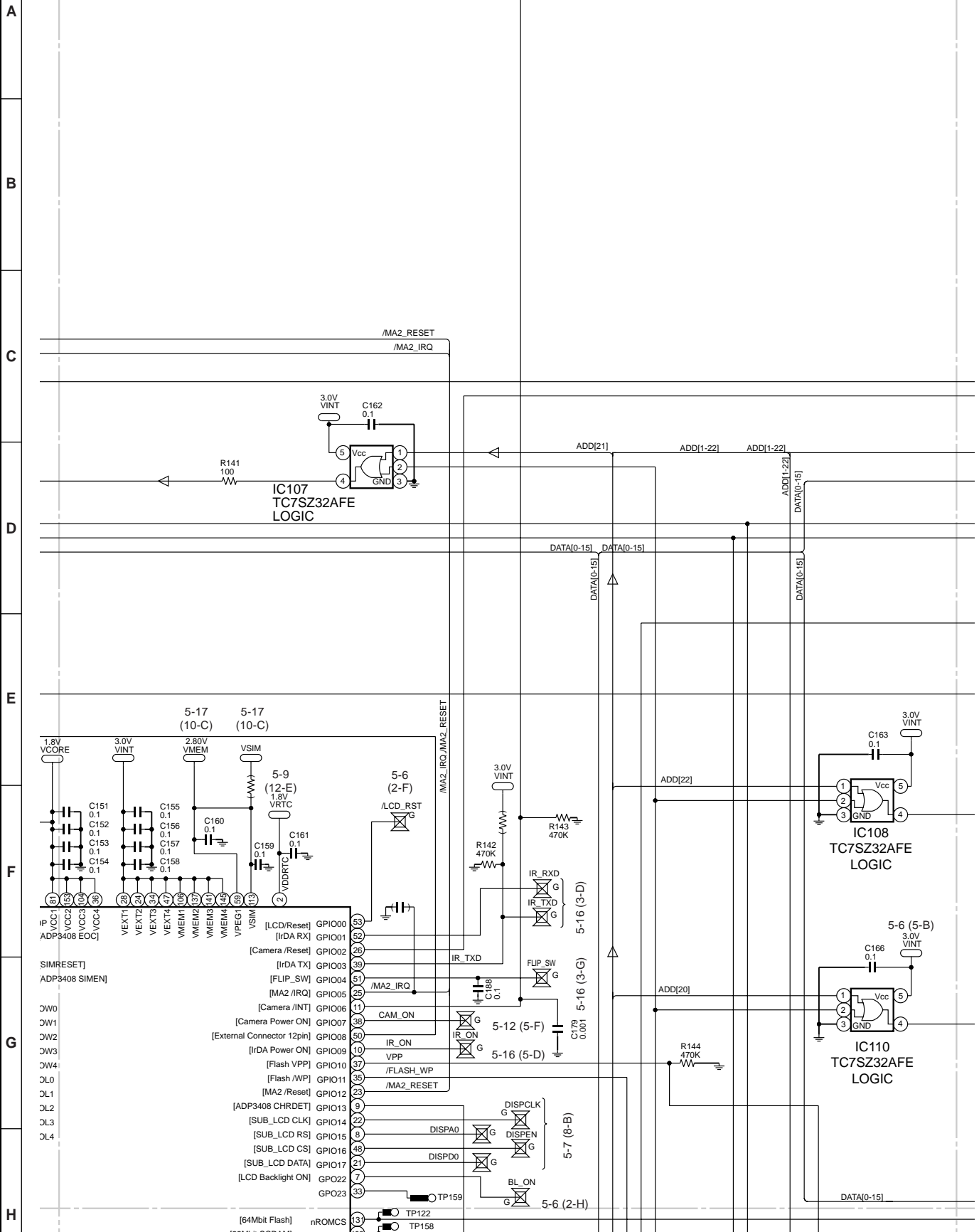
• ( ) : Not Mount

• The numbers 21, 22, 27 are waveform numbers shown in pages 5-4, 5-5.

7	8	9	10	11	12
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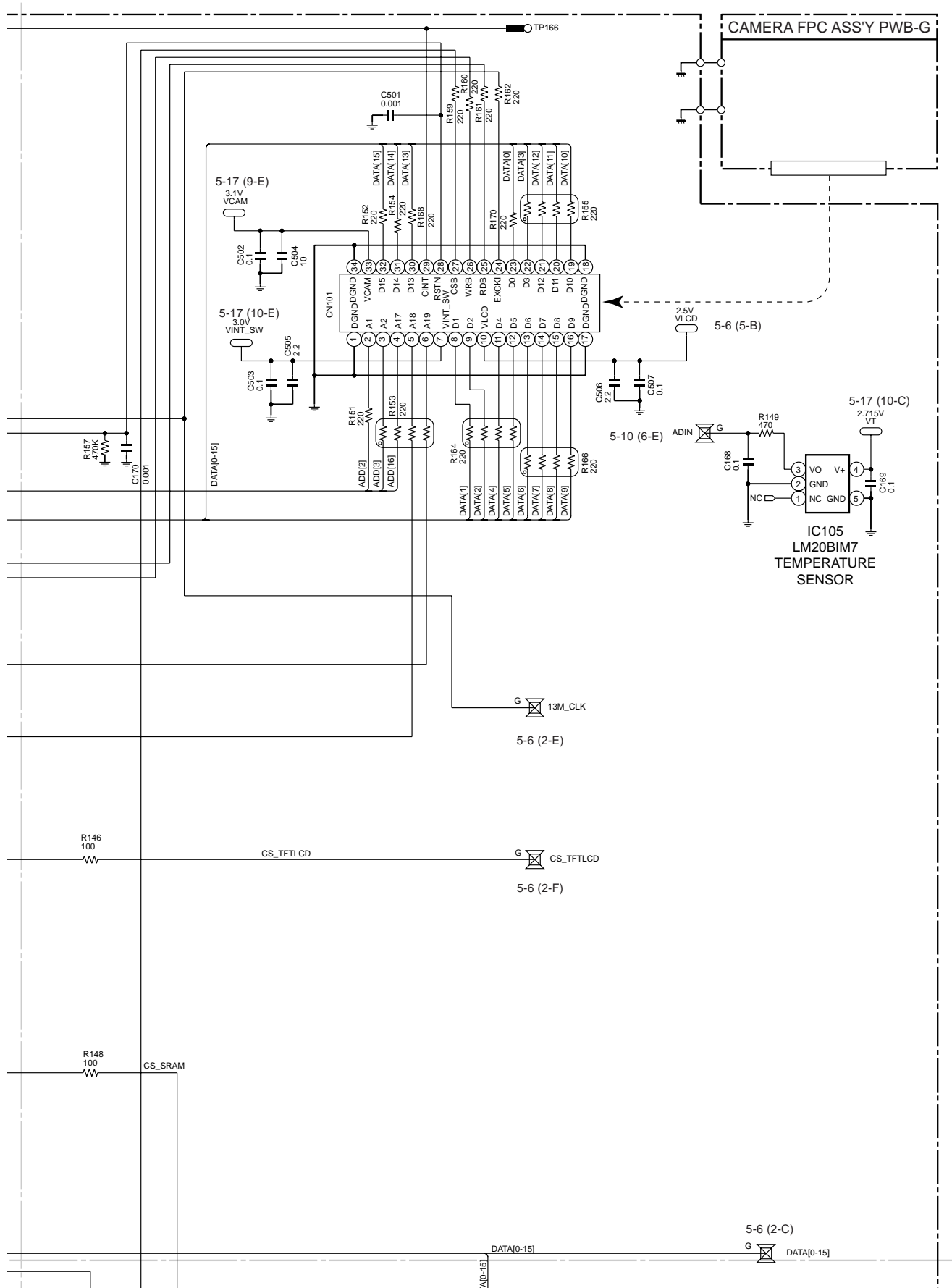
Figure 6 SCHEMATIC DIAGRAM (6/22)

MAIN PWB-A (2/3)



• NOTES ON SCHEMATIC DIAGRAM can be found on page 5-1.

Figure 7 SCHEMATIC DIAGRAM (7/22)  
5 - 12



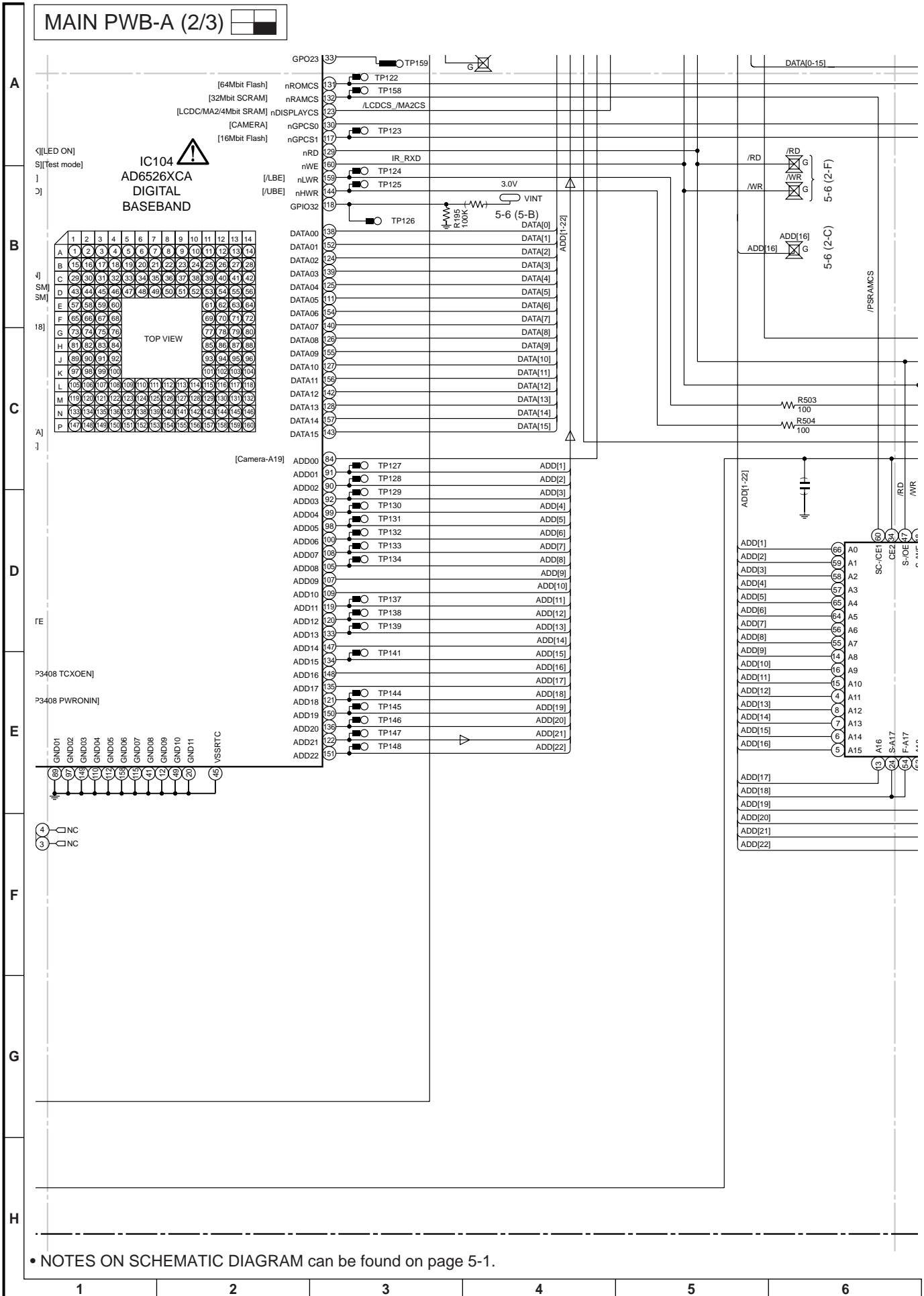
• ( ) : Not Mount

7	8	9	10	11	12
---	---	---	----	----	----

Figure 8 SCHEMATIC DIAGRAM (8/22)

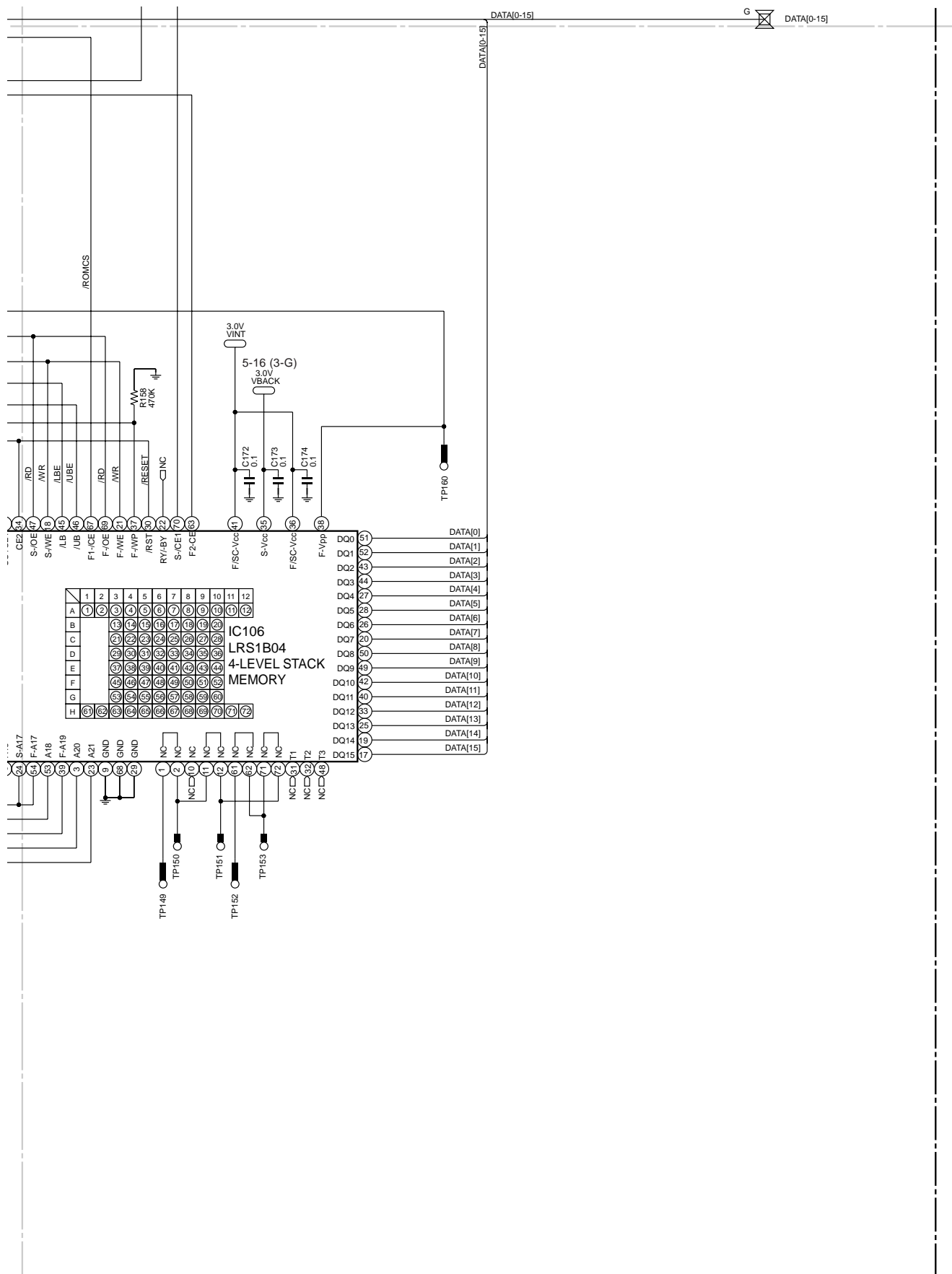


MAIN PWB-A (2/3)



• NOTES ON SCHEMATIC DIAGRAM can be found on page 5-1.

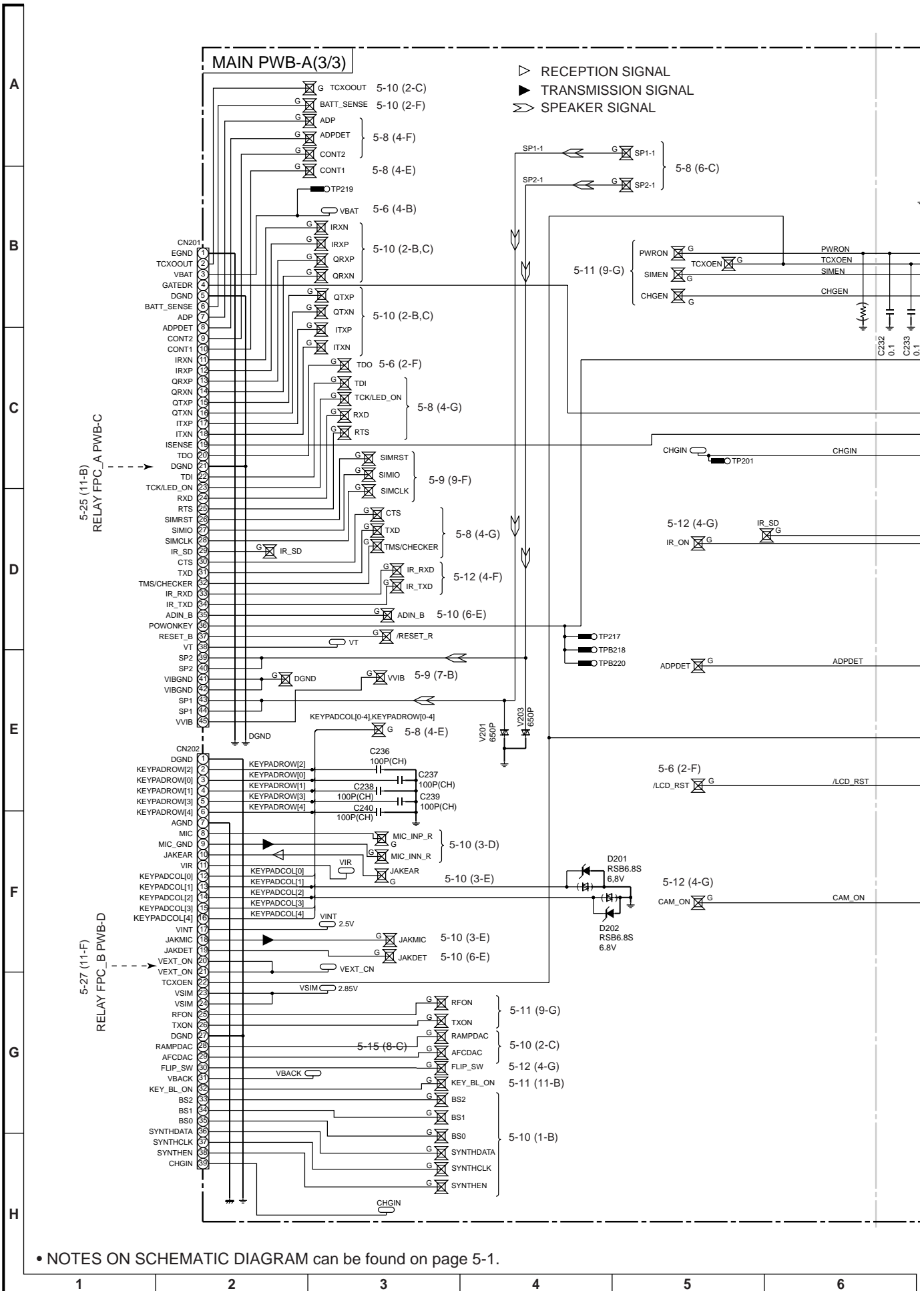
Figure 9 SCHEMATIC DIAGRAM (9/22) 5 - 14



• ( ) : Not Mount

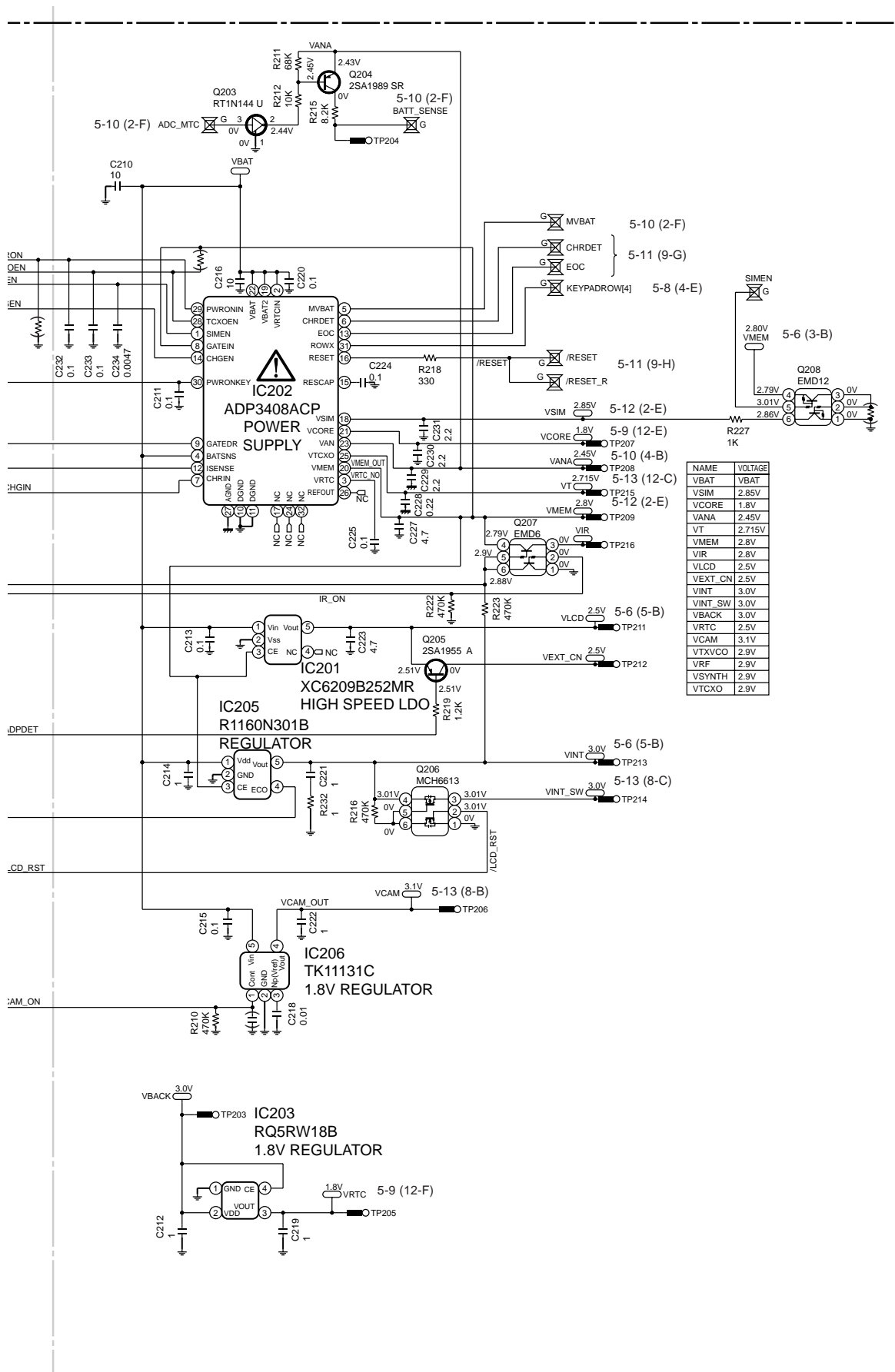
7	8	9	10	11	12
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Figure 10 SCHEMATIC DIAGRAM (10/22)  
5 - 15



• NOTES ON SCHEMATIC DIAGRAM can be found on page 5-1.

Figure 11 SCHEMATIC DIAGRAM (11/22)  
5 - 16

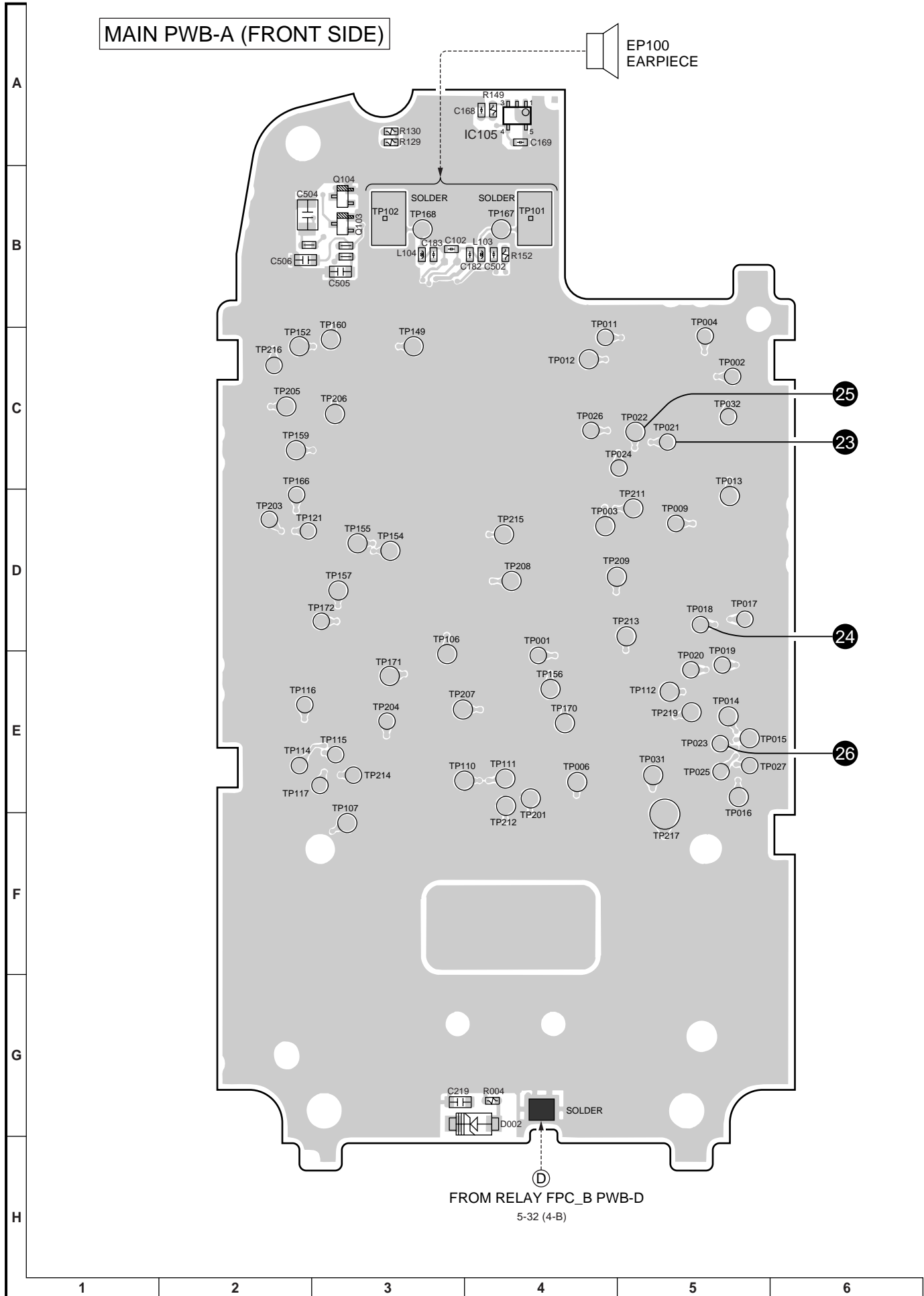


• ( ) : Not Mount

7	8	9	10	11	12
---	---	---	----	----	----

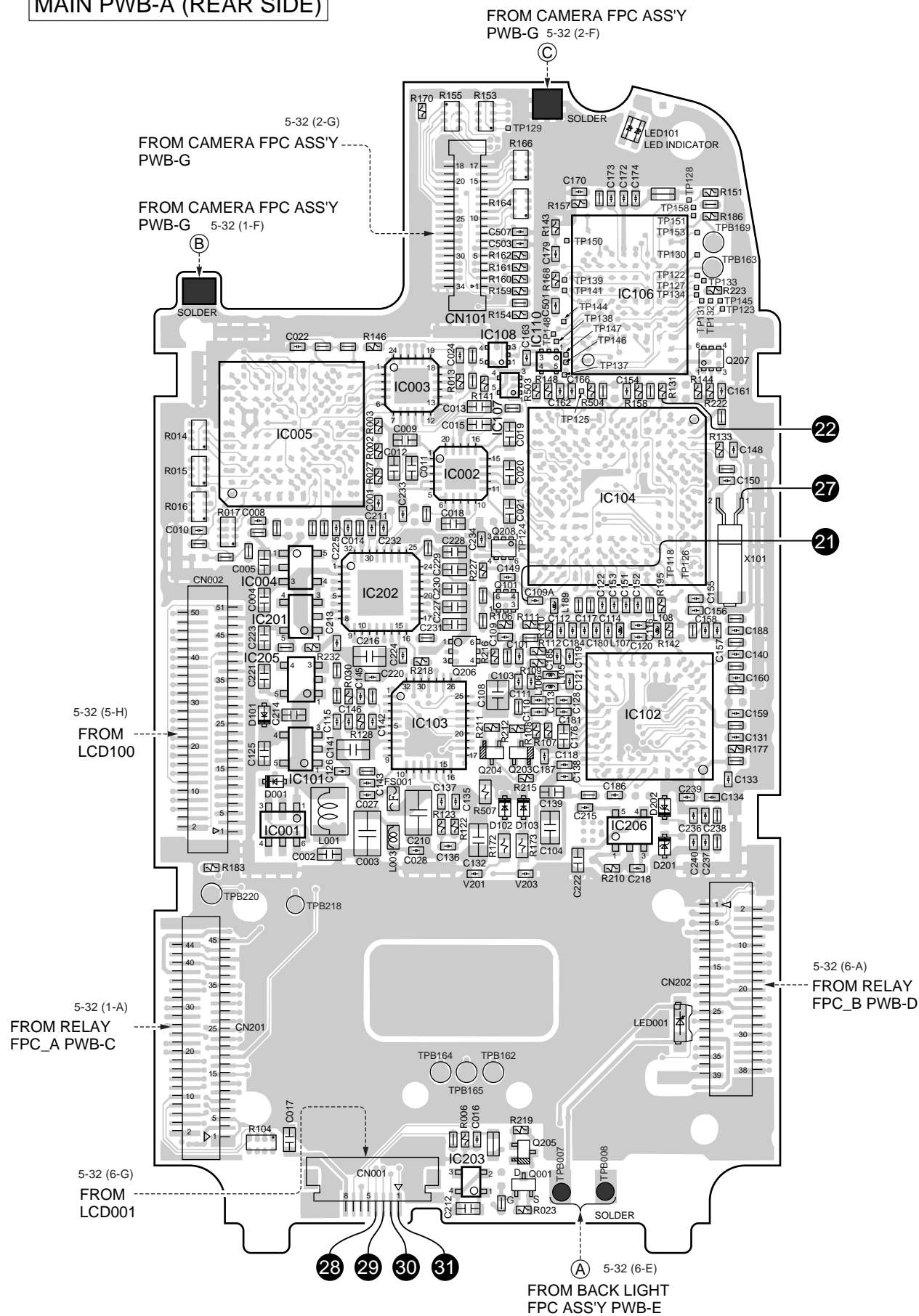
Figure 12 SCHEMATIC DIAGRAM (12/22)

**MAIN PWB-A (FRONT SIDE)**



**Figure 13 WIRING SIDE OF P.W.BOARD (1/5)**  
5 - 18

MAIN PWB-A (REAR SIDE)



The numbers 21 to 31 are waveform numbers shown in pages 5-4, 5-5.

7	8	9	10	11	12
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Figure 14 WIRING SIDE OF P.W.BOARD (2/5)

KEY PWB-B (1/2)

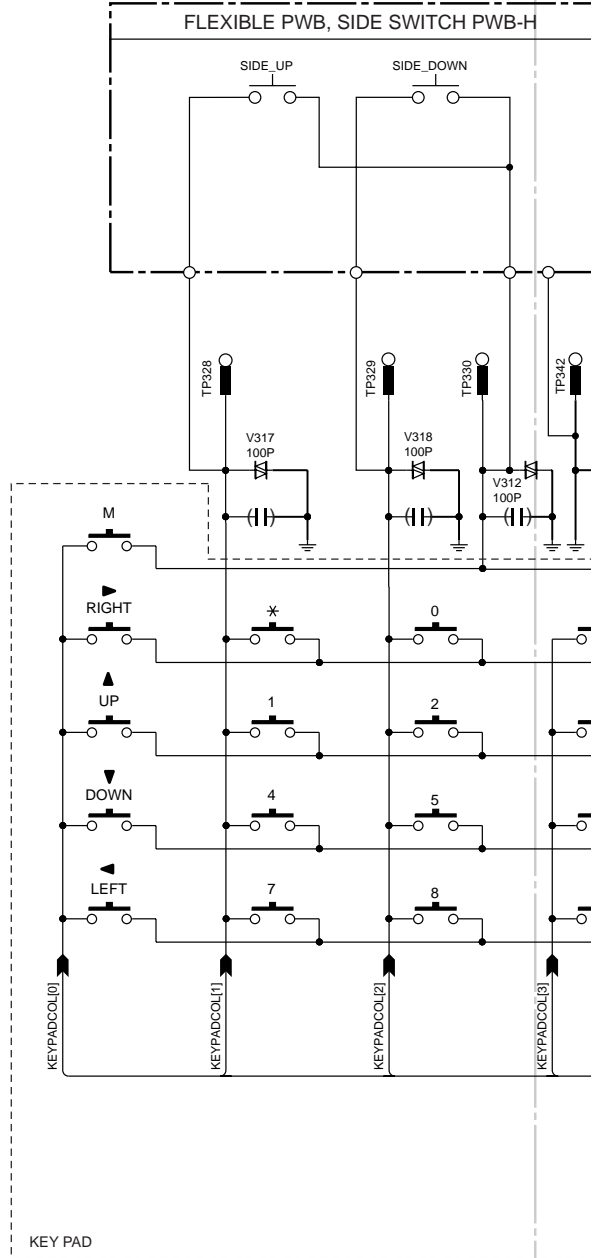


A  
B  
C  
D  
E  
F  
G  
H

KEY PWB-B(1/2)

- ▷ RECEPTION SIGNAL
- ▶ TRANSMISSION SIGNAL
- ≻ SPEAKER SIGNAL

FLEXIBLE PWB, SIDE SWITCH PWB-H



CN302  
EXTERNAL  
CONNECTOR

5-27 (9-D)  
VEXT\_CN

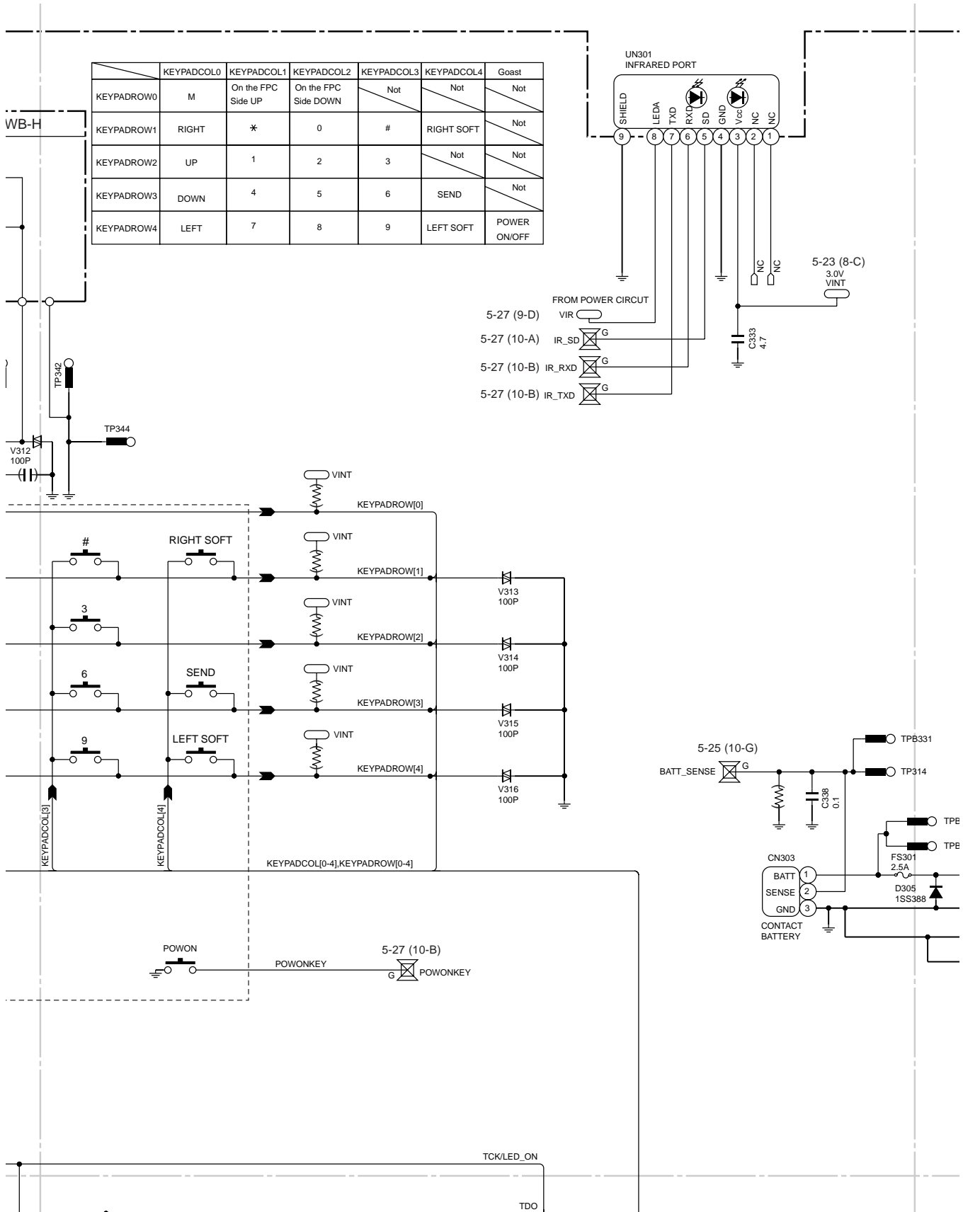
TPB343

TP305

• NOTES ON SCHEMATIC DIAGRAM can be found on page 5-1.

1 2 3 4 5 6

Figure 15 SCHEMATIC DIAGRAM (13/22)



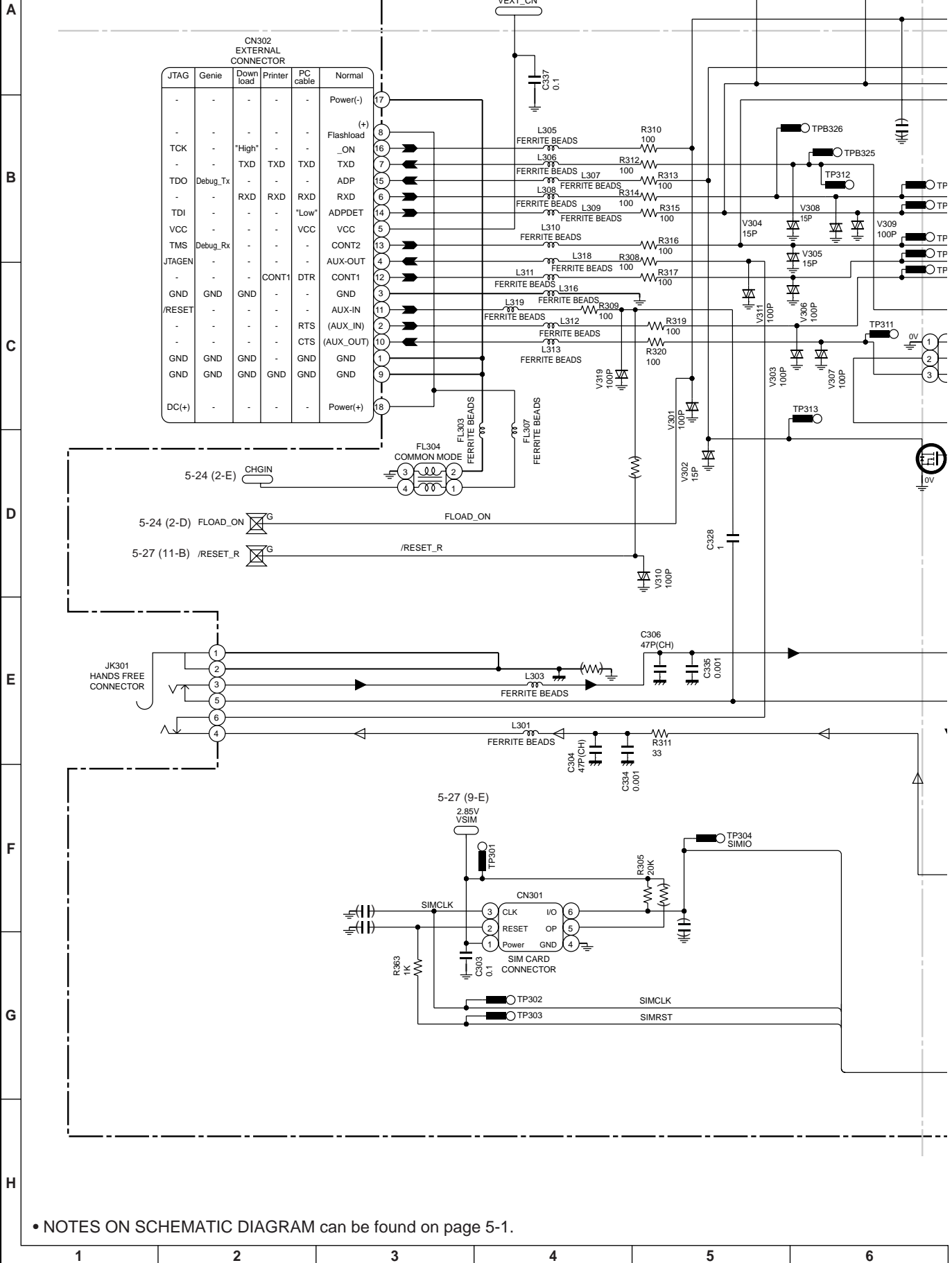
• ( ) : Not Mount

7	8	9	10	11	12
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Figure 16 SCHEMATIC DIAGRAM (14/22)

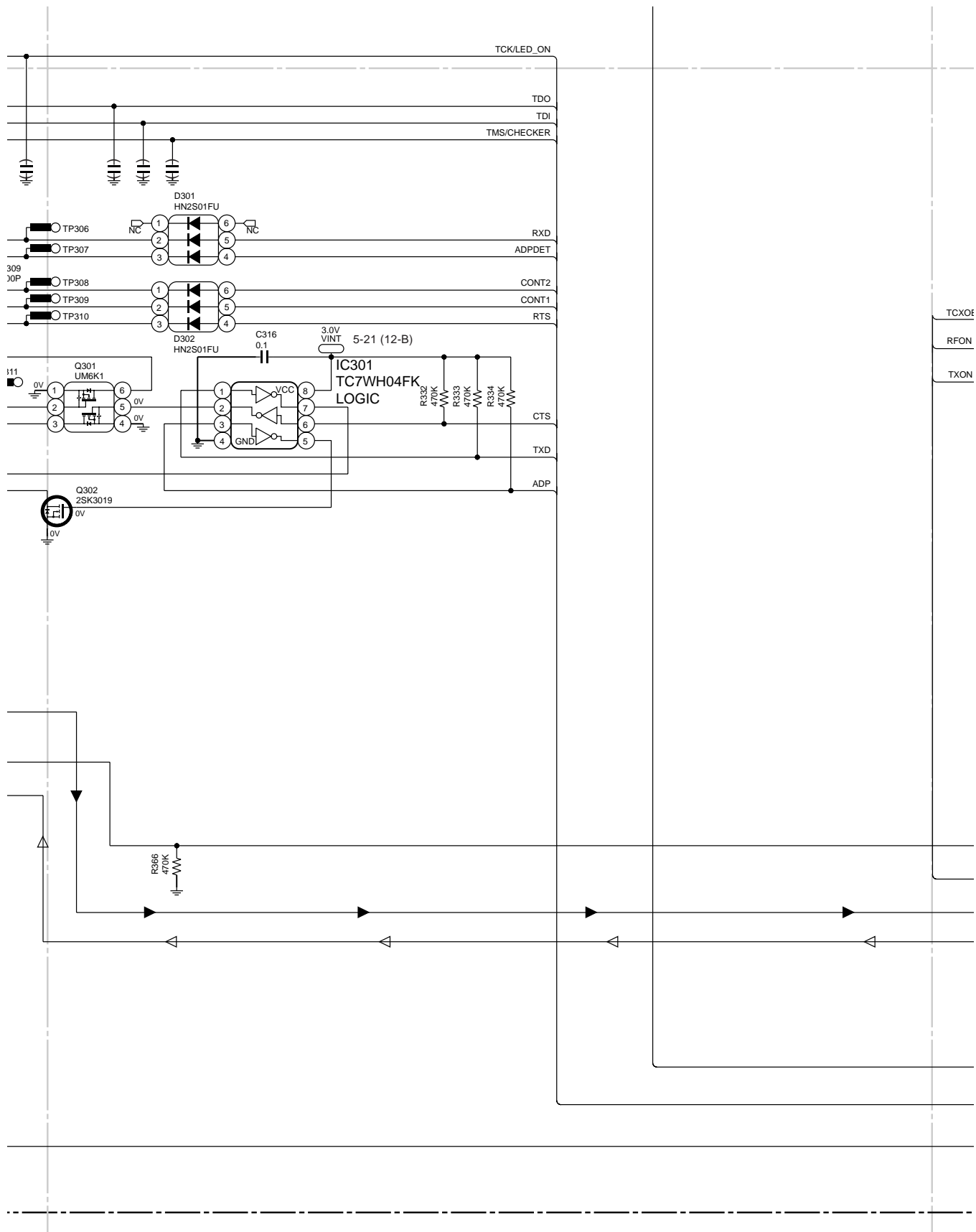


KEY PWB-B (1/2)



• NOTES ON SCHEMATIC DIAGRAM can be found on page 5-1.

Figure 17 SCHEMATIC DIAGRAM (15/22)  
5 - 22



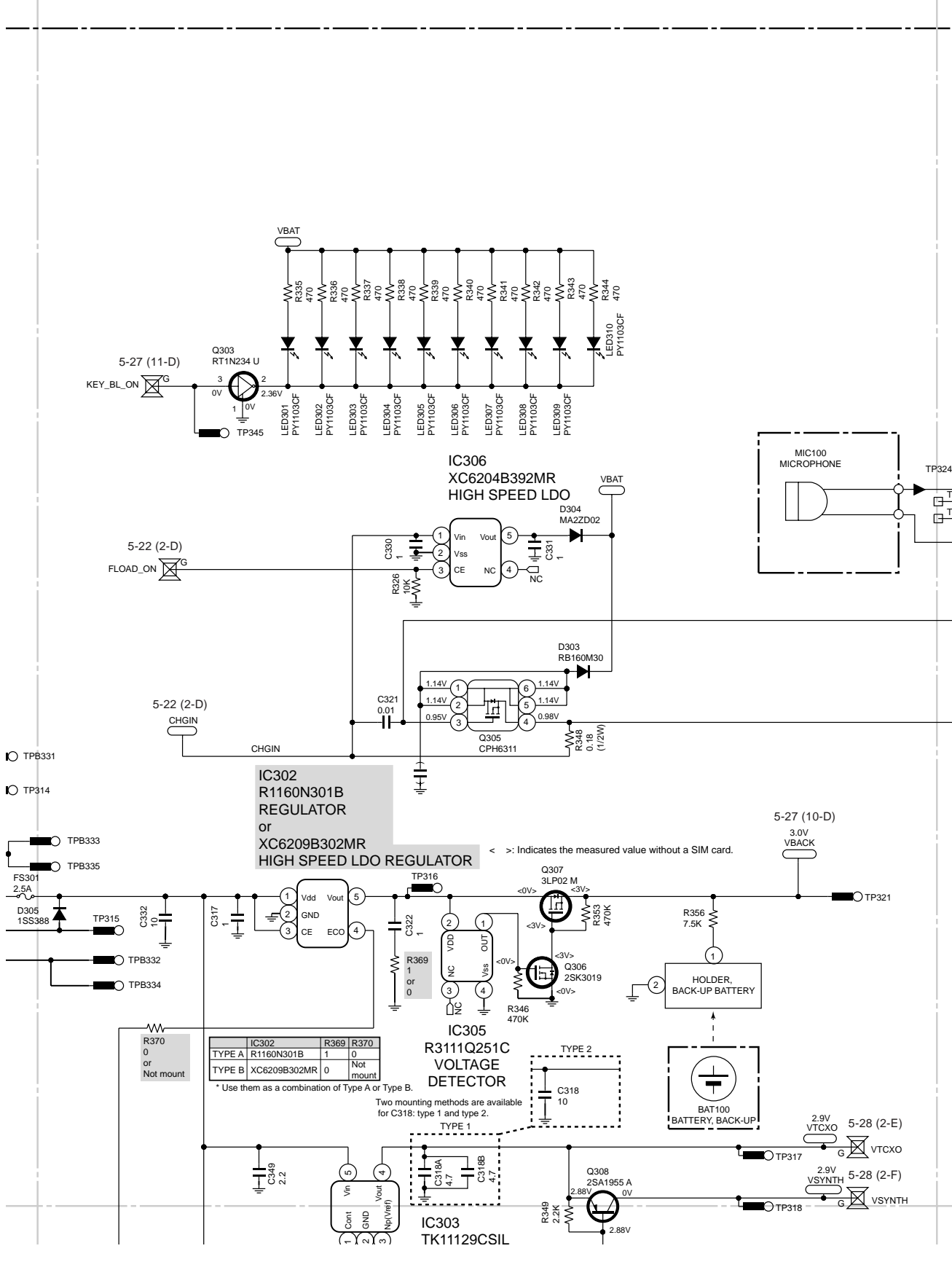
• ( ) : Not Mount

7	8	9	10	11	12
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Figure 18 SCHEMATIC DIAGRAM (16/22)

KEY PWB-B (1/2)

A  
B  
C  
D  
E  
F  
G  
H



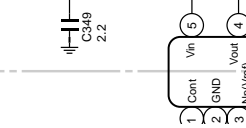
**IC302**  
R1160N301B  
REGULATOR  
OR  
XC6209B302MR  
HIGH SPEED LDO REGULATOR

	IC302	R369	R370
TYPE A	R1160N301B	1	0
TYPE B	XC6209B302MR	0	Not mount

\* Use them as a combination of Type A or Type B.

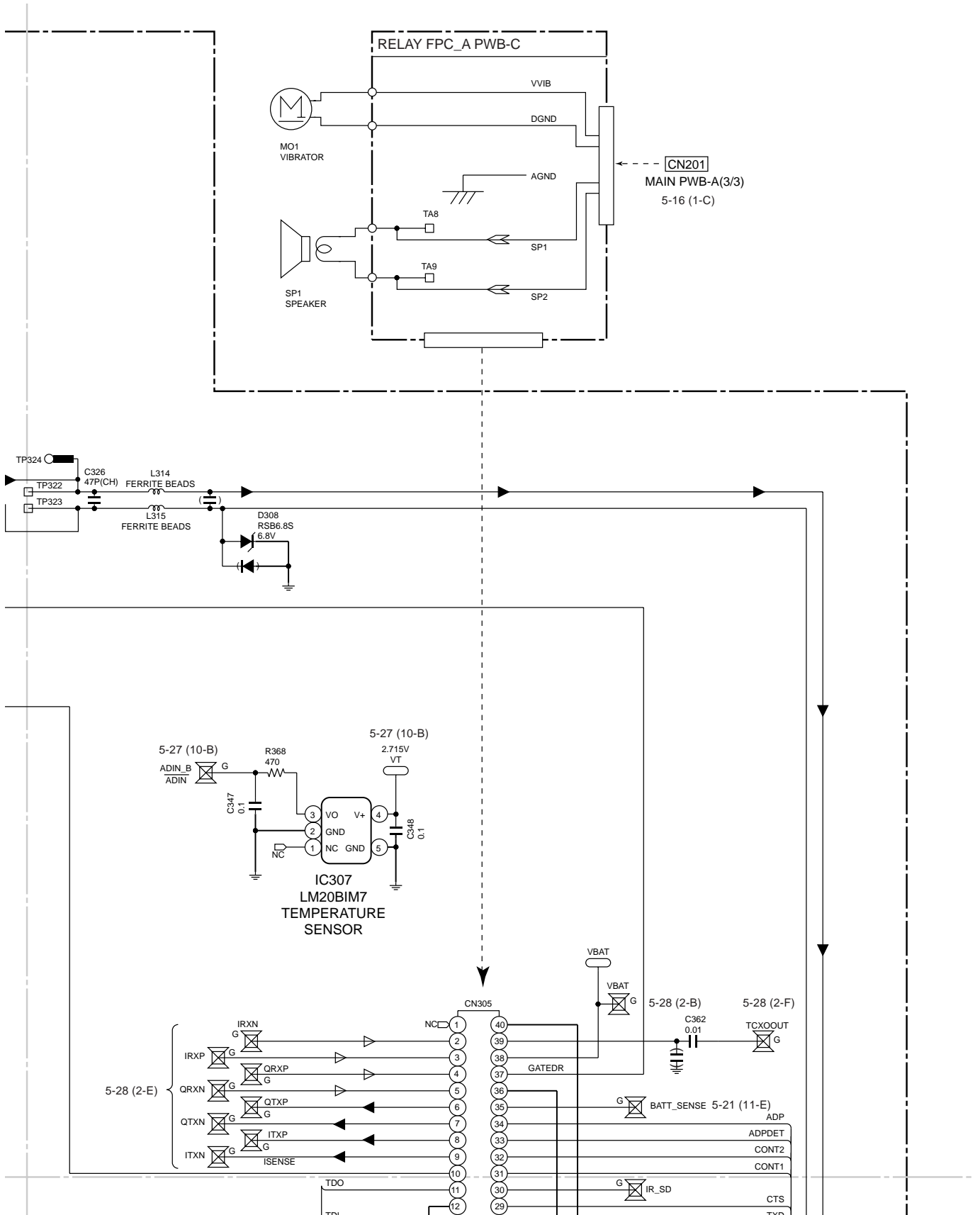
**IC305**  
R3111Q251C  
VOLTAGE  
DETECTOR

Two mounting methods are available for C318: type 1 and type 2.



• NOTES ON SCHEMATIC DIAGRAM can be found on page 5-1.

Figure 19 SCHEMATIC DIAGRAM (17/22)  
5 - 24

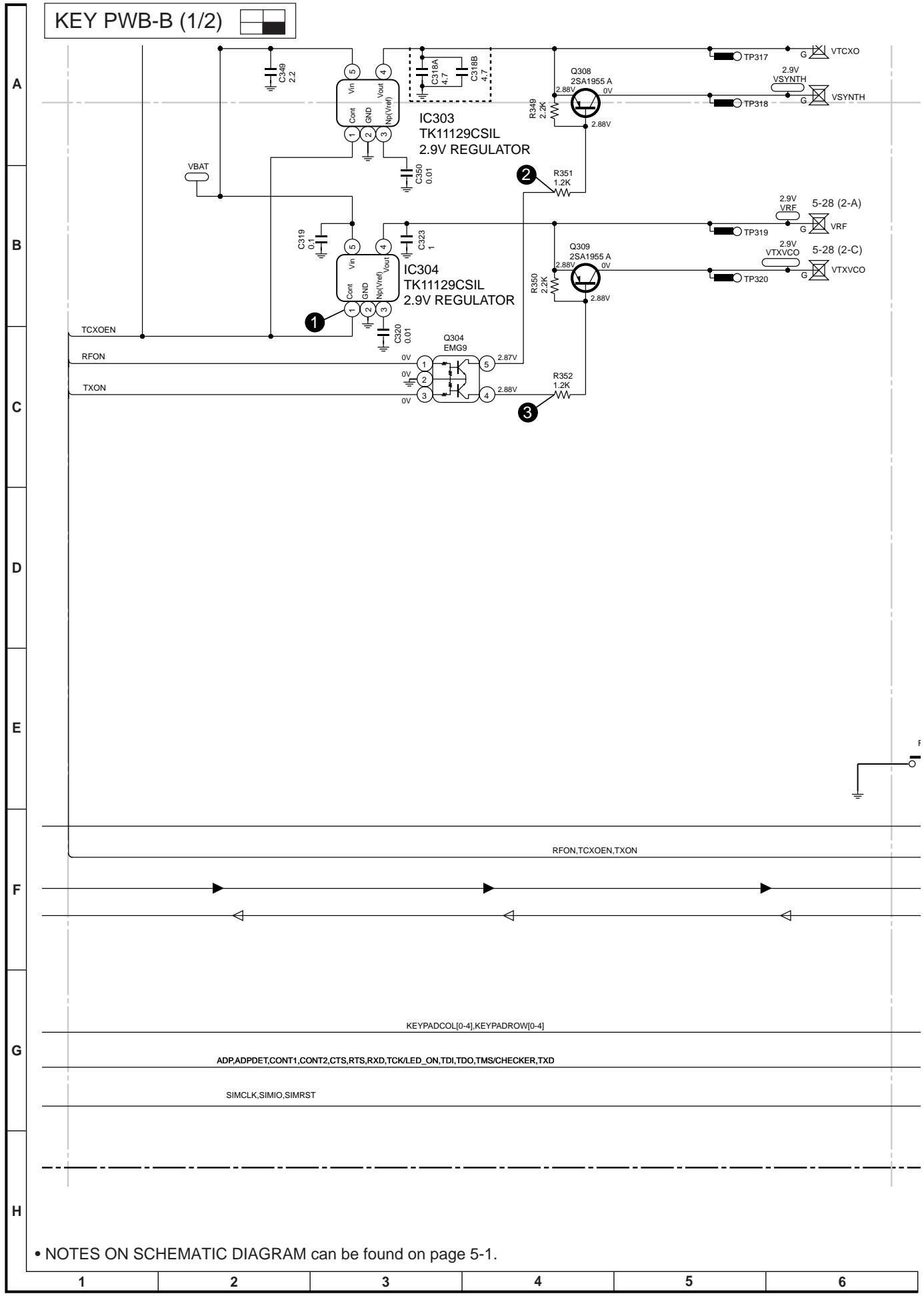


• ( ) : Not Mount

7	8	9	10	11	12
---	---	---	----	----	----

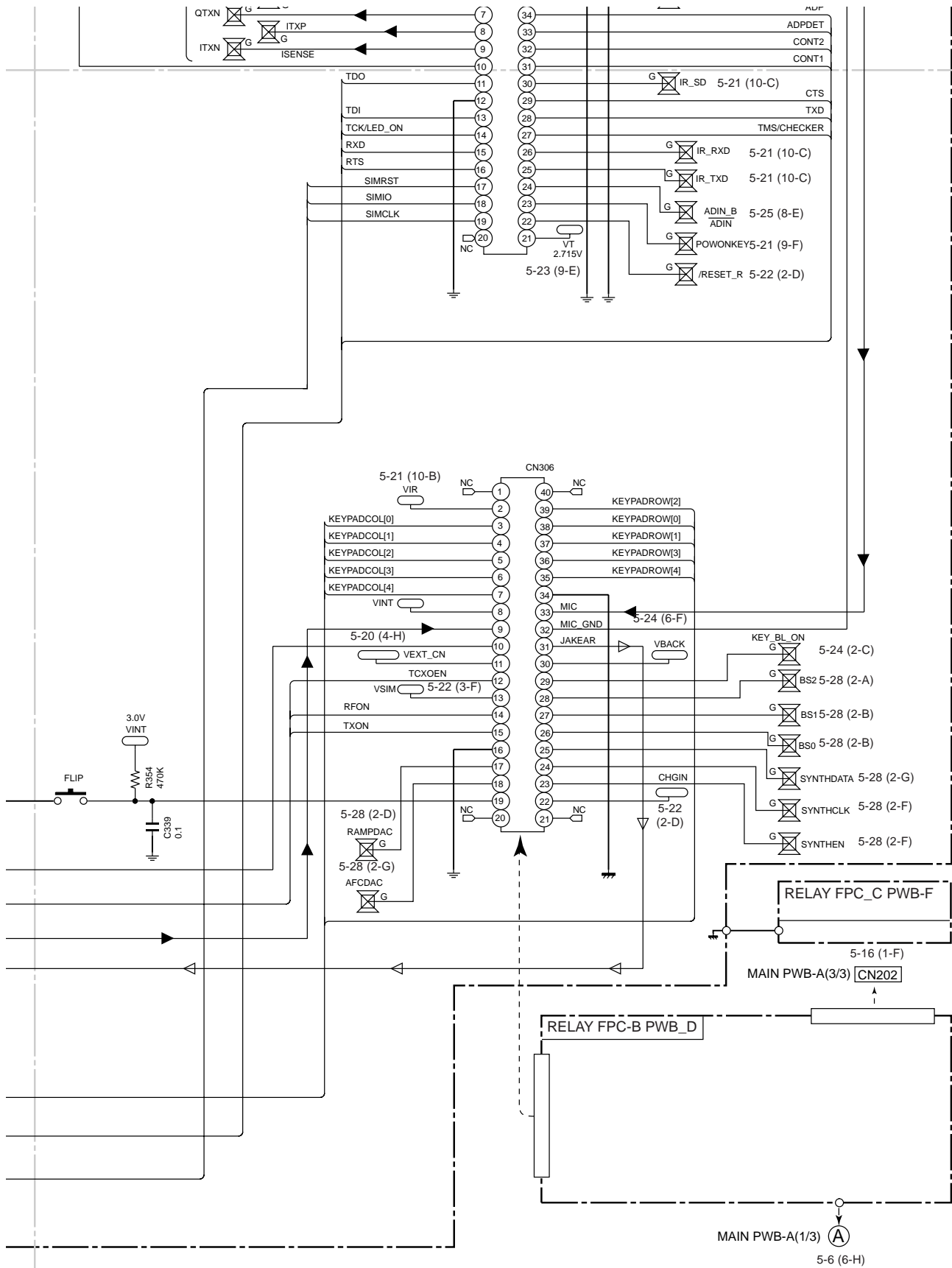
Figure 20 SCHEMATIC DIAGRAM (18/22)

KEY PWB-B (1/2)



• NOTES ON SCHEMATIC DIAGRAM can be found on page 5-1.

Figure 21 SCHEMATIC DIAGRAM (19/22)

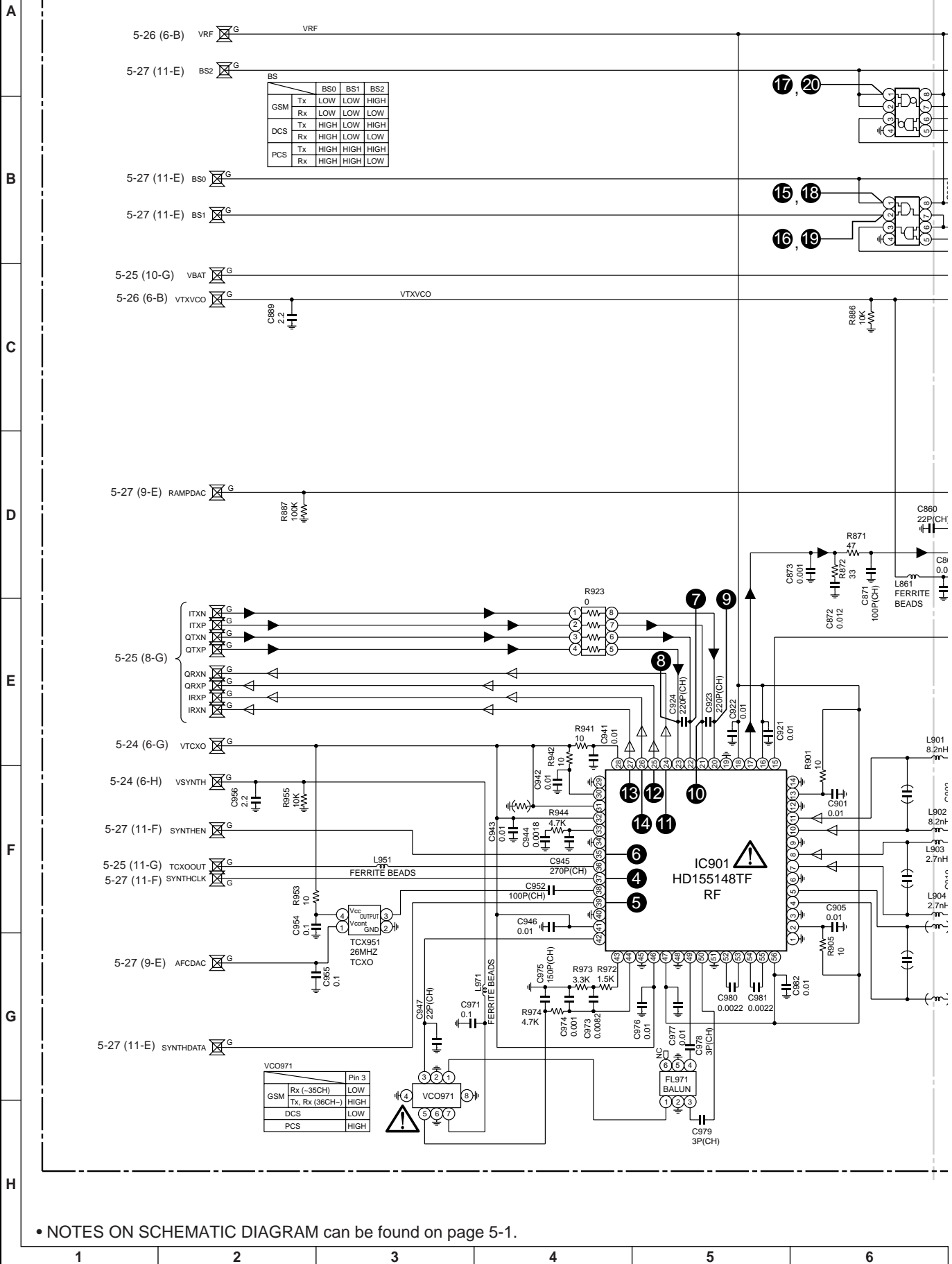


• The numbers 1 to 3 are waveform numbers shown in page 5-2.

7	8	9	10	11	12
---	---	---	----	----	----

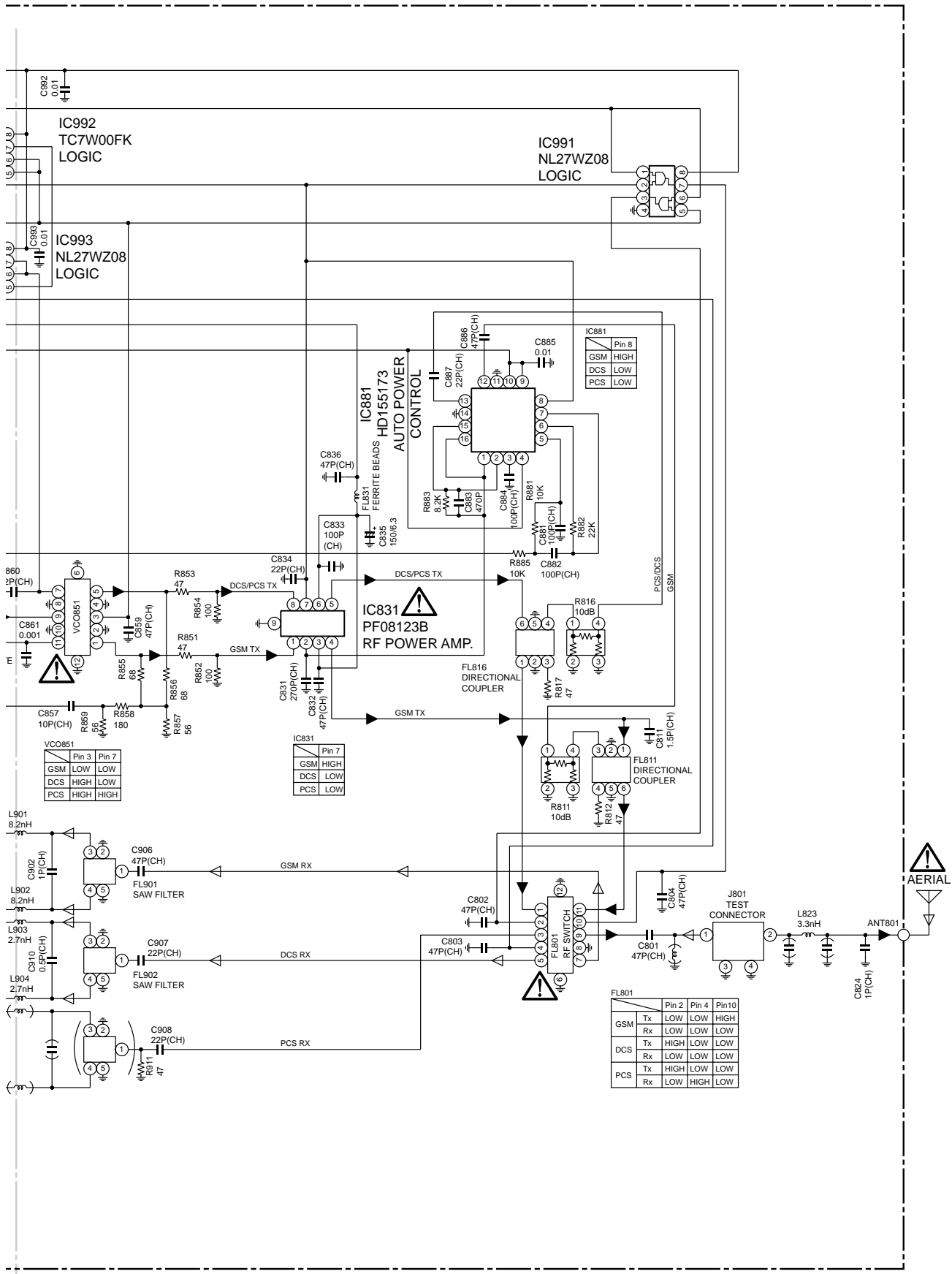
Figure 22 SCHEMATIC DIAGRAM (20/22)

KEY PWB-B(2/2)    ▷ RECEPTION SIGNAL    ▶ TRANSMISSION SIGNAL



• NOTES ON SCHEMATIC DIAGRAM can be found on page 5-1.

Figure 23 SCHEMATIC DIAGRAM (21/22)



• ( ) : Not Mount

• The numbers 4 to 20 are waveform numbers shown in pages 5-2 to 5-4.

7	8	9	10	11	12
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Figure 24 SCHEMATIC DIAGRAM (22/22)



KEY PWB-B (FRNT SIDE)

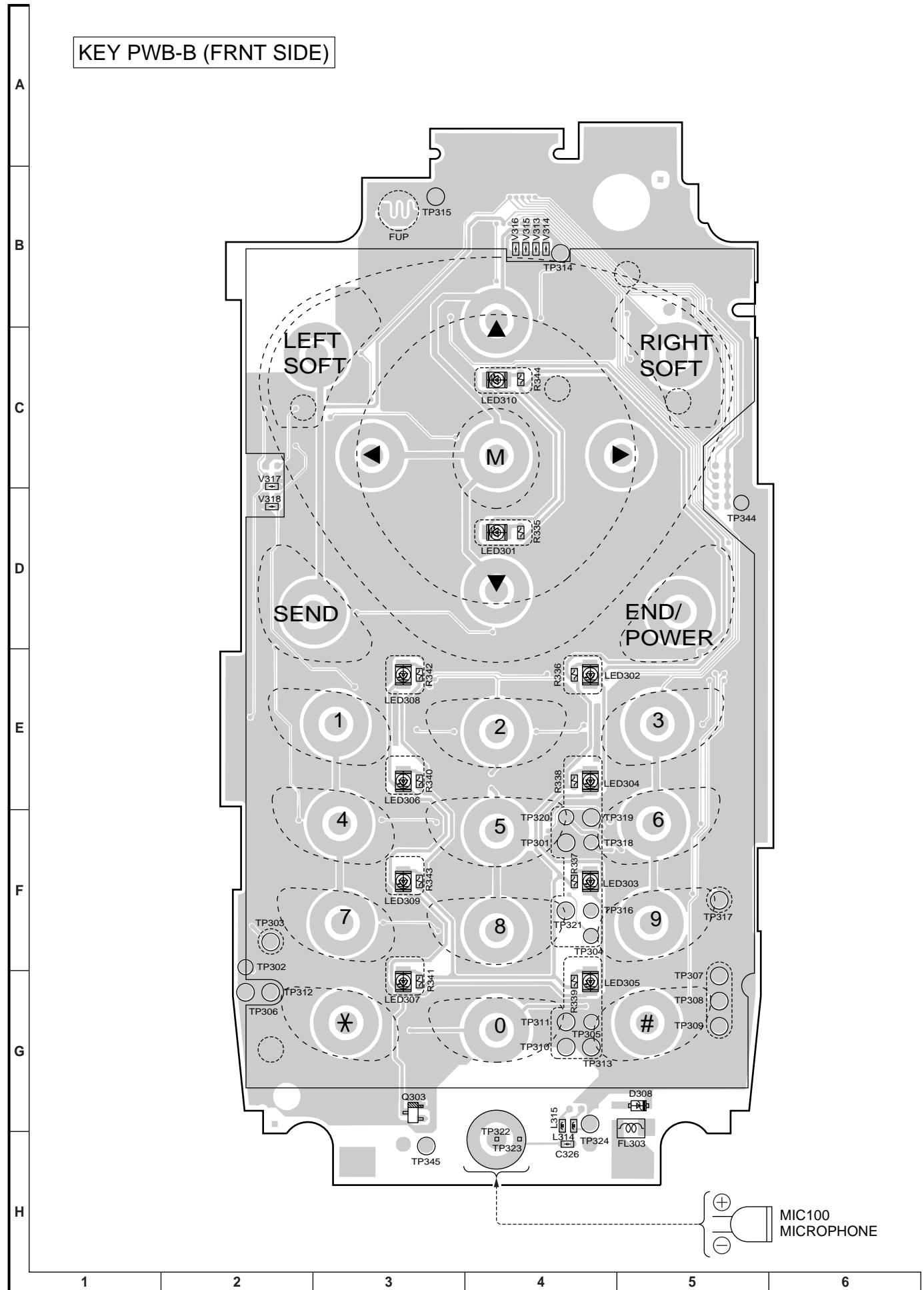
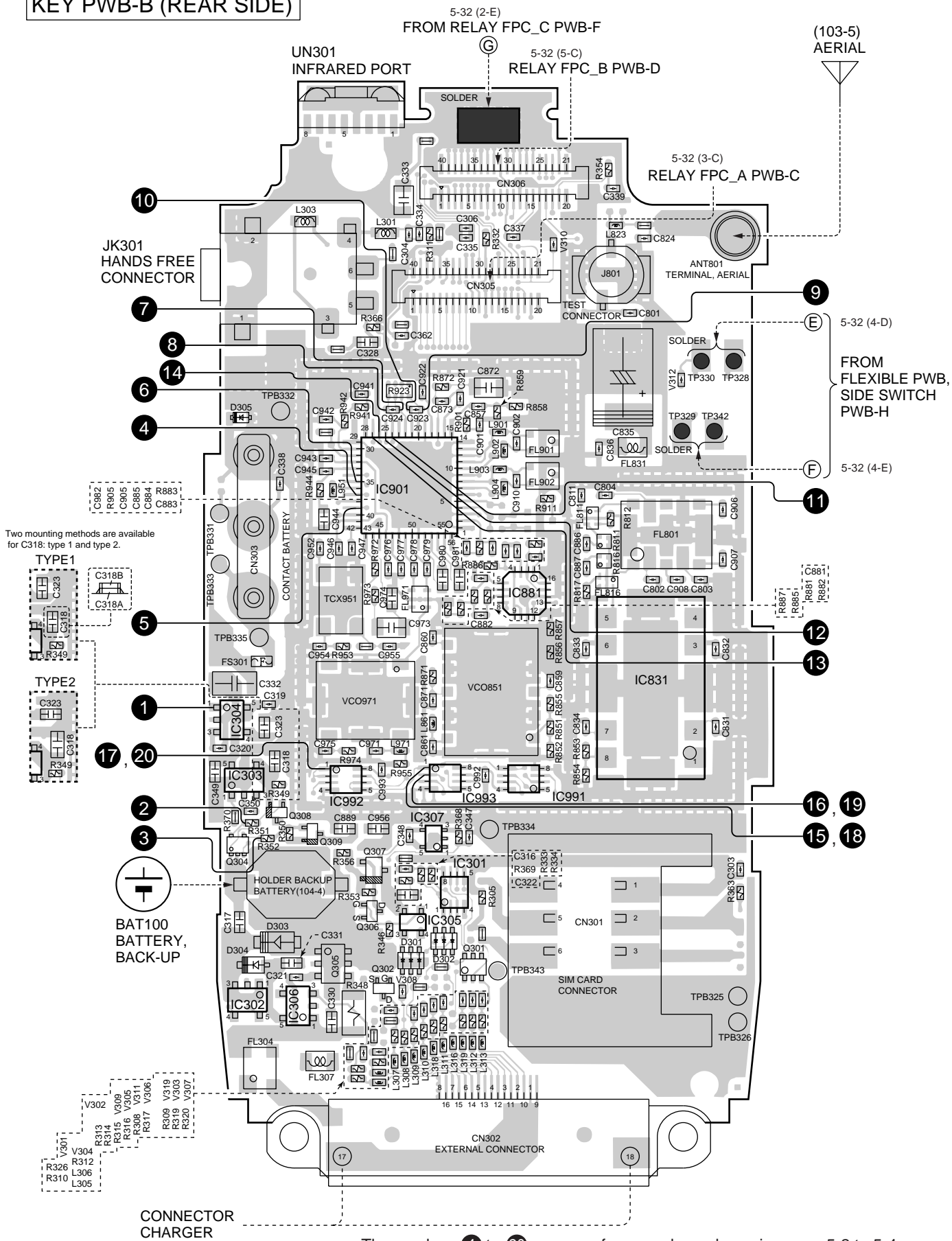


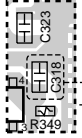
Figure 25 WIRING SIDE OF P.W.BOARD (3/5)

KEY PWB-B (REAR SIDE)

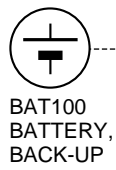


Two mounting methods are available for C318: type 1 and type 2.

TYPE1



TYPE2



BAT100 BATTERY, BACK-UP

• The numbers 1 to 20 are waveform numbers shown in pages 5-2 to 5-4.

7	8	9	10	11	12
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Figure 26 WIRING SIDE OF P.W.BOARD (4/5)

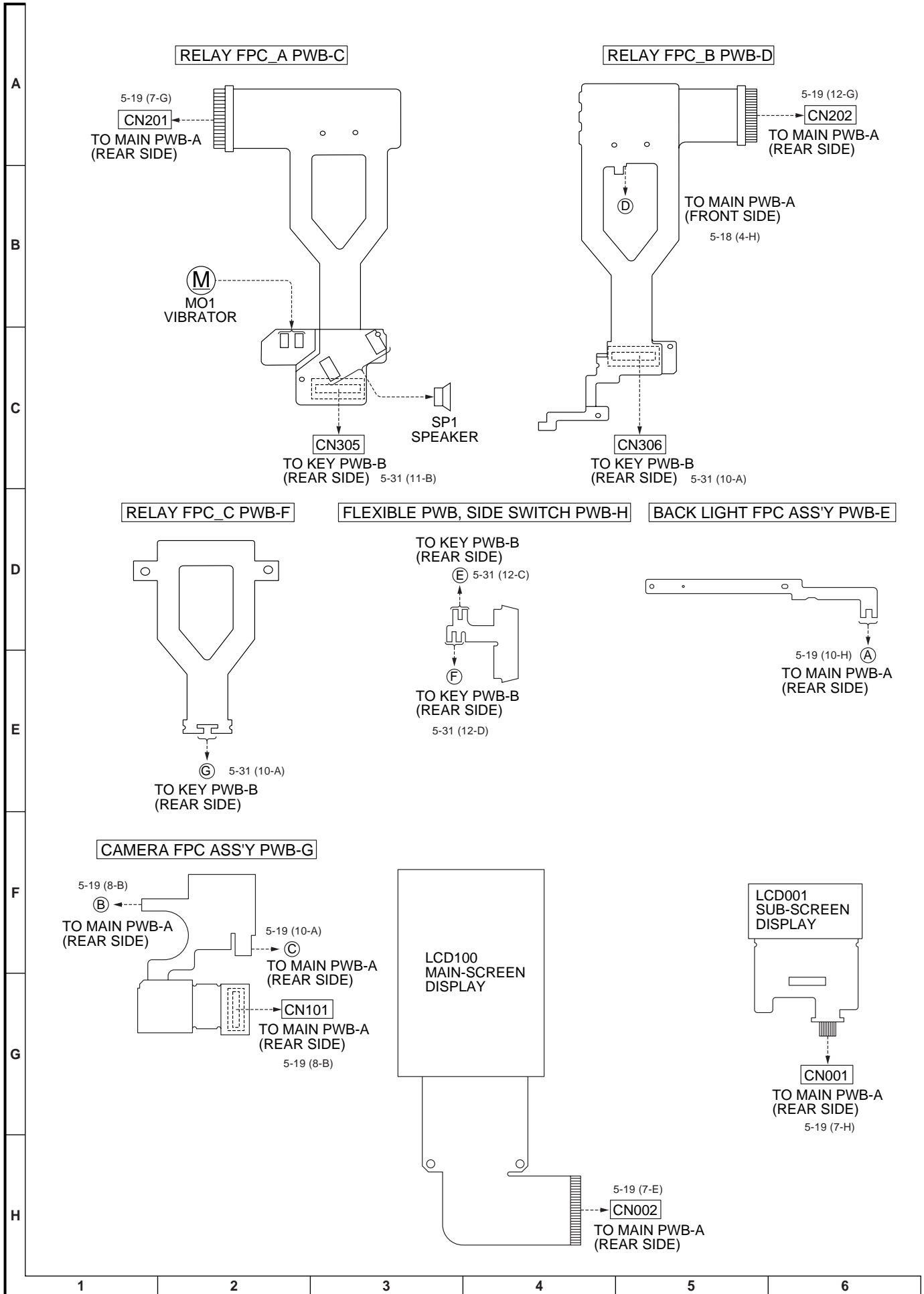


Figure 27 WIRING SIDE OF P.W.BOARD (5/5)