KENWOOD

SCHEMATIC DIAGRAMS

GPS NAVIGATION SYSTEM/MONITOR WITH RECEIVER

DMX1037S DMX1057XR DMX9720XDS
DMX9720XS DNR1007XR

■ PRECAUTIONS ON SCHEMATIC DIAGRAMS

- Due to the improvement in performance, some part numbers shown in the circuit diagrams may not agree with those indicated in the Parts List.
- The parts numbers, values and rated voltage etc. in the Schematic Diagrams are for reference only.
- Since the circuit diagrams are standard ones, the circuits and circuit constants may be subject to change for improvement without any notice.

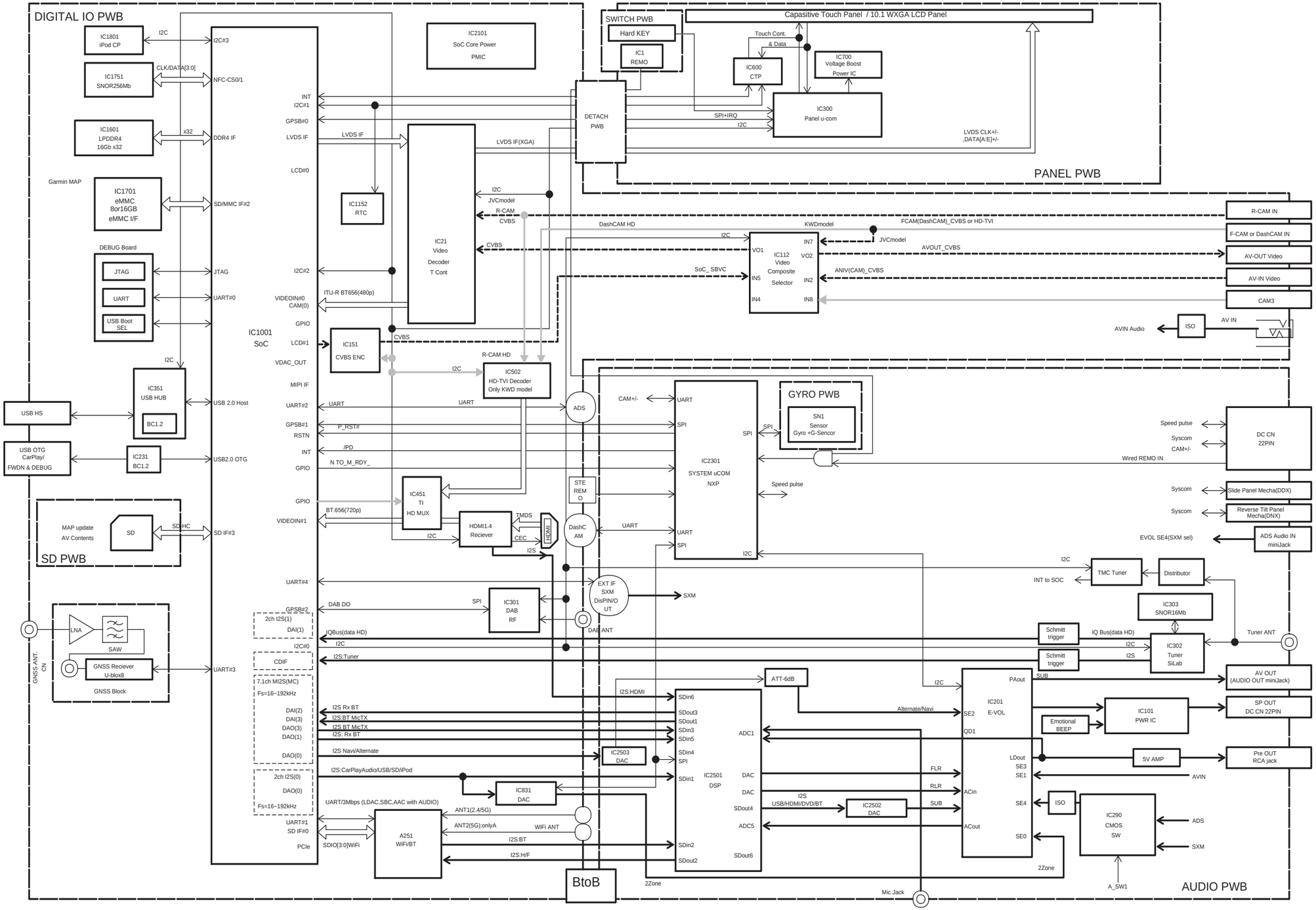
■ PRECAUTIONS ON PARTS LIST

- The parts identified by the ⚠ symbol are critical for safety. Whenever replacing these parts, be sure to use specified ones to secure the safety.
- The parts not indicated in this Parts List and those which are filled with lines --- in the Parts No. columns will not be supplied.
- P.W. BOARD Ass'y will not be supplied, but those which are filled with the Parts No. in the Parts No. columns will be supplied.
- There are cases where the actual implemented parts in the sets and the service parts are different. When ordering parts, make sure to refer to the Parts List.

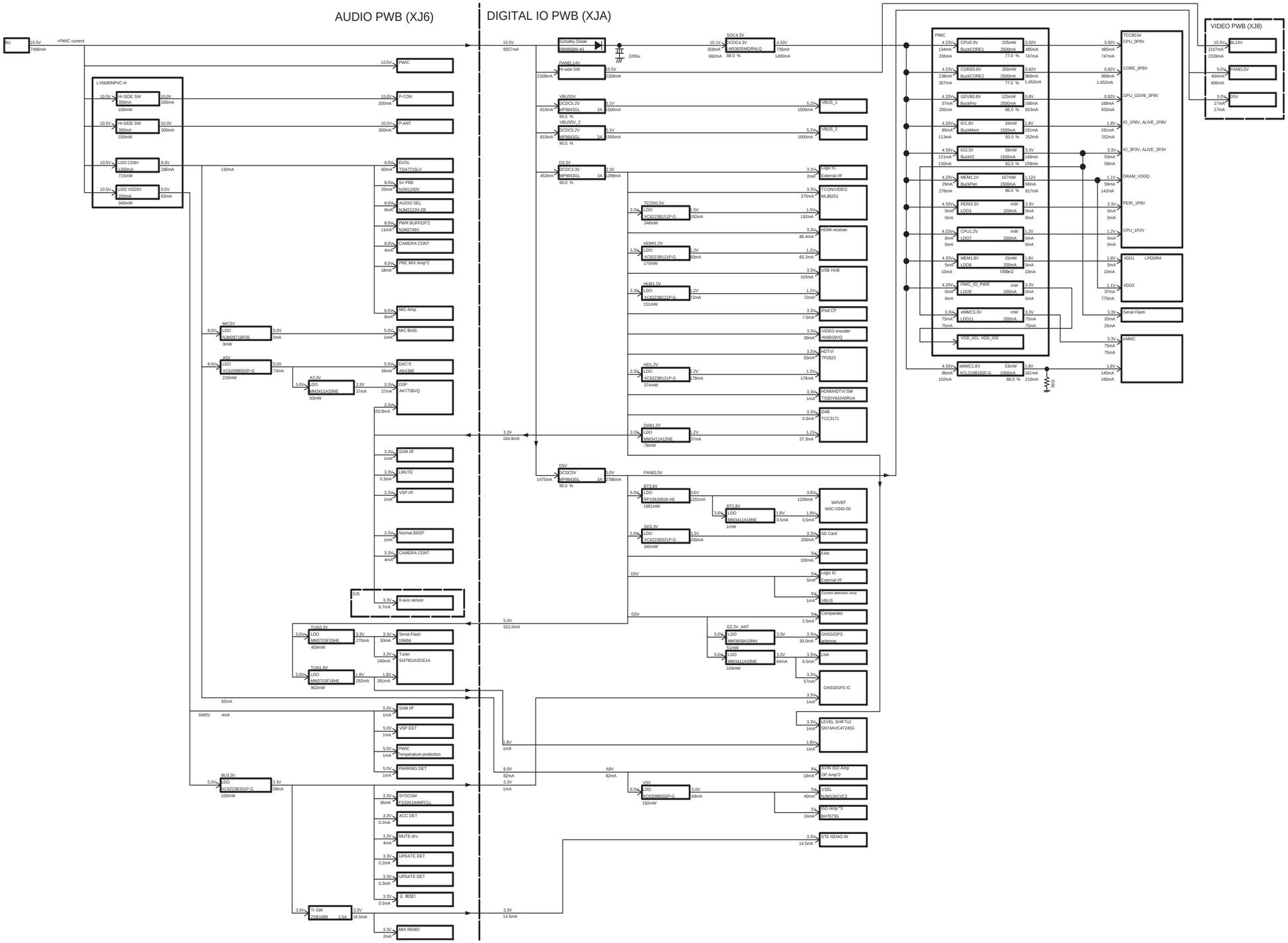
■ DEVIATION TOLERANCE RANGE

DEVIATION TOLERANCE RANGE									
F	G	J	K	M	N	R	H	Z	P
± 1%	± 2%	± 5%	±10%	±20%	±30%	+30% -10%	+50% -10%	+80% -20%	+100% -0%

BLOCK DIAGRAM

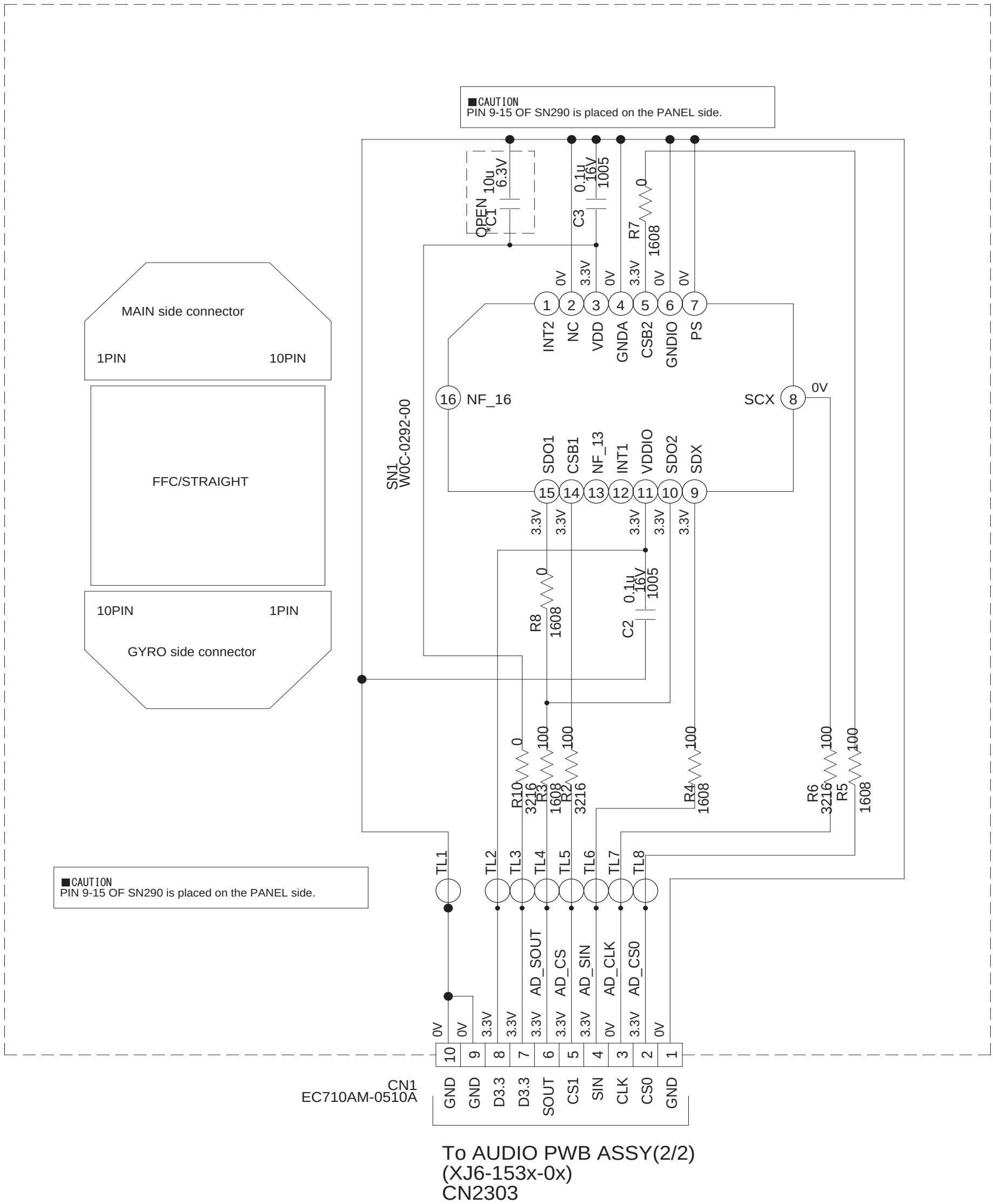


POWER SUPPLY CONFIGURATION DIAGRAM



GYRO PWB ASSY (XJ5-009J-00)

Note : The Parts Number, value and rated voltage etc. in the Schematic Diagram are for references only.
When replacing the parts, refer to the Parts List.

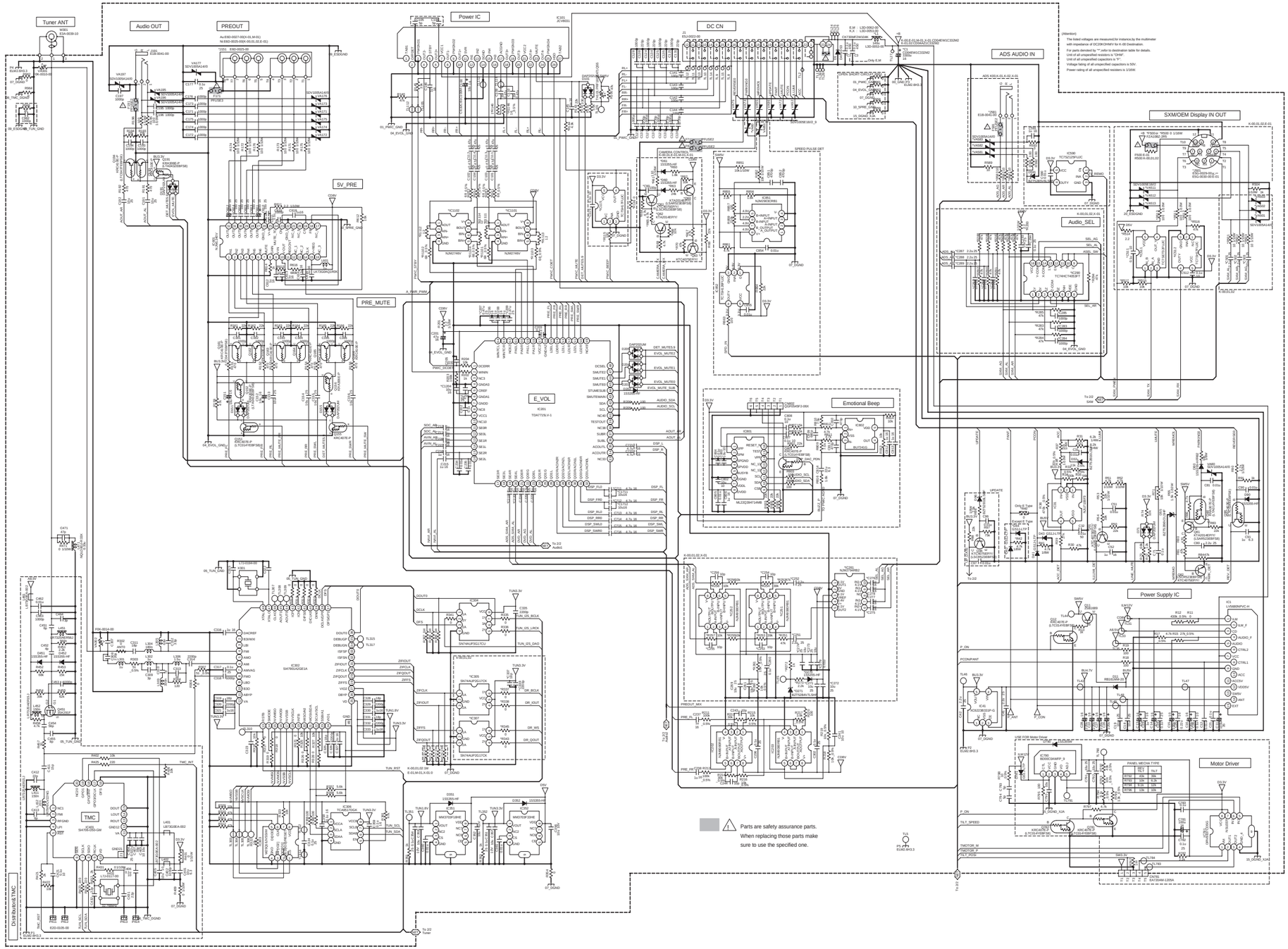


No.WA459

created date:2020-08-28

AUDIO PWB ASSY(1/2) (XJ6-153x-0x)

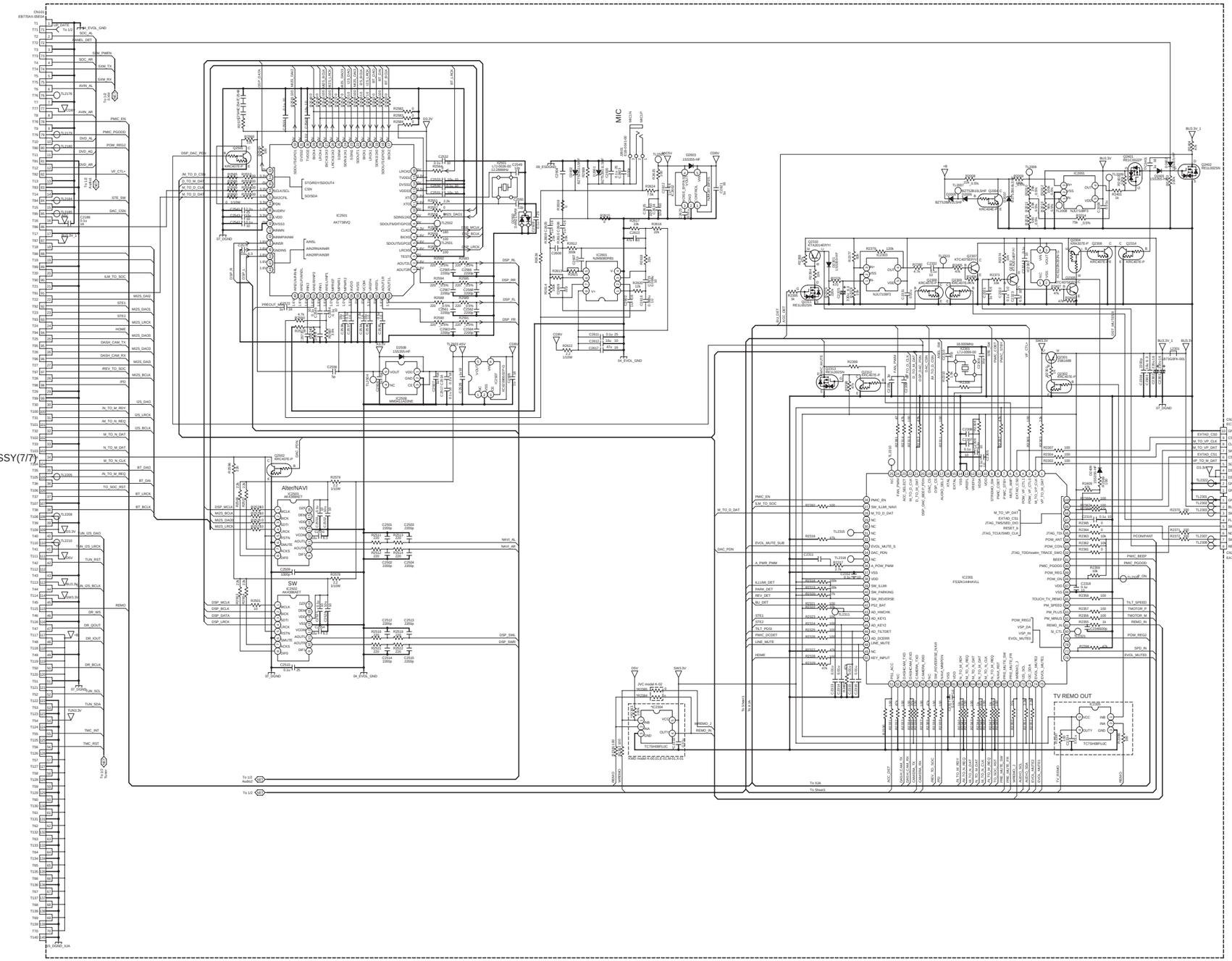
Note : The Parts Number, value and rated voltage etc. in the Schematic Diagram are for references only.
When replacing the parts, refer to the Parts List.



AUDIO PWB ASSY(2/2) (XJ6-153x-0x)

Note : The Parts Number, value and rated voltage etc. in the Schematic Diagram are for references only.
When replacing the parts, refer to the Parts List.

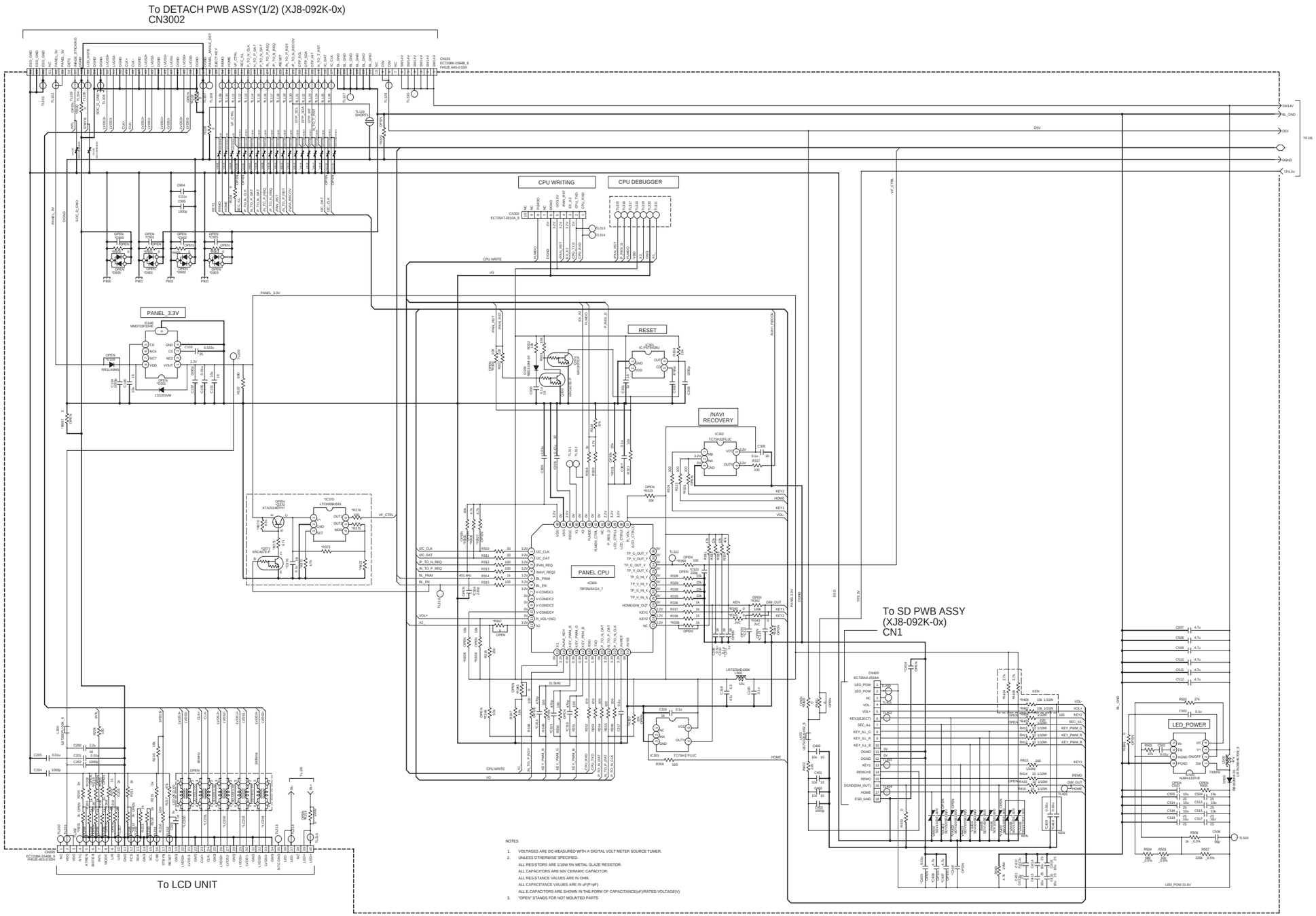
To DIGITAL IO PWB ASSY(7/7)
(XJA-080x-0x)
CN601



To GYRO PWB ASSY
(XJ5-009J-00)
CN1

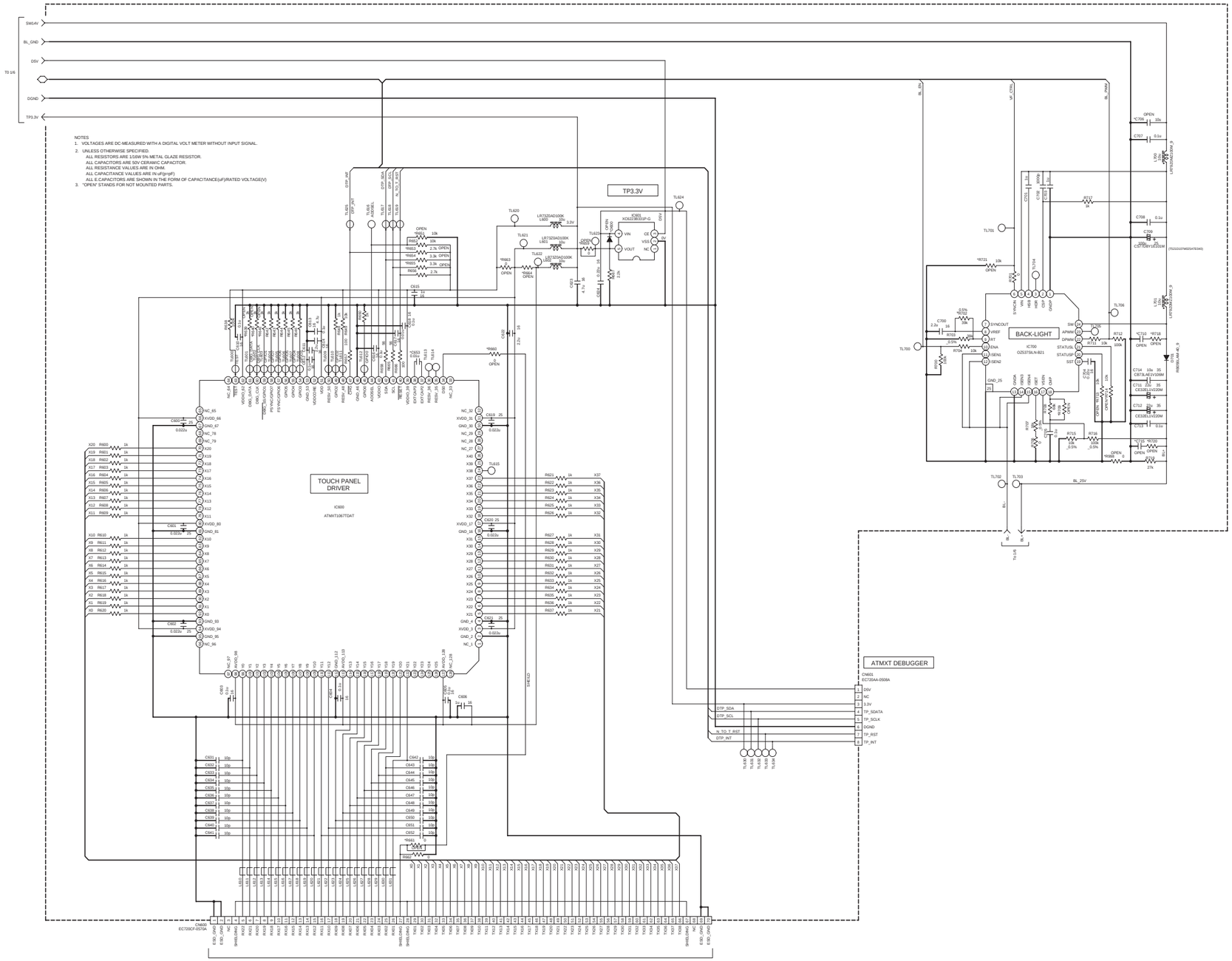
PANEL PWB ASSY(1/2) (XJ8-092K-0x)

Note : The Parts Number, value and rated voltage etc. in the Schematic Diagram are for references only.
When replacing the parts, refer to the Parts List.



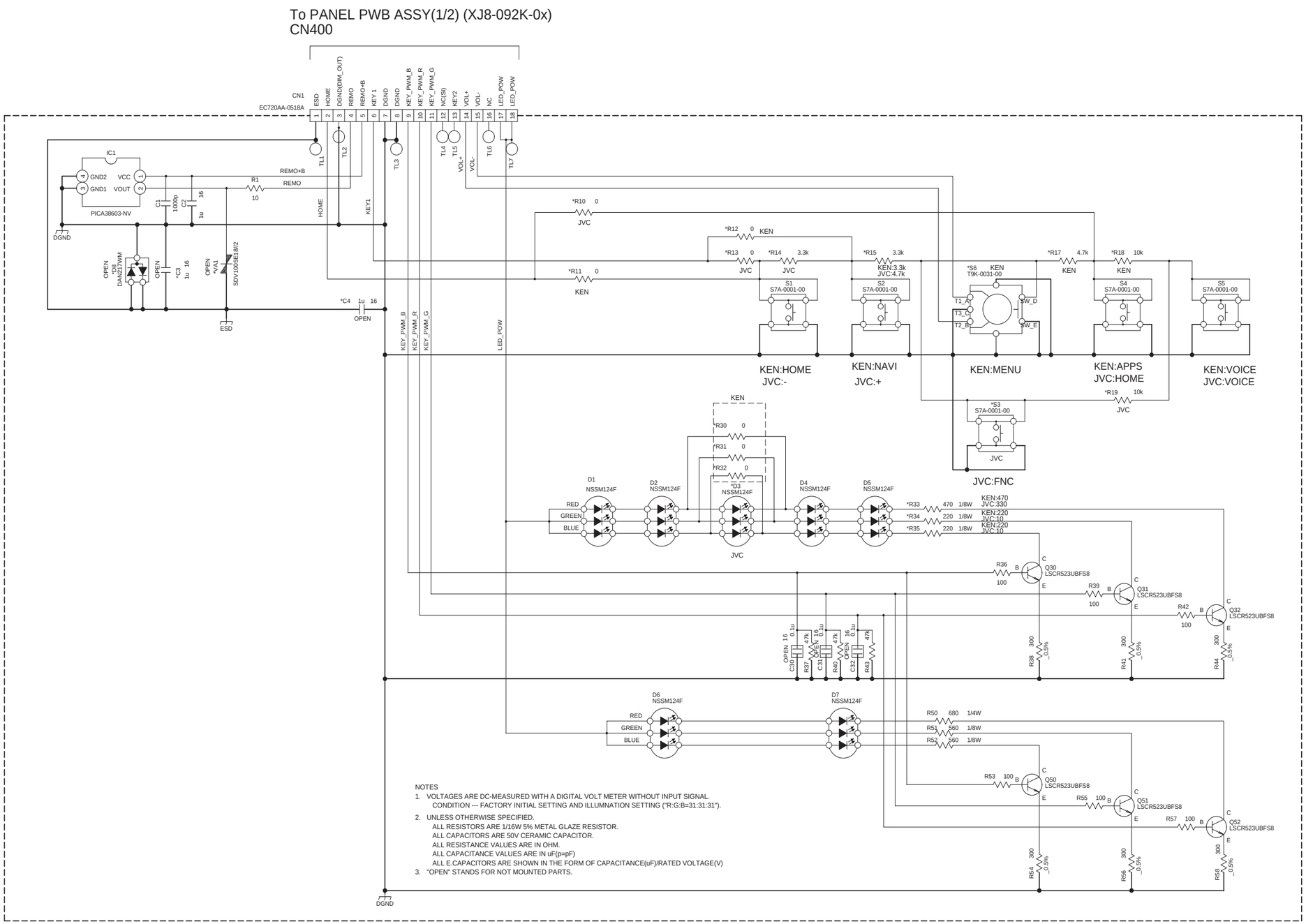
PANEL PWB ASSY(2/2) (XJ8-092K-0x)

Note : The Parts Number, value and rated voltage etc. in the Schematic Diagram are for references only.
When replacing the parts, refer to the Parts List.



SW PWB ASSY (XJ8-092K-0x)

Note : The Parts Number, value and rated voltage etc. in the Schematic Diagram are for references only.
When replacing the parts, refer to the Parts List.

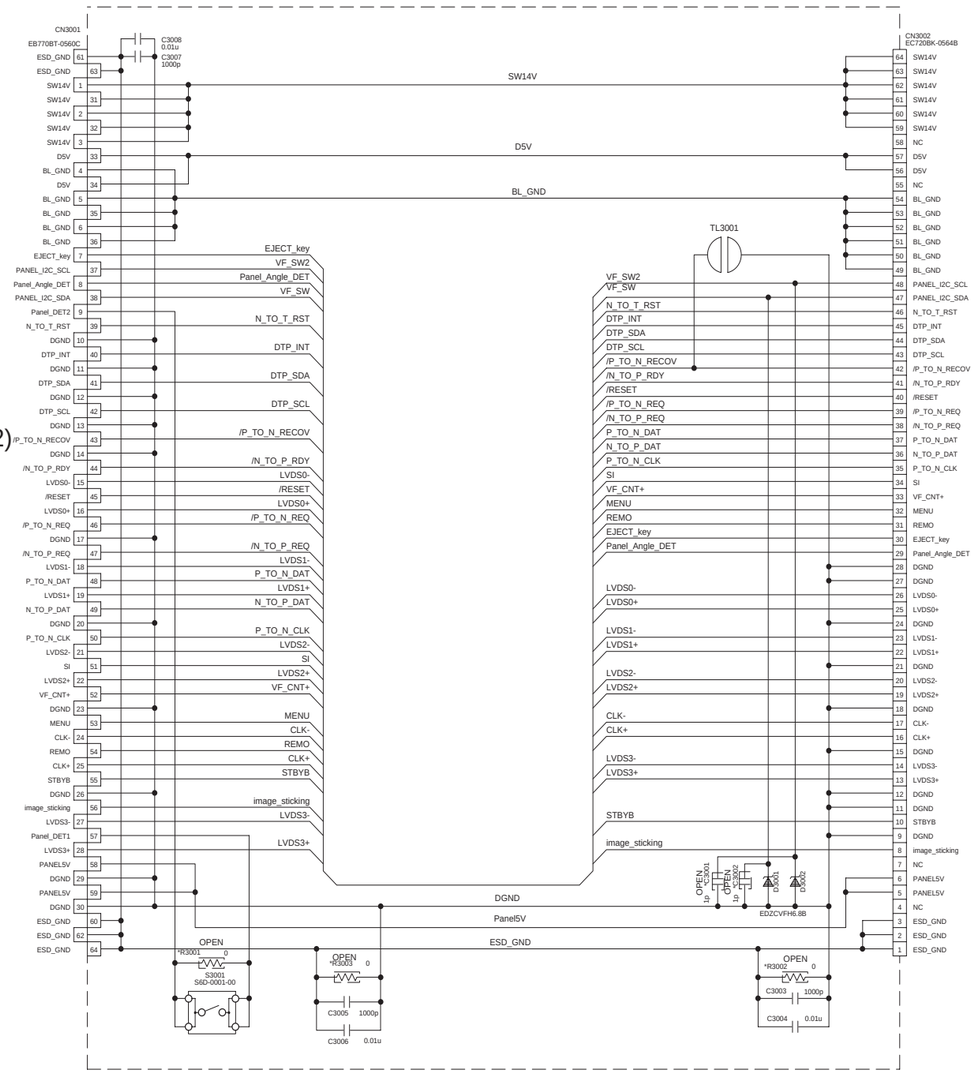


NOTES
1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER WITHOUT INPUT SIGNAL.
   CONDITION --- FACTORY INITIAL SETTING AND ILLUMNATION SETTING ("R:G:B=31:31:31").
2. UNLESS OTHERWISE SPECIFIED.
   ALL RESISTORS ARE 1/16W 5% METAL GLAZE RESISTOR.
   ALL CAPACITORS ARE 50V CERAMIC CAPACITOR.
   ALL RESISTANCE VALUES ARE IN OHM.
   ALL CAPACITANCE VALUES ARE IN uF(p=pF)
   ALL E.CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE(uF)/RATED VOLTAGE(V)
3. "OPEN" STANDS FOR NOT MOUNTED PARTS.

DETACH PWB ASSY(1/2) (XJ8-092K-0x)

Note : The Parts Number, value and rated voltage etc. in the Schematic Diagram are for references only.
When replacing the parts, refer to the Parts List.

To DETACH PWB ASSY(2/2)
(XJ8-092K-0x)
CN4000



To PANEL PWB ASSY(1/2)
(XJ8-092K-0x)
CN100

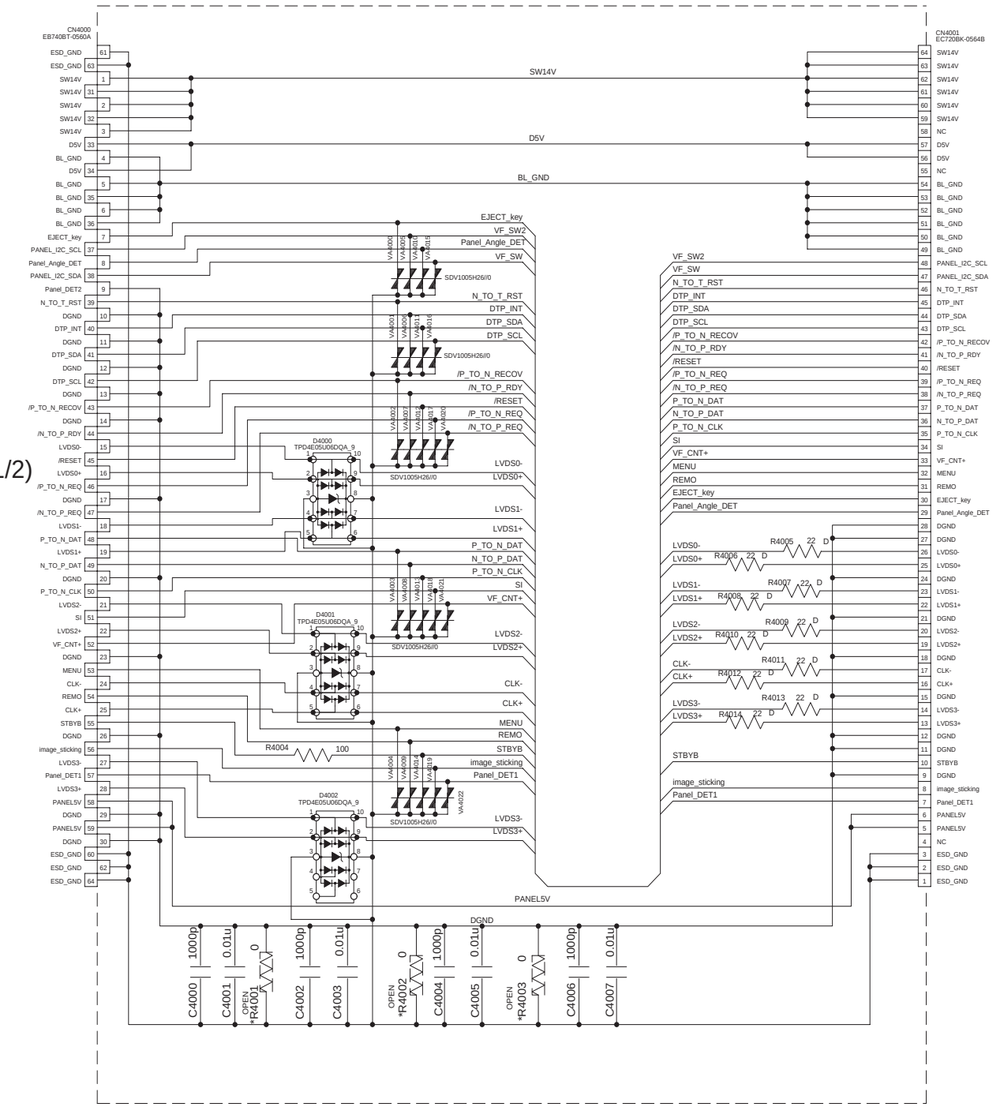
NOTES

1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER WITHOUT INPUT SIGNAL.
2. UNLESS OTHERWISE SPECIFIED.
   ALL RESISTORS ARE 1/16W 5% METAL GLAZE RESISTOR.
   ALL CAPACITORS ARE 50V CERAMIC CAPACITOR.
   ALL RESISTANCE VALUES ARE IN OHM.
   ALL CAPACITANCE VALUES ARE IN uF(p=pF)
3. "OPEN" STANDS FOR NOT MOUNTED PARTS.

DETACH PWB ASSY(2/2) (XJ8-092K-0x)

Note : The Parts Number, value and rated voltage etc. in the Schematic Diagram are for references only.
When replacing the parts, refer to the Parts List.

ToDETACH PWB ASSY(1/2)
(XJ8-092K-0x)
CN3001



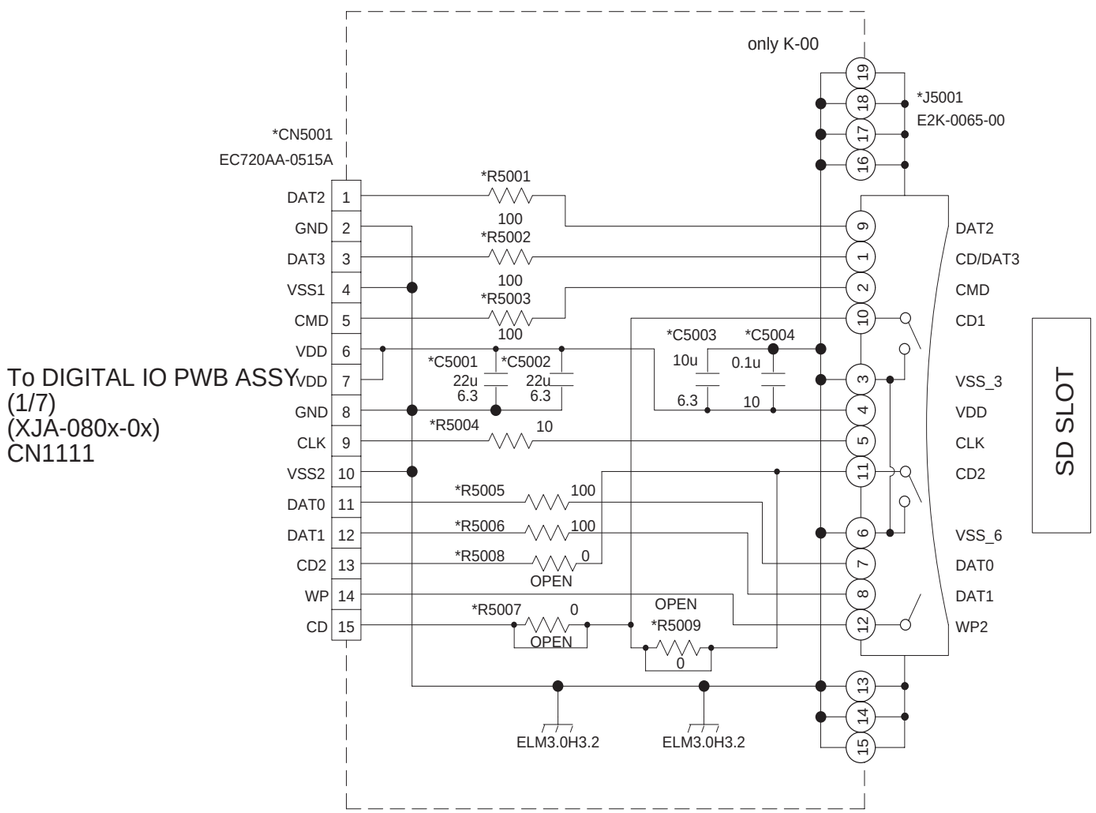
To DIGITAL IO PWB ASSY(4/7)
(XJA-080x-0x)
CN1

NOTES

1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER WITHOUT INPUT SIGNAL.
2. UNLESS OTHERWISE SPECIFIED.
   ALL RESISTORS ARE 1/16W 5% METAL GLAZE RESISTOR.
   ALL CAPACITORS ARE 50V CERAMIC CAPACITOR.
   ALL RESISTANCE VALUES ARE IN OHM.
   ALL CAPACITANCE VALUES ARE IN uF(p=pF)
3. "OPEN" STANDS FOR NOT MOUNTED PARTS.

SD PWB ASSY (XJ8-092K-0x)

Note : The Parts Number, value and rated voltage etc. in the Schematic Diagram are for references only.
When replacing the parts, refer to the Parts List.

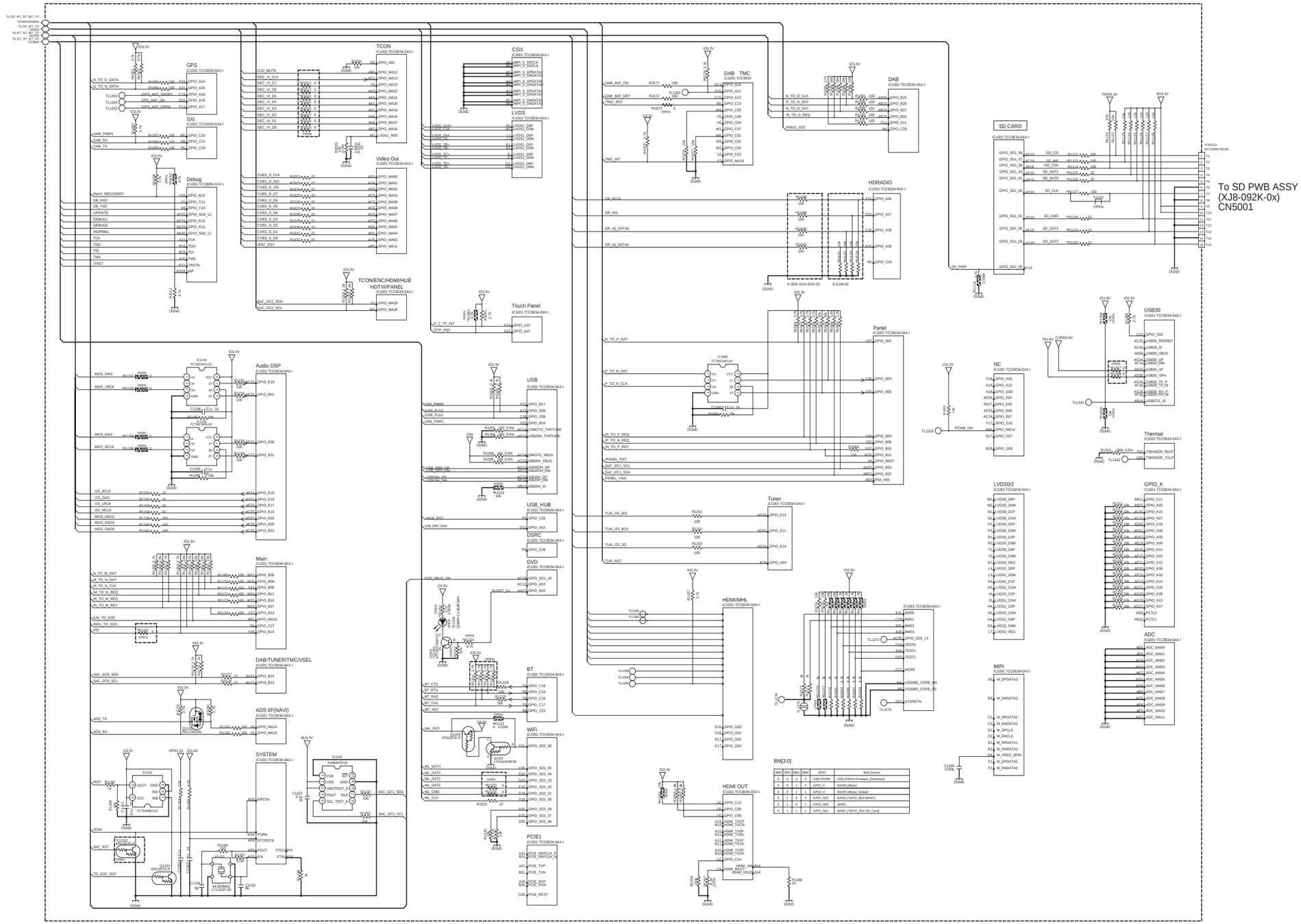


NOTES

1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER WITHOUT INPUT SIGNAL.
   CONDITION --- FACTORY INITIAL SETTING AND ILLUMNATION SETTING ("R:G:B=31:31:31").
2. UNLESS OTHERWISE SPECIFIED.
   ALL RESISTORS ARE 1/16W 5% METAL GLAZE RESISTOR.
   ALL CAPACITORS ARE 50V CERAMIC CAPACITOR.
   ALL RESISTANCE VALUES ARE IN OHM.
   ALL CAPACITANCE VALUES ARE IN uF(p=pF)
3. "OPEN" STANDS FOR NOT MOUNTED PARTS.

DIGITAL IO PWB ASSY(1/7) (XJA-080x-0x)

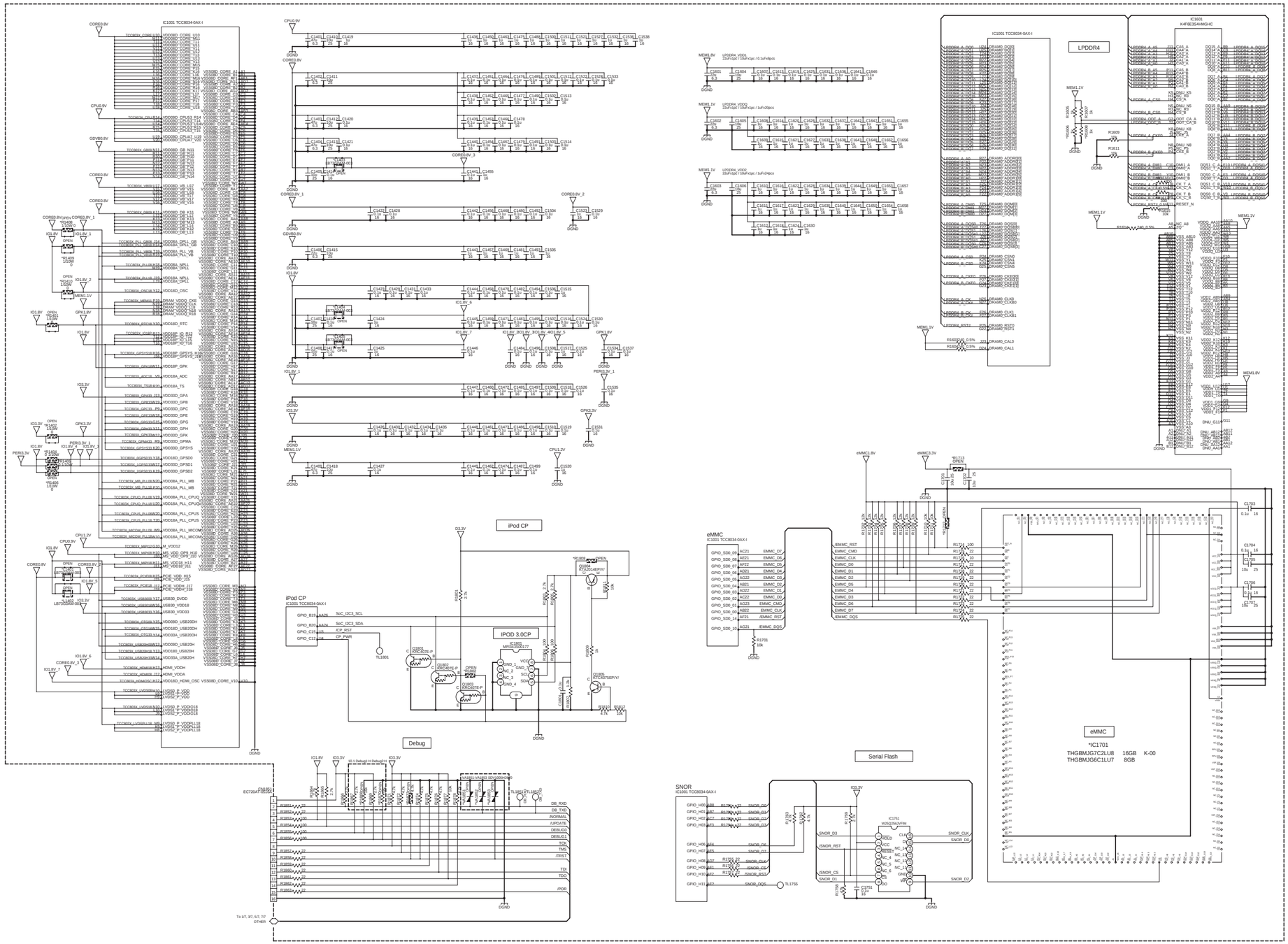
Note : The Parts Number, value and rated voltage etc. in the Schematic Diagram are for references only.
When replacing the parts, refer to the Parts List.



BM2	BM1	BM0	GPIO	Boot Device
0	0	0	0	USB (FWDN Firmware_Download)
0	0	1	0	GPIO_H SNOR (Mpyo)
0	0	1	1	GPIO_H SNOR (Mbuxo) Default
0	1	0	0	GPIO_SD0 NAND (TQPIO_SD0 eMMC)
0	1	0	1	GPIO_SD0 eMMC
0	1	1	1	GPIO_SD1 eMMC (TQPIO_SD1 SD_Card)

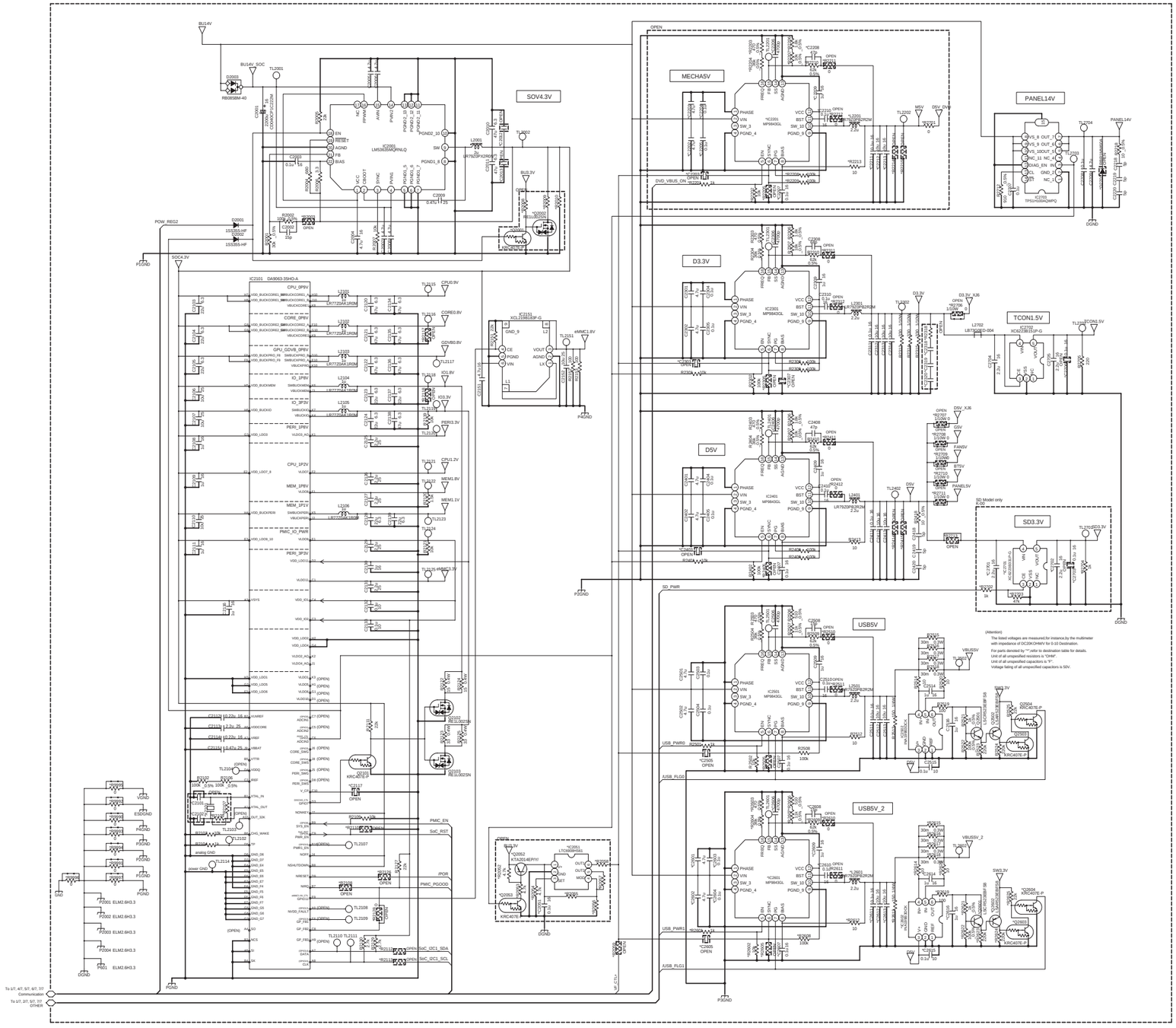
DIGITAL IO PWB ASSY(2/7) (XJA-080x-0x)

Note : The Parts Number, value and rated voltage etc. in the Schematic Diagram are for references only.
When replacing the parts, refer to the Parts List.



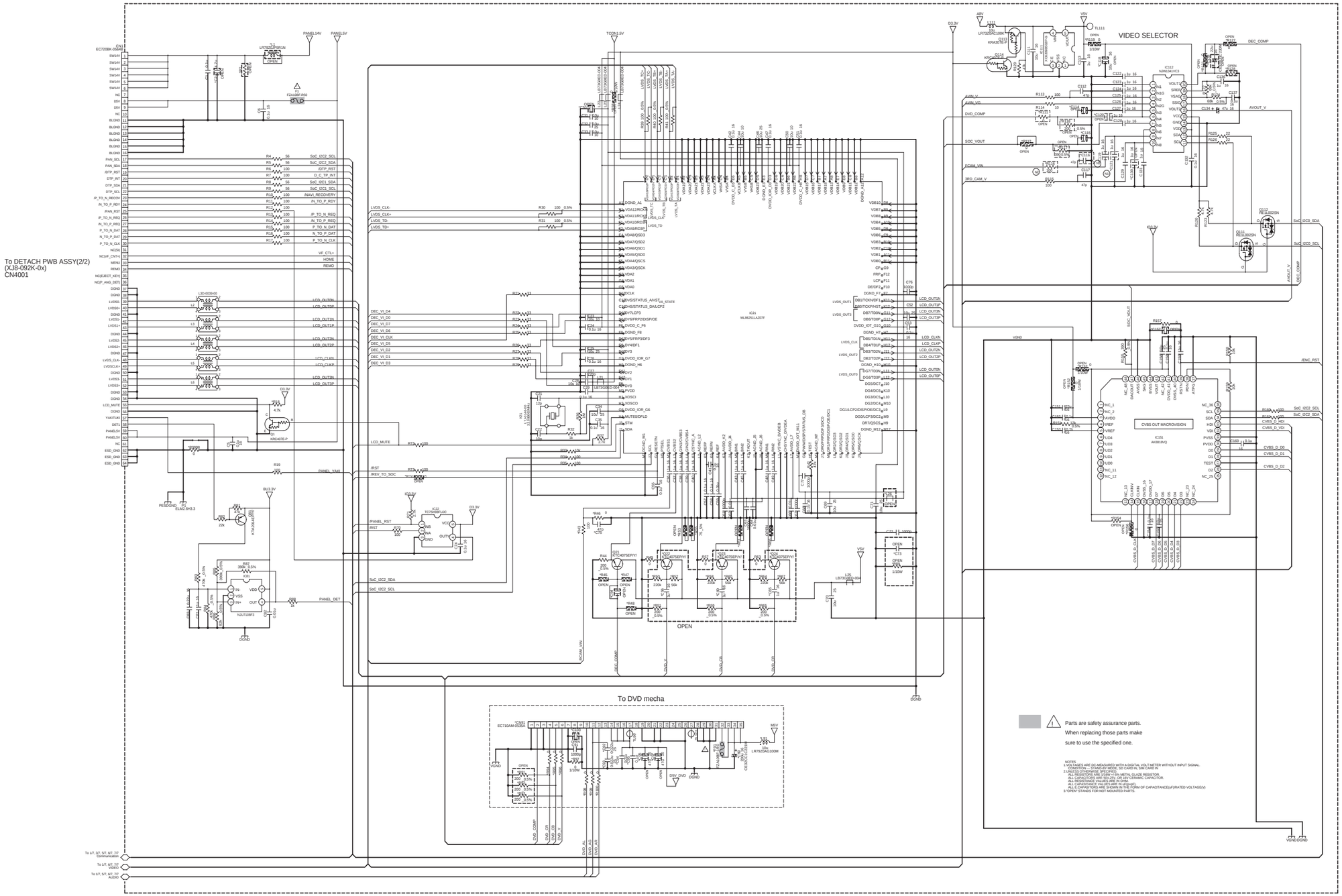
DIGITAL IO PWB ASSY(3/7) (XJA-080x-0x)

Note : The Parts Number, value and rated voltage etc. in the Schematic Diagram are for references only.
When replacing the parts, refer to the Parts List.



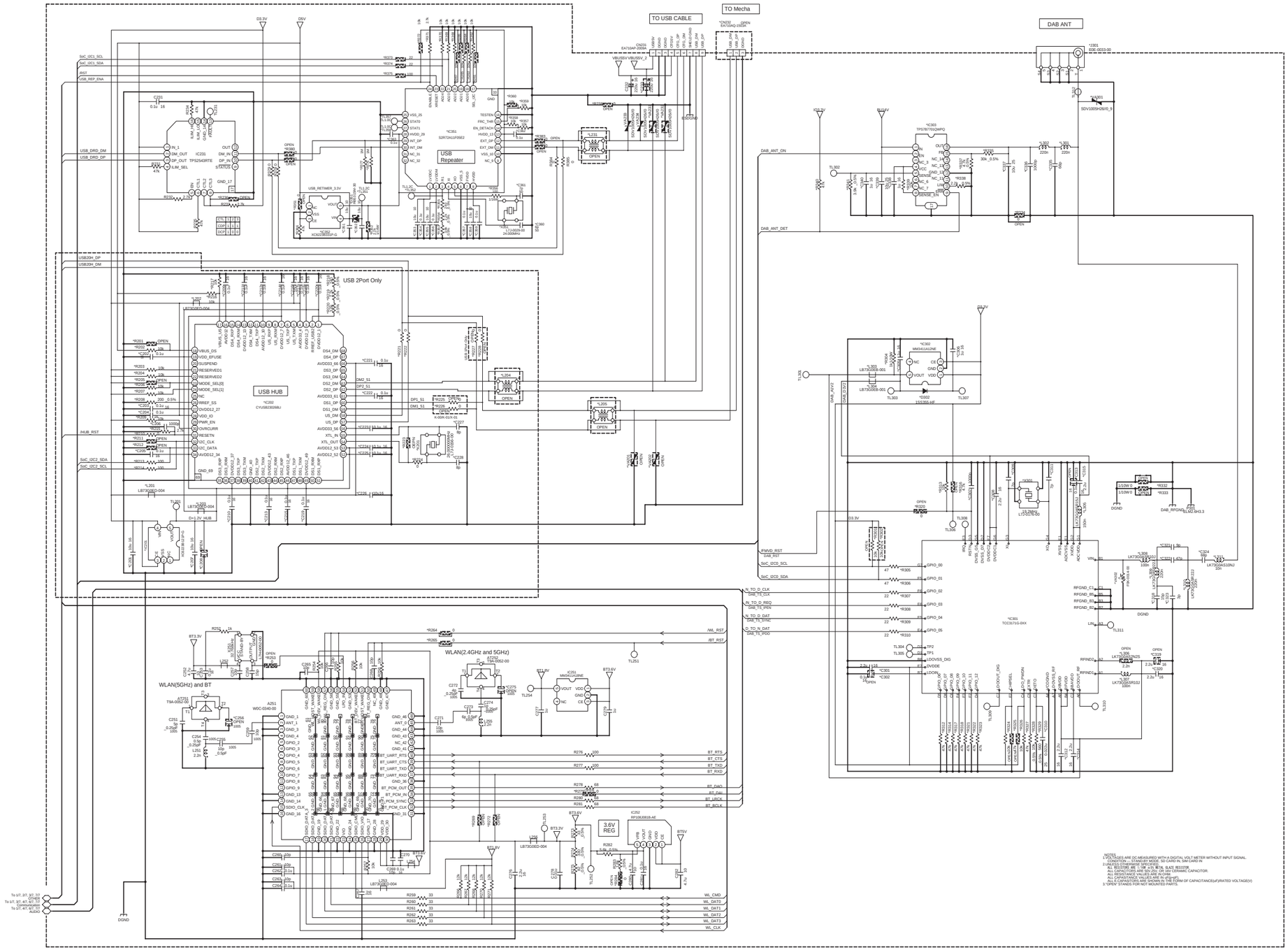
DIGITAL IO PWB ASSY(4/7) (XJA-080x-0x)

Note : The Parts Number, value and rated voltage etc. in the Schematic Diagram are for references only.
When replacing the parts, refer to the Parts List.



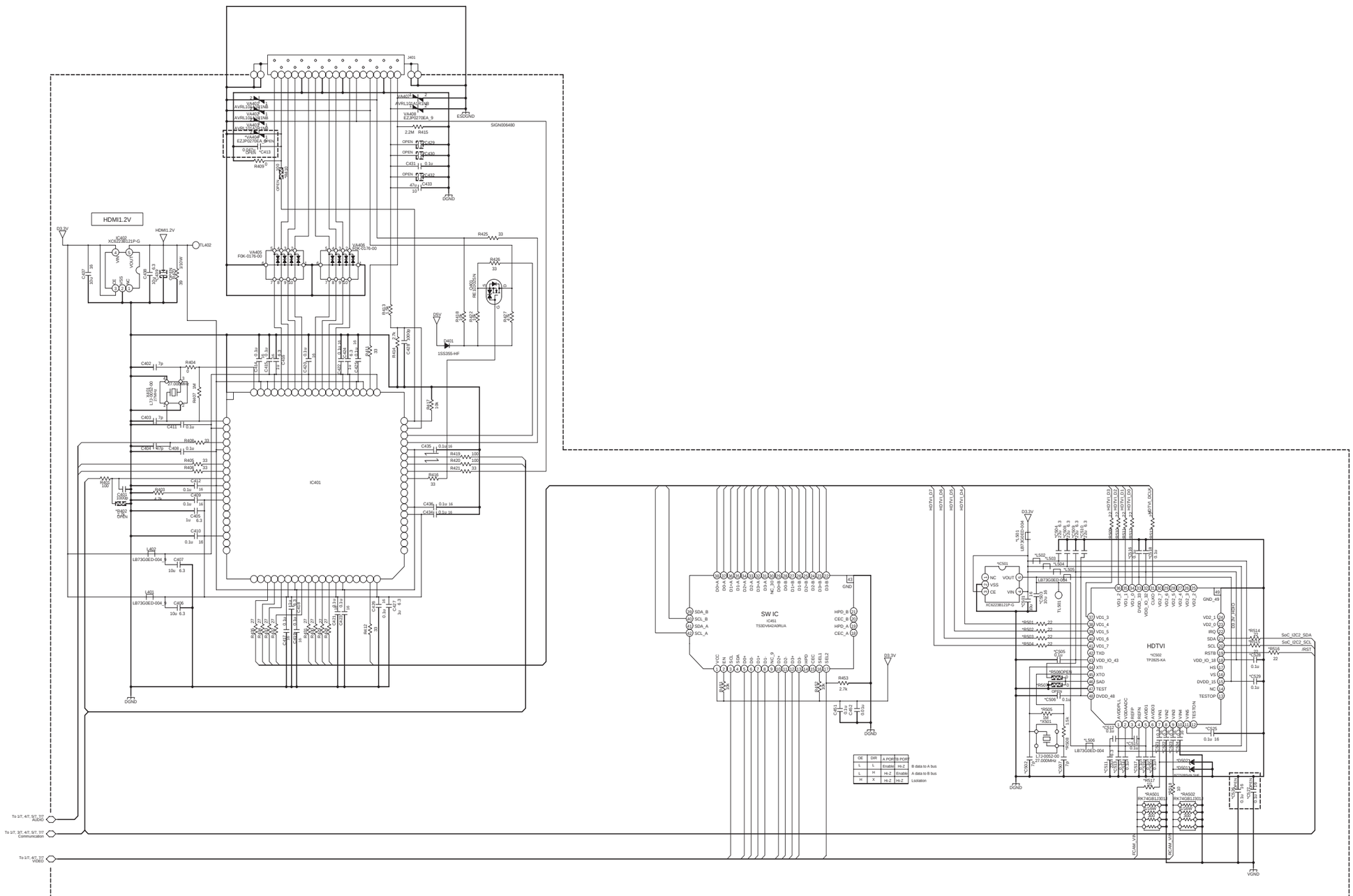
DIGITAL IO PWB ASSY(5/7) (XJA-080x-0x)

Note : The Parts Number, value and rated voltage etc. in the Schematic Diagram are for references only.
When replacing the parts, refer to the Parts List.



DIGITAL IO PWB ASSY(6/7) (XJA-080x-0x)

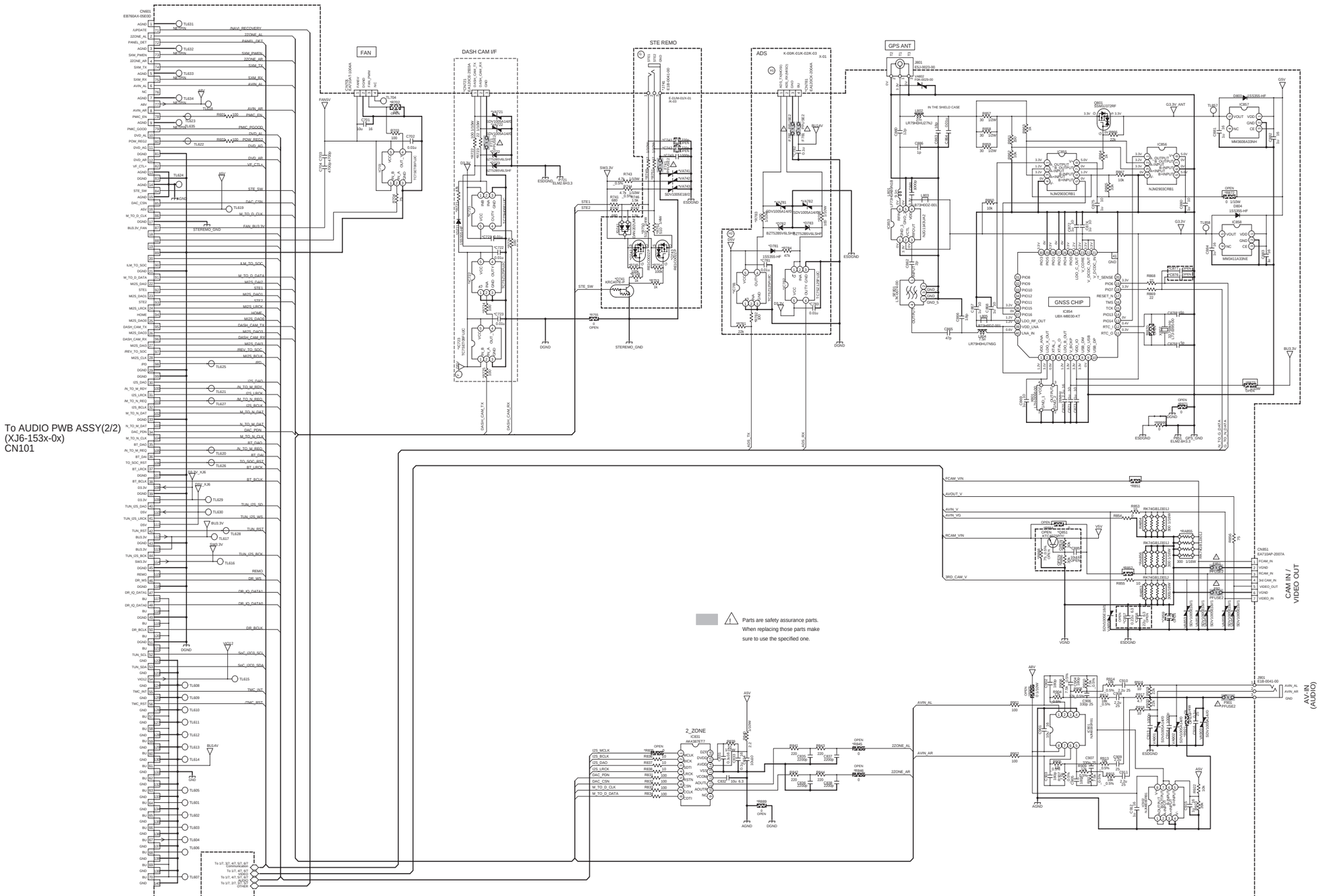
Note : The Parts Number, value and rated voltage etc. in the Schematic Diagram are for references only.
When replacing the parts, refer to the Parts List.



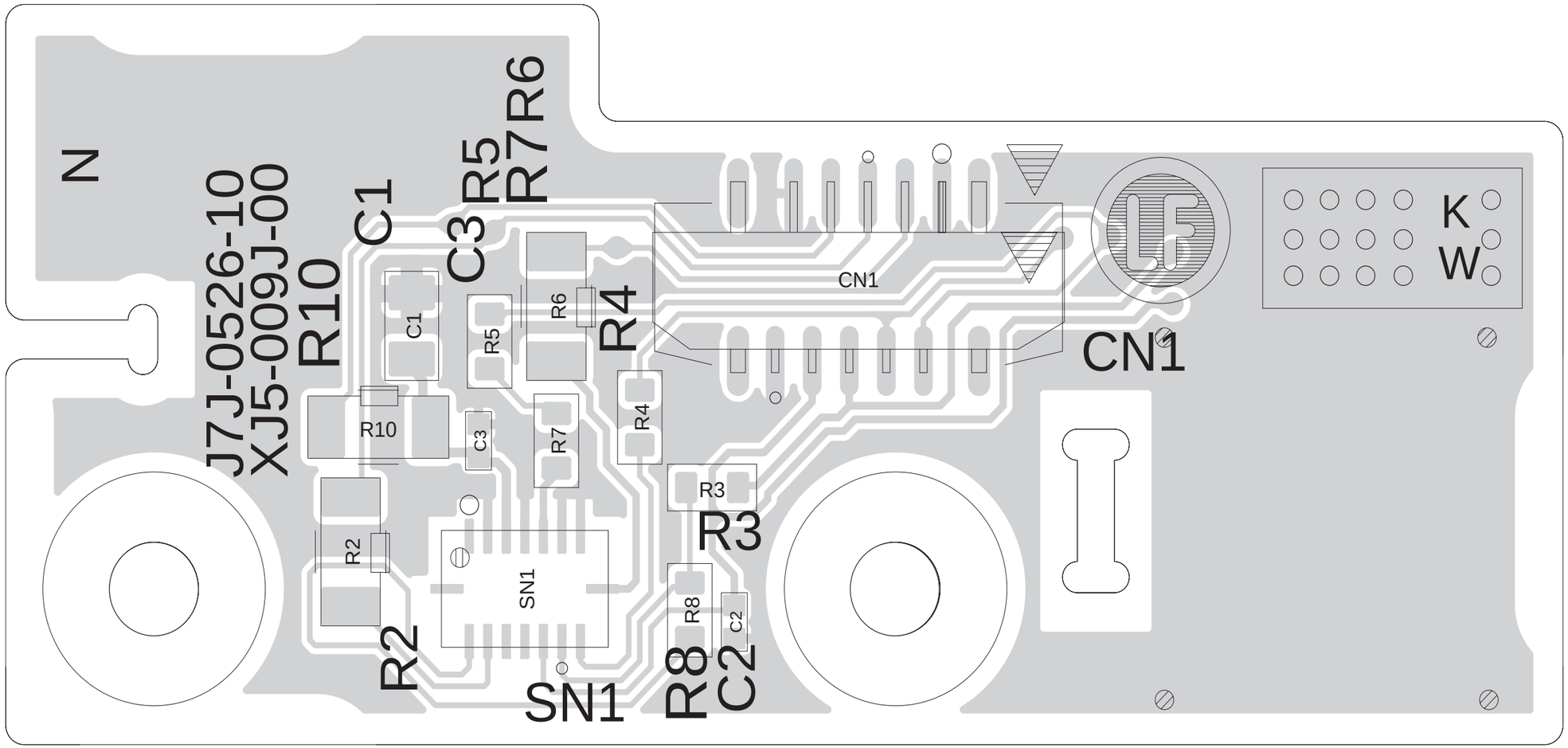
OE	DIR	A PORT	B PORT	
L	L	Enable	Hi-Z	B data to A bus
L	H	Hi-Z	Enable	A data to B bus
H	X	Hi-Z	Hi-Z	Isolation

DIGITAL IO PWB ASSY(7/7) (XJA-080x-0x)

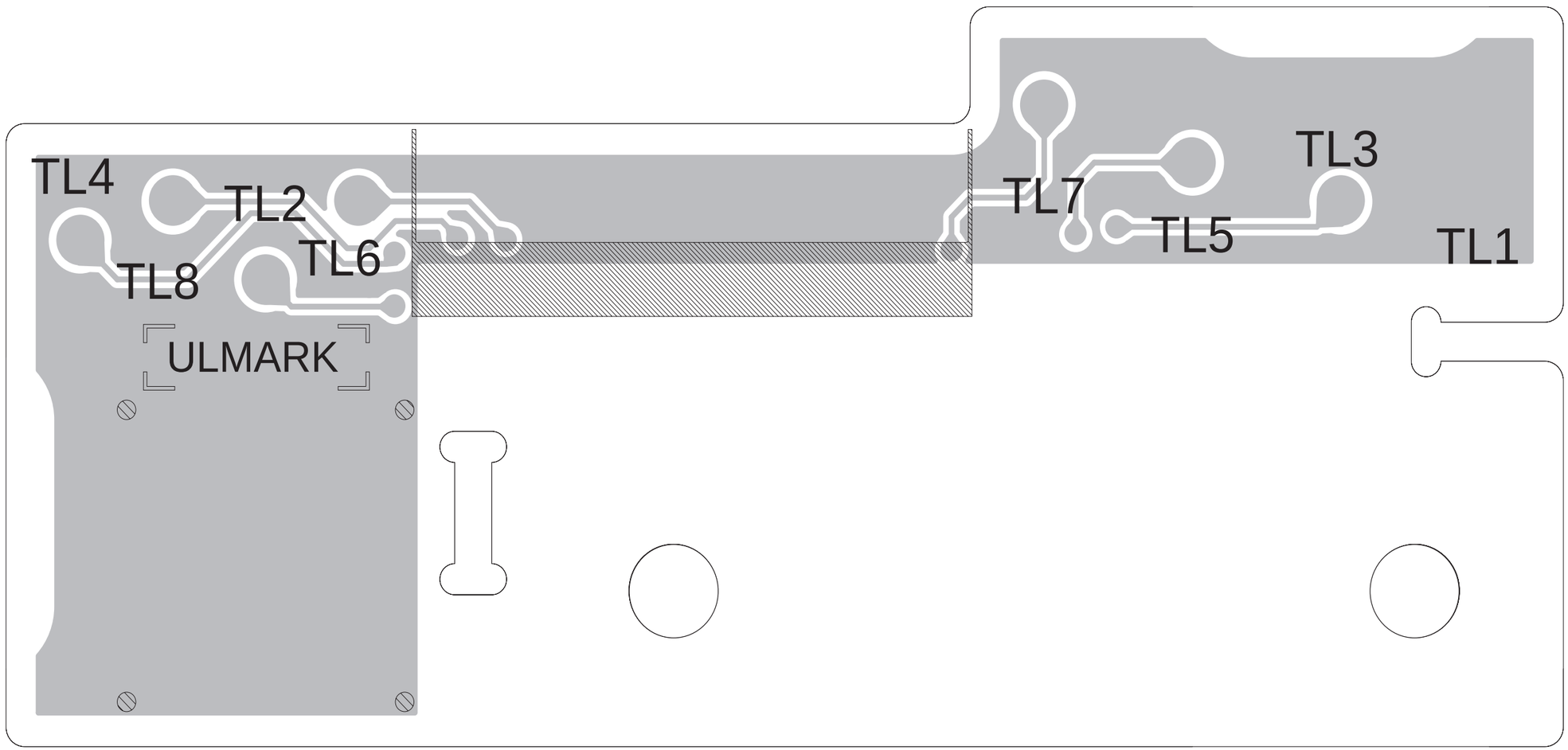
Note : The Parts Number, value and rated voltage etc. in the Schematic Diagram are for references only.
When replacing the parts, refer to the Parts List.



GYRO PWB ASSY XJ5-009J-00 (J7J-0526-10)

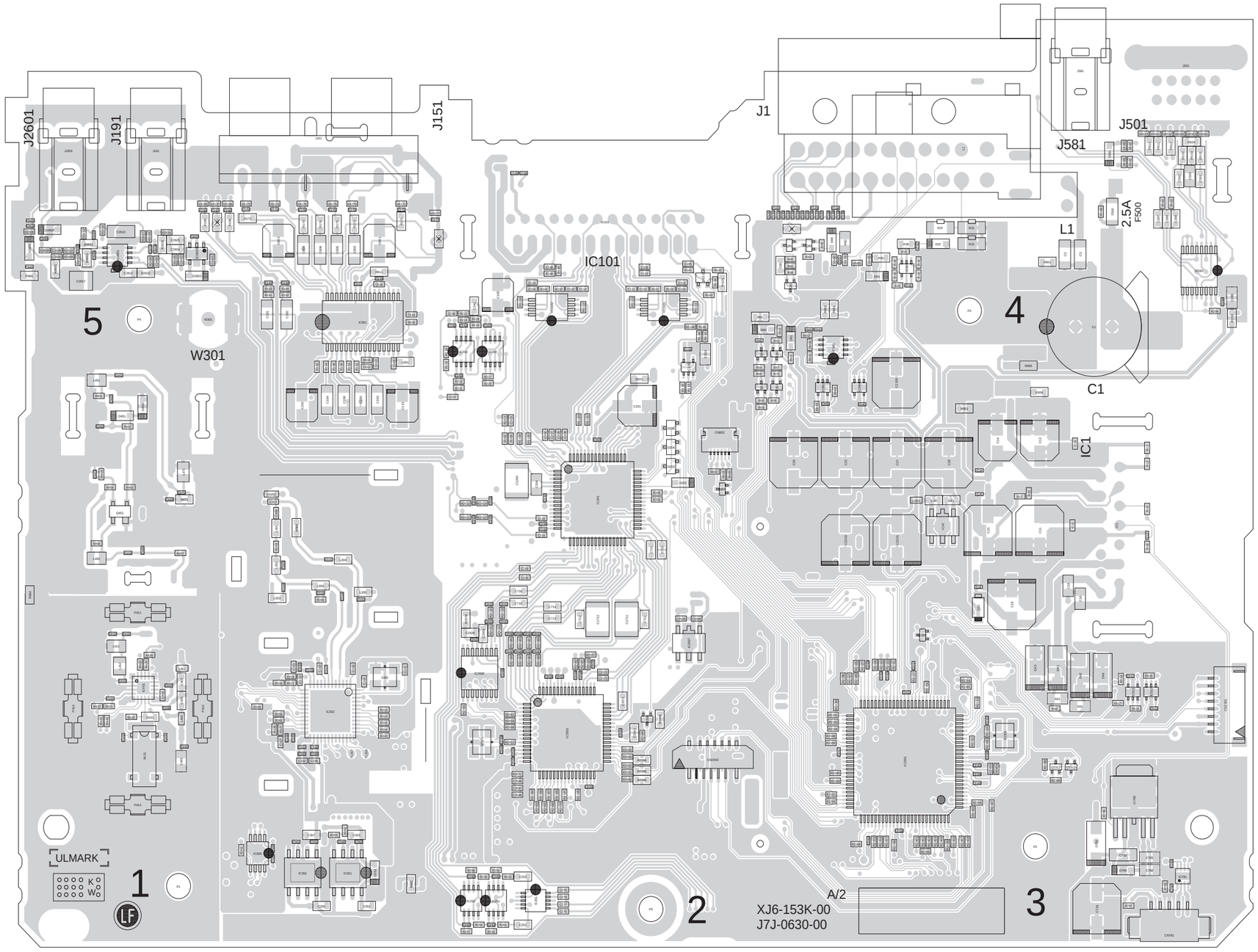


GYRO PWB ASSY XJ5-009J-00 (J7J-0526-10)



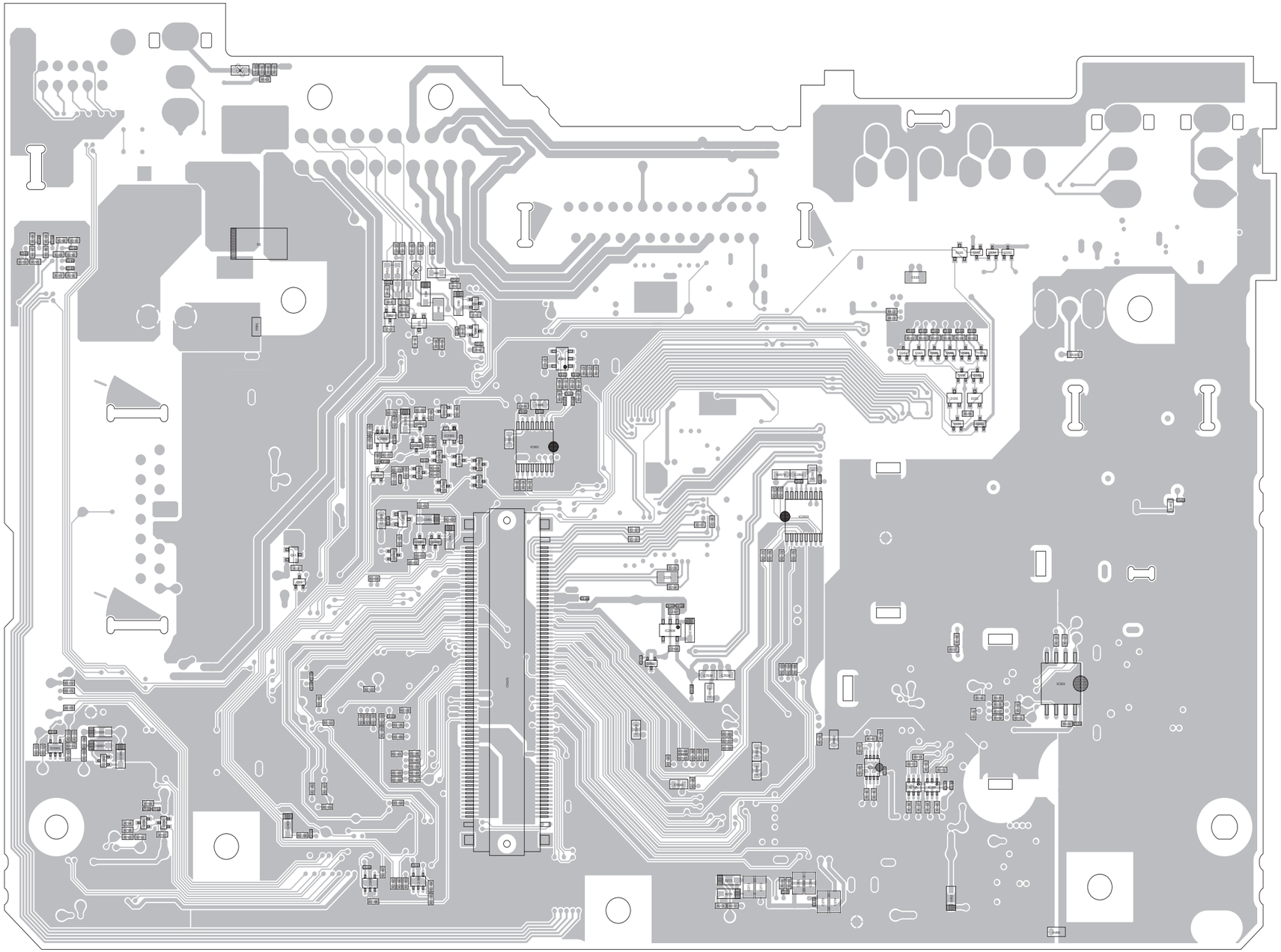
AUDIO PWB ASSY XJ6-153x-0x (J7J-0630-00)

How to repair a fuse pattern.
Refer to "2.1 How to repair a fuse pattern".

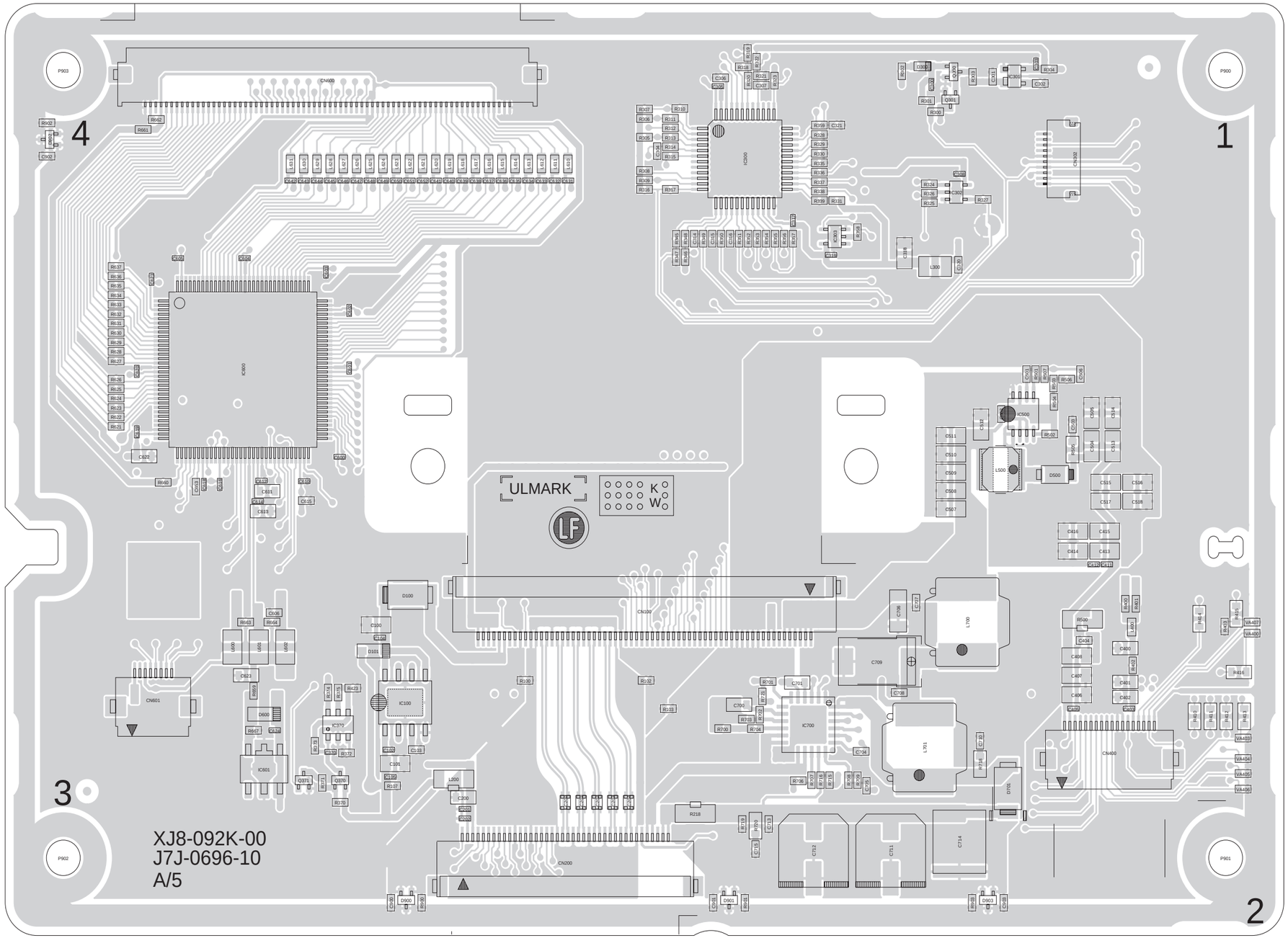


AUDIO PWB ASSY XJ6-153x-0x (J7J-0630-00)

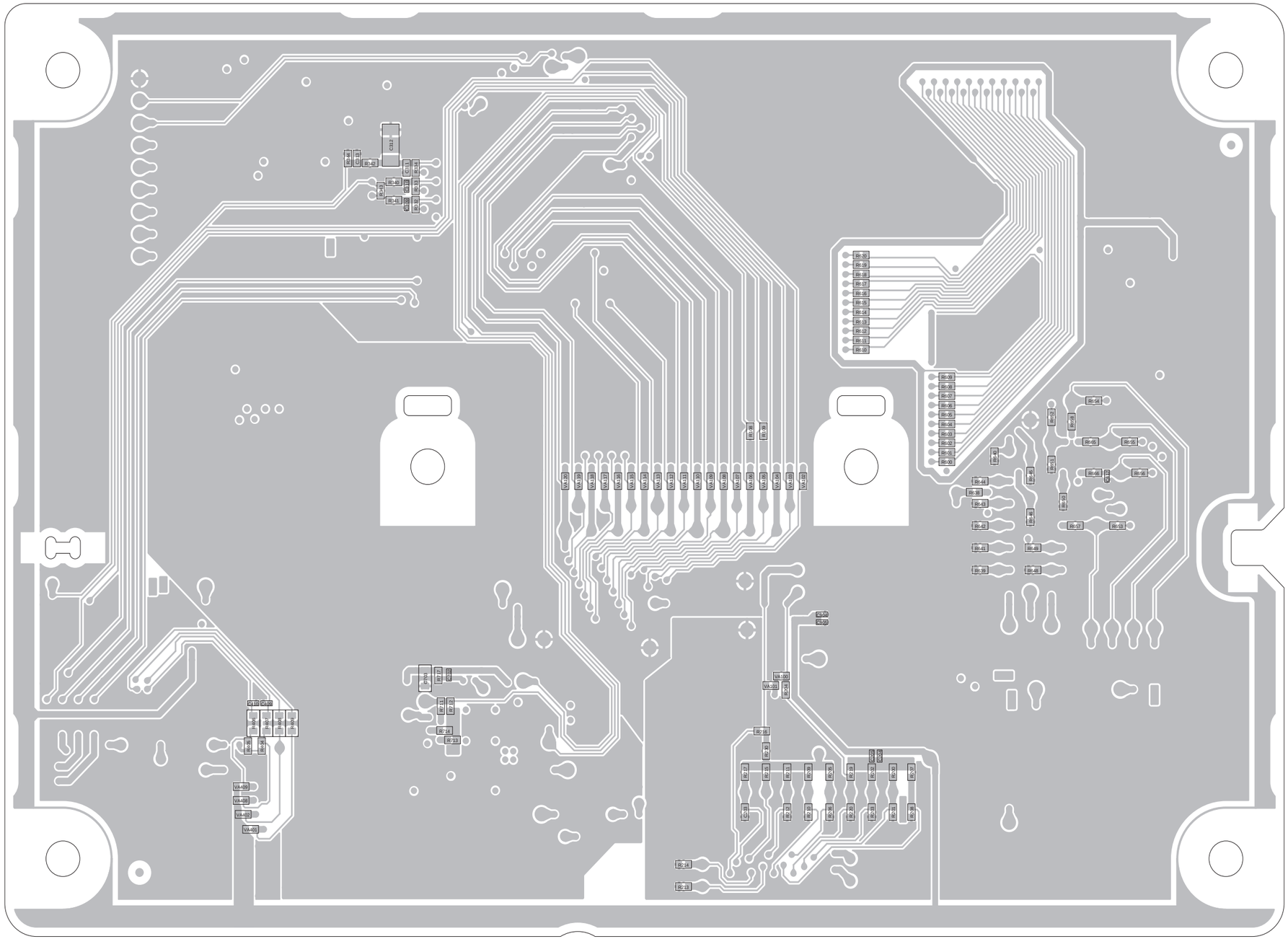
How to repair a fuse pattern.
Refer to "2.1 How to repair a fuse pattern".



PANEL PWB ASSY XJ8-092K-0x (J7J-0696-10)



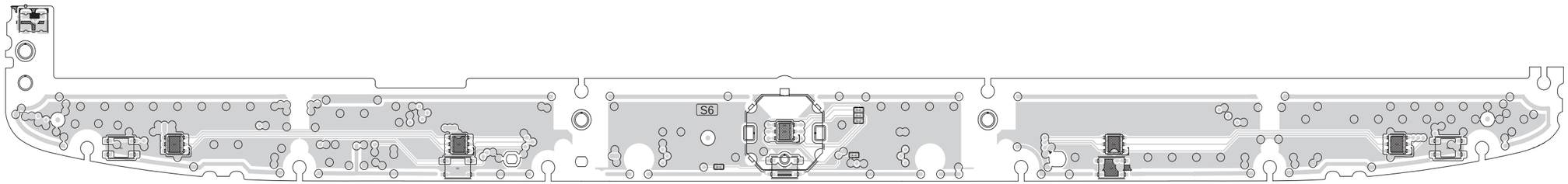
PANEL PWB ASSY XJ8-092K-0x (J7J-0696-10)



No.WA459

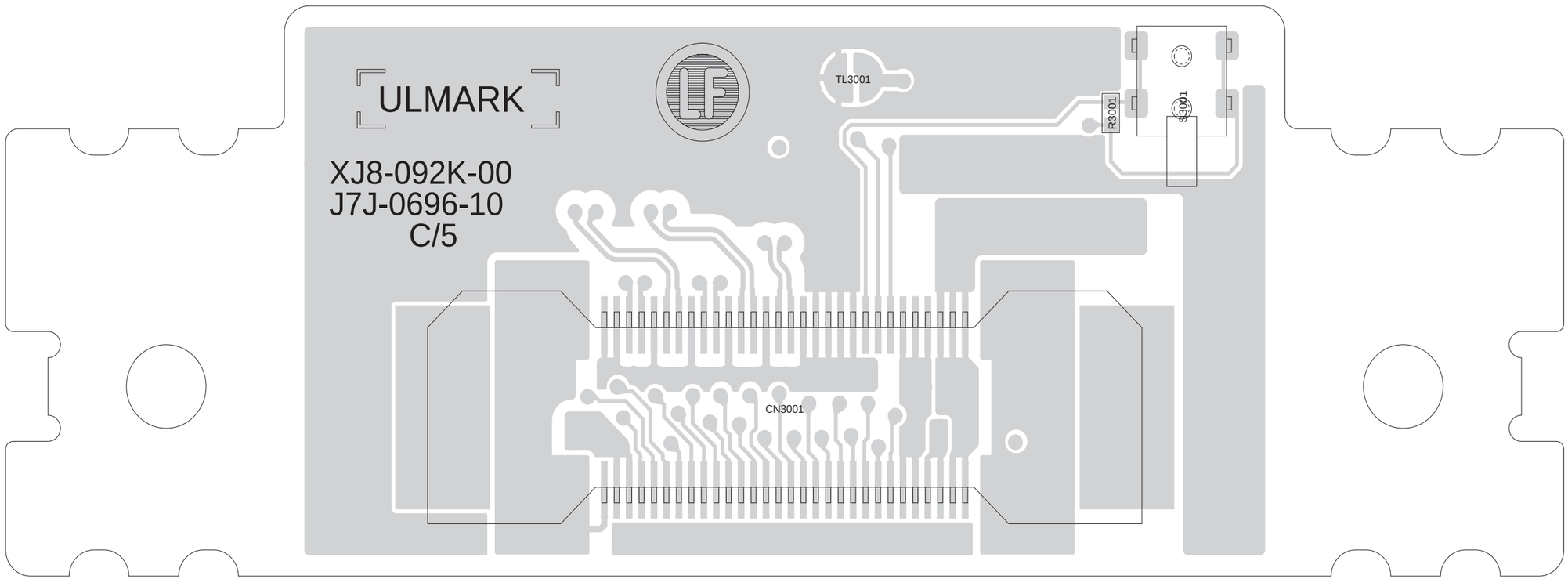
created date:2020-08-28

SW PWB ASSY XJ8-092K-0x (J7J-0696-10)

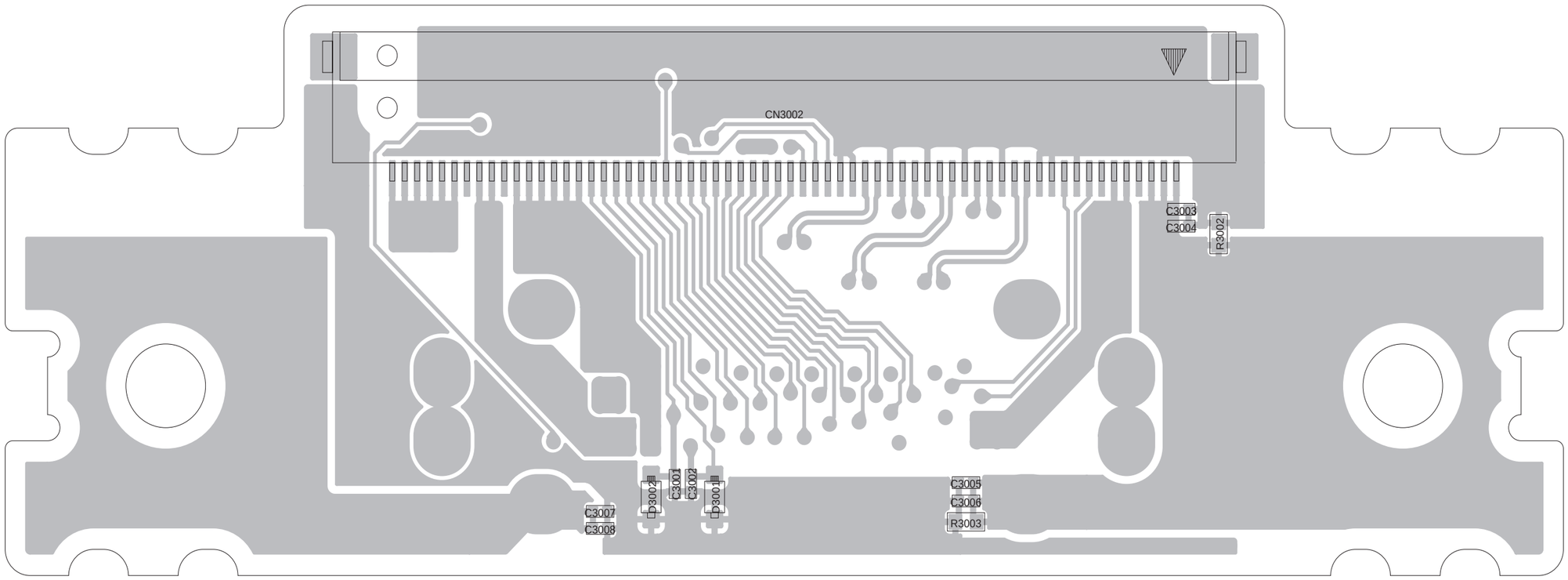


SW PWB ASSY XJ8-092K-0x (J7J-0696-10)

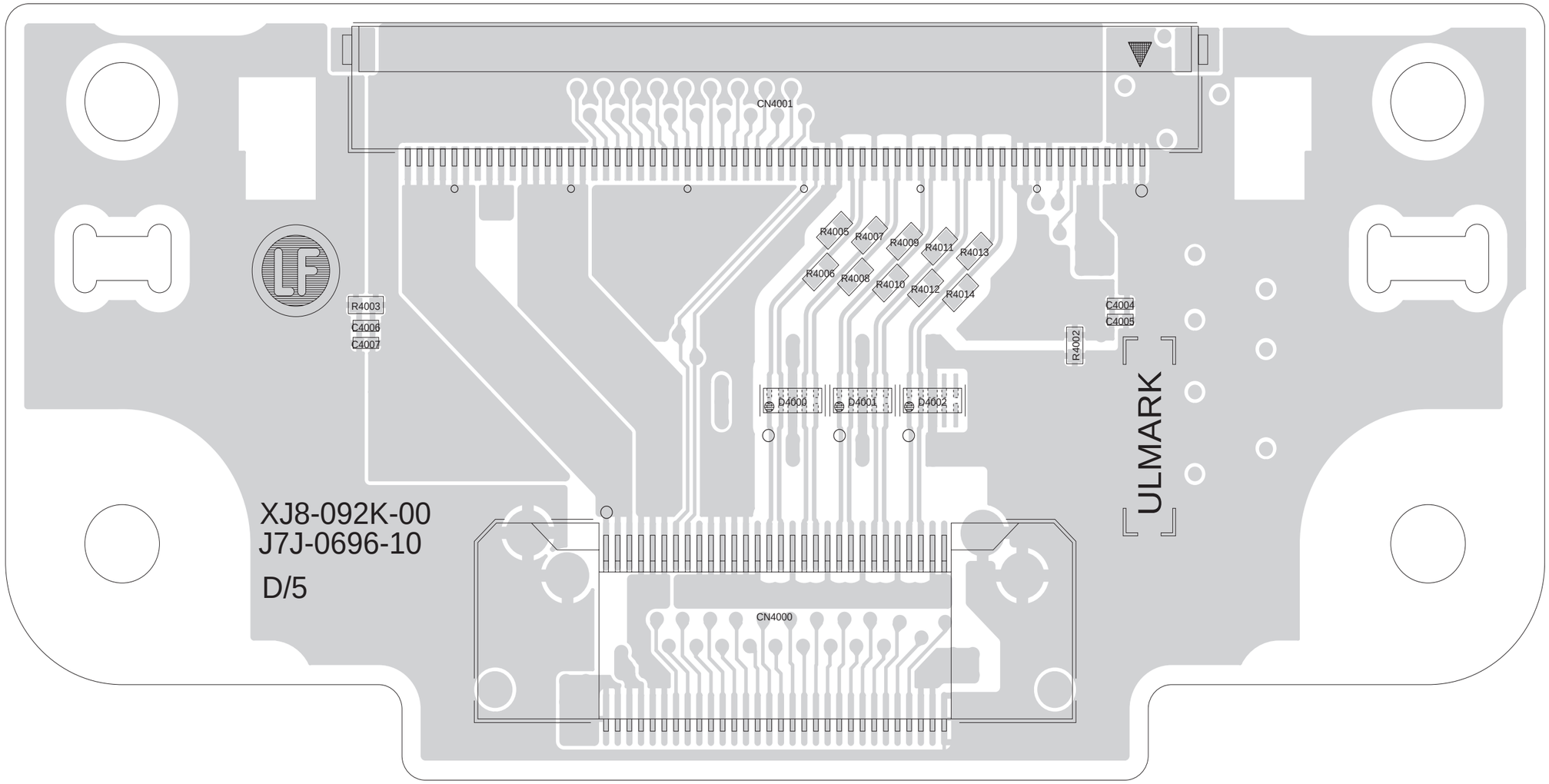
DETACH PWB ASSY(1/2) XJ8-092K-0x (J7J-0696-10)



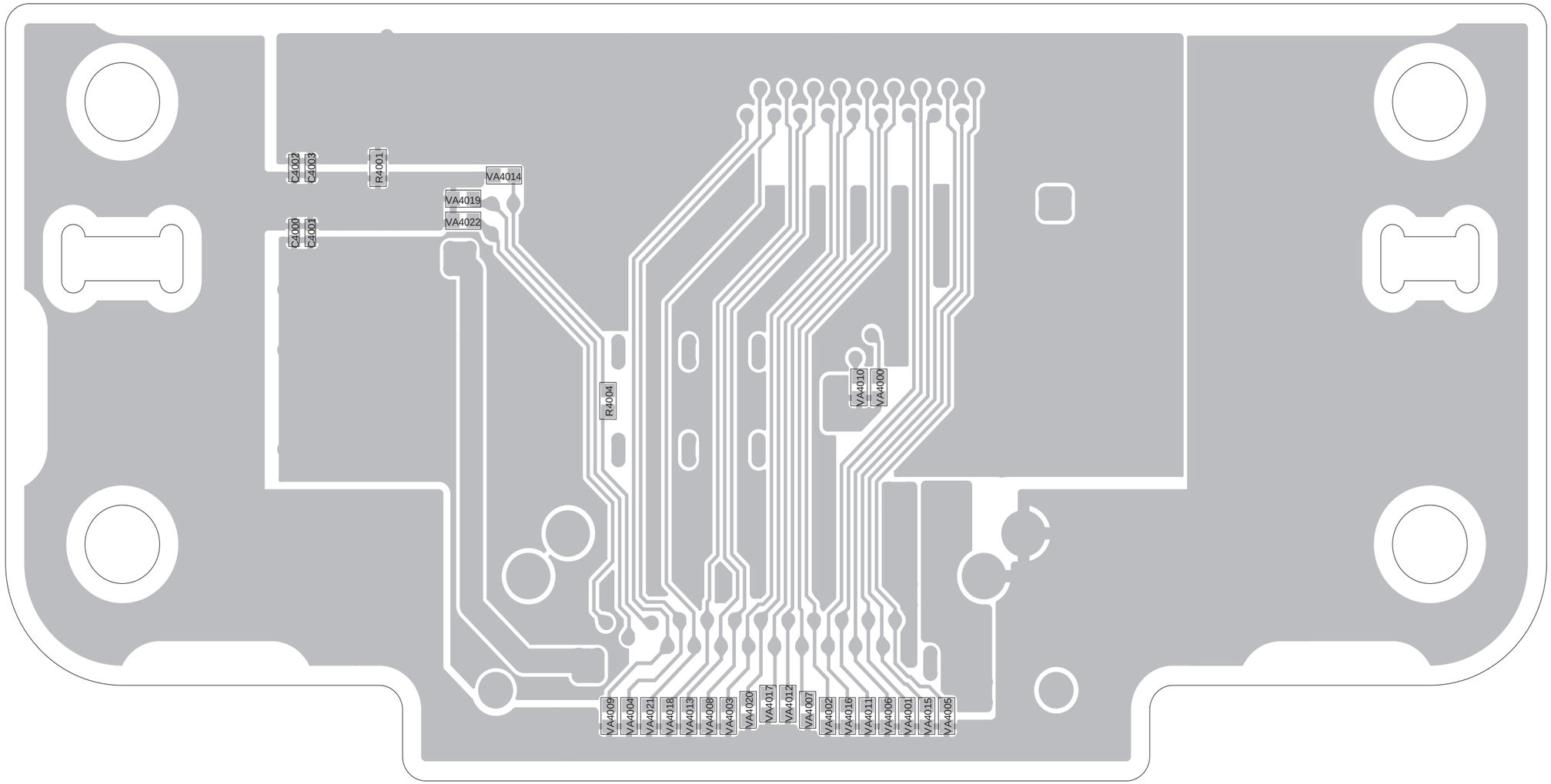
DETACH PWB ASSY(1/2) XJ8-092K-0x (J7J-0696-10)



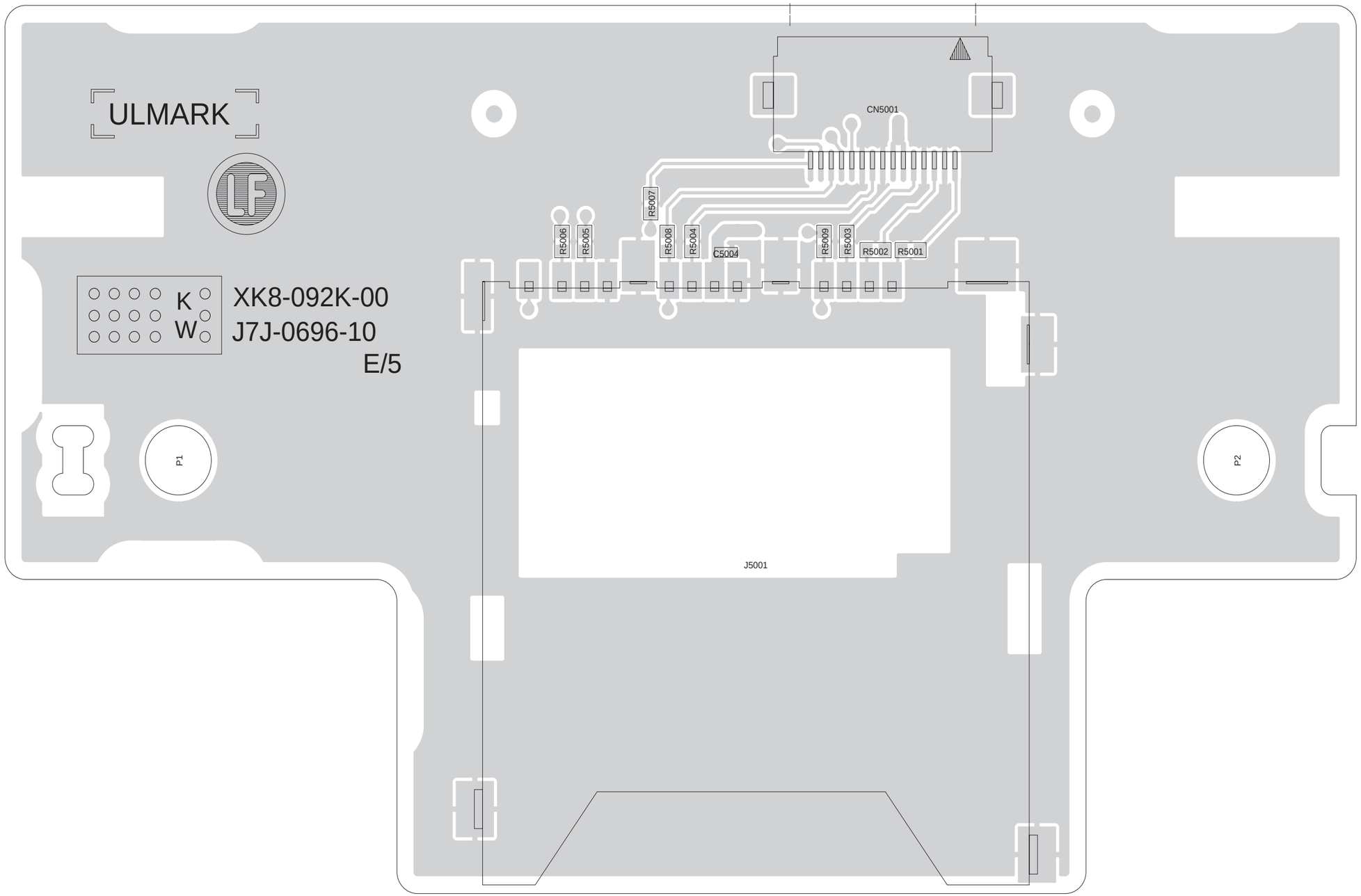
DETACH PWB ASSY(2/2) XJ8-092K-0x (J7J-0696-10)



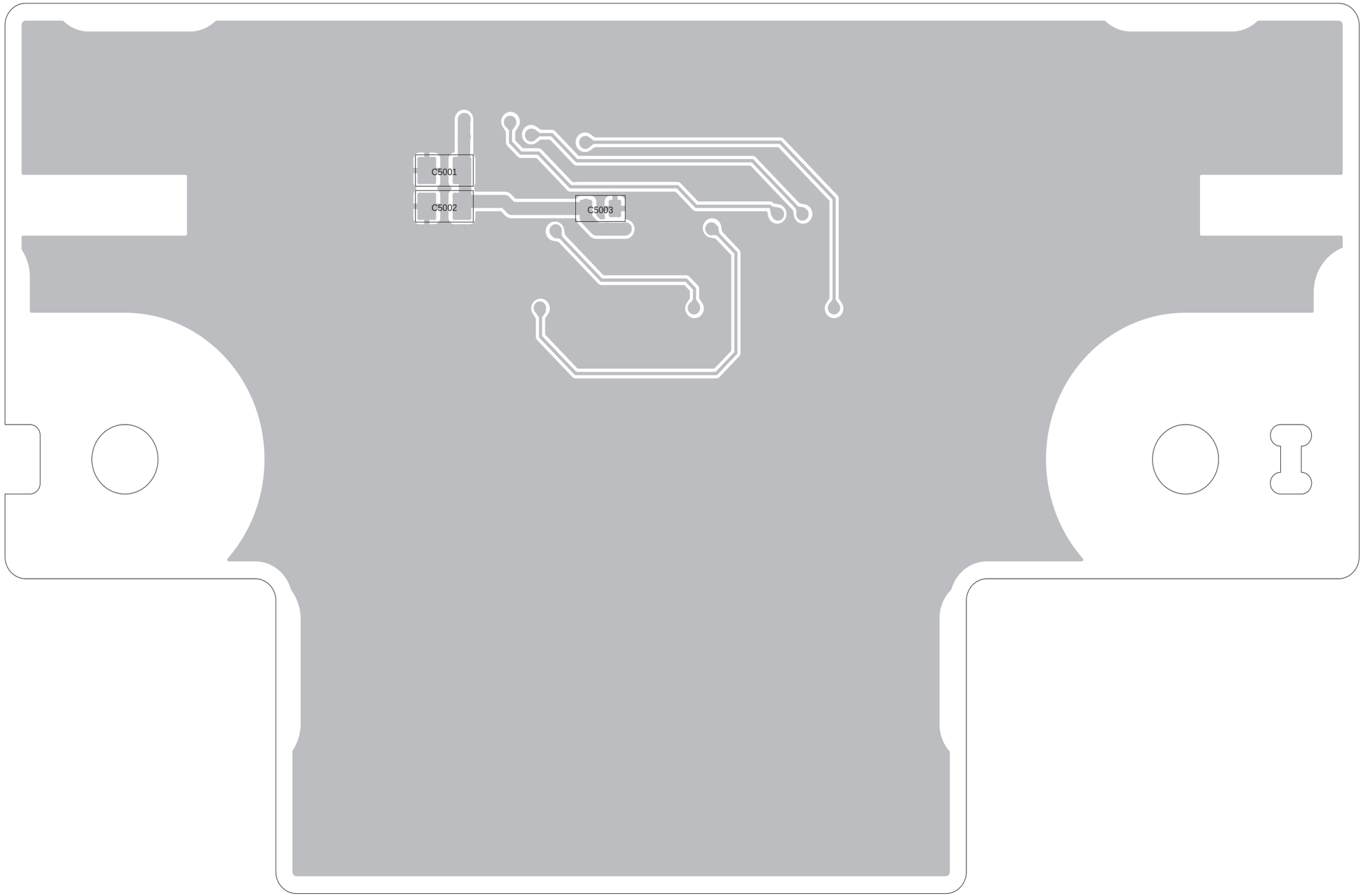
DETACH PWB ASSY(2/2) XJ8-092K-0x (J7J-0696-10)



SD PWB ASSY XJ8-092K-0x (J7J-0696-10)



SD PWB ASSY XJ8-092K-0x (J7J-0696-10)

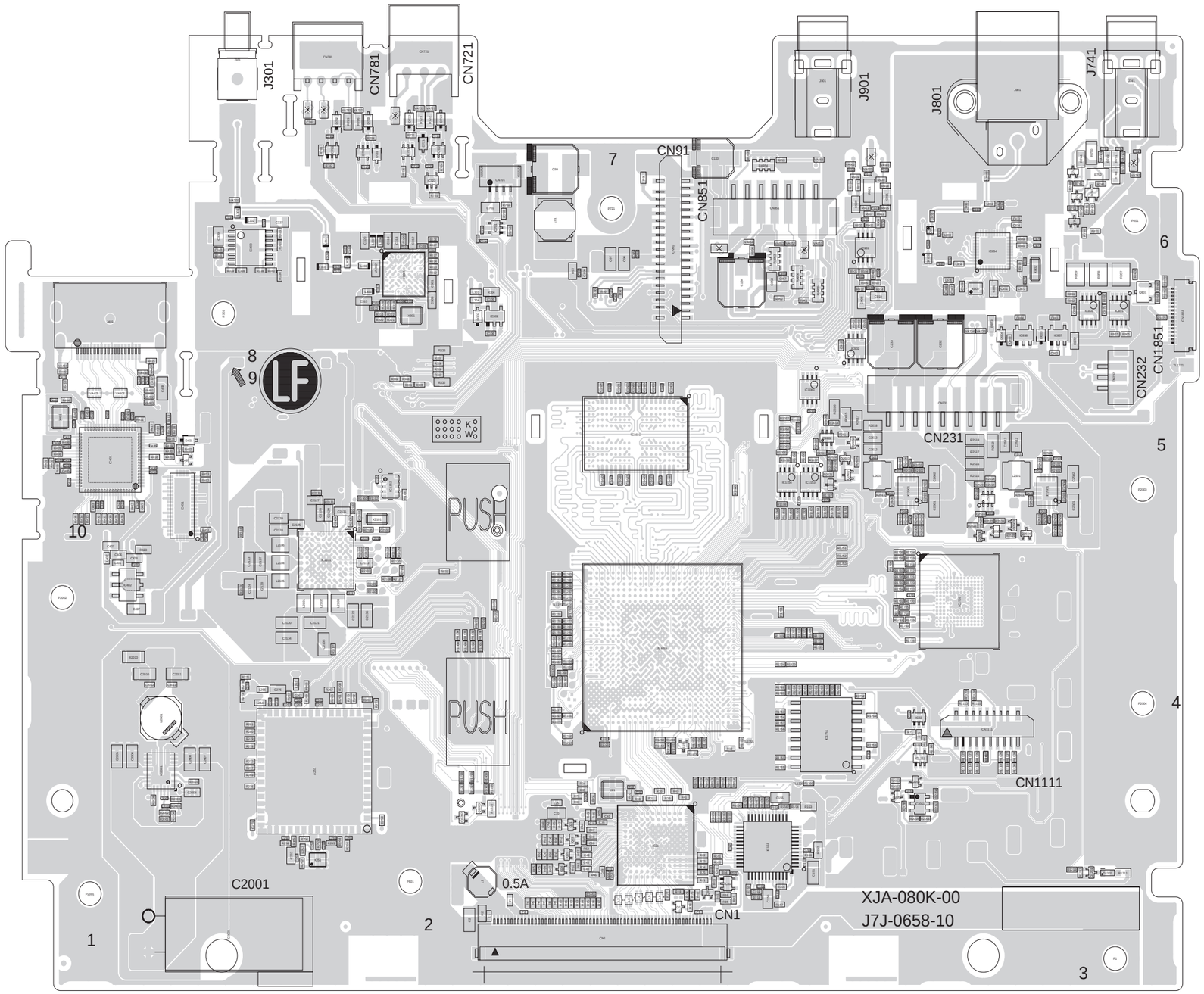


No.WA459

created date:2020-08-28

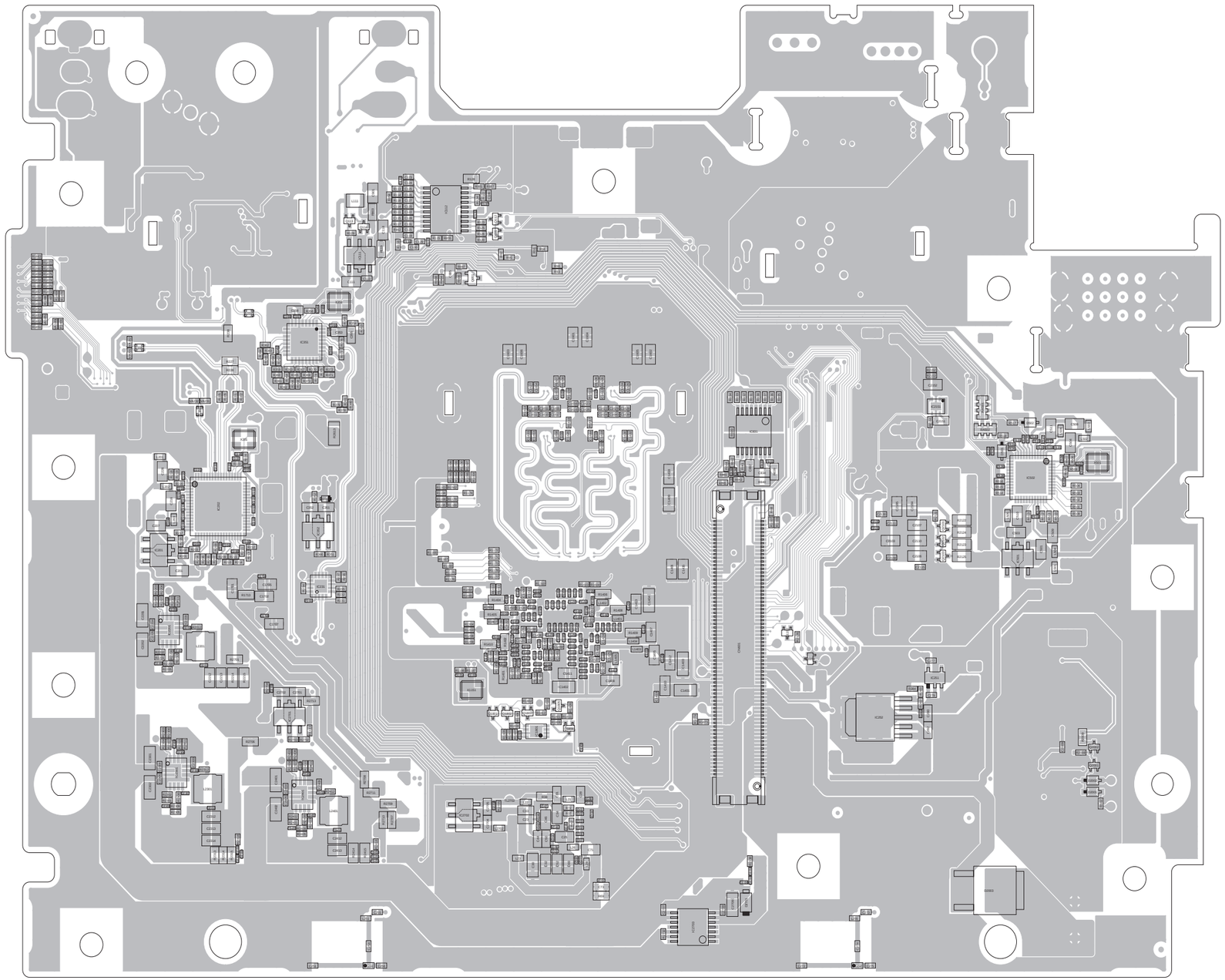
DIGITAL IO PWB ASSY XJA-080x-0x (J7J-0658-10)

How to repair a fuse pattern.
Refer to "2.1 How to repair a fuse pattern".



DIGITAL IO PWB ASSY XJA-080x-0x (J7J-0658-10)

How to repair a fuse pattern.
Refer to "2.1 How to repair a fuse pattern".



VOLTAGE CHARTS

BLOCK	SYMBOL	PIN NO.	EE
02	IC1	1	10.7V
02	IC1	2	1.26V
02	IC1	3	8.0V
02	IC1	4	1.26V
02	IC1	5	8.5V
02	IC1	6	3.3V
02	IC1	7	14.3V
02	IC1	8	2.3V
02	IC1	9	0.0V
02	IC1	10	NC
02	IC1	11	NC
02	IC1	12	5.0V
02	IC1	13	5.0V
02	IC1	14	14.3V
02	IC1	15	14.3V
02	IC31	1	1.18V
02	IC31	2	0.0V
02	IC31	3	2.7V
02	IC31	4	4.9V
02	IC31	5	4.9V
02	IC41	1	NC
02	IC41	2	0.0V
02	IC41	3	4.7V
02	IC41	4	4.7V
02	IC41	5	3.3V
02	IC101	1	0.0V
02	IC101	2	3.3V
02	IC101	3	0.0V
02	IC101	4	6.7V
02	IC101	5	3.3V
02	IC101	6	6.7V
02	IC101	7	BU (14.3V)
02	IC101	8	6.7V
02	IC101	9	0.0V
02	IC101	10	6.7V
02	IC101	11	6.7V
02	IC101	12	6.7V
02	IC101	13	6.7V
02	IC101	14	0.0V
02	IC101	15	6.7V
02	IC101	16	6.7V
02	IC101	17	6.7V
02	IC101	18	6.7V
02	IC101	19	0.0V
02	IC101	20	6.7V
02	IC101	21	BU (14.3V)
02	IC101	22	6.7V
02	IC101	23	3.5V
02	IC101	24	6.7V
02	IC101	25	0.0V
02	IC101	26	3.3V
02	IC101	27	0.0V
02	IC115	1	NC
02	IC115	2	0.0V-3.3V
02	IC115	3	0.0V
02	IC115	4	0.0V-3.0V
02	IC115	5	3.3V
02	IC201	1	3.3V
02	IC201	2	3.3V
02	IC201	3	NC

BLOCK	SYMBOL	PIN NO.	EE
02	IC201	4	0.0V
02	IC201	5	2.5V
02	IC201	6	0.0V
02	IC201	7	0.0V
02	IC201	8	NC
02	IC201	9	7.8V
02	IC201	10	NC
02	IC201	11	2.5V
02	IC201	12	2.5V
02	IC201	13	2.5V
02	IC201	14	2.5V
02	IC201	15	2.5V
02	IC201	16	2.5V
02	IC201	17	NC
02	IC201	18	NC
02	IC201	19	2.5V
02	IC201	20	2.5V
02	IC201	21	2.5V
02	IC201	22	2.5V
02	IC201	23	2.5V
02	IC201	24	NC
02	IC201	25	NC
02	IC201	26	NC
02	IC201	27	2.5V
02	IC201	28	2.5V
02	IC201	29	2.5V
02	IC201	30	2.5V
02	IC201	31	2.5V
02	IC201	32	2.5V
02	IC201	33	NC
02	IC201	34	2.5V
02	IC201	35	2.5V
02	IC201	36	2.5V
02	IC201	37	2.5V
02	IC201	38	0.0V
02	IC201	39	NC
02	IC201	40	0.0V
02	IC201	41	0.0V-3.3V
02	IC201	42	0.0V-3.3V
02	IC201	43	NC
02	IC201	44	0.0V-3.3V
02	IC201	45	0.0V-3.3V
02	IC201	46	0.0V-3.3V
02	IC201	47	0.0V-3.3V
02	IC201	48	0.0V-3.3V
02	IC201	49	NC
02	IC201	50	3.9V
02	IC201	51	3.9V
02	IC201	52	3.9V
02	IC201	53	3.9V
02	IC201	54	3.9V
02	IC201	55	3.9V
02	IC201	56	0.0V
02	IC201	57	7.8V
02	IC201	58	3.9V
02	IC201	59	3.9V
02	IC201	60	3.9V
02	IC201	61	3.9V
02	IC201	62	NC
02	IC201	63	3.9V

BLOCK	SYMBOL	PIN NO.	EE
02	IC201	64	3.9V
02	IC202	1	4.0V
02	IC202	2	4.0V
02	IC202	3	4.0V
02	IC202	4	0.0V
02	IC202	5	4.0V
02	IC202	6	4.0V
02	IC202	7	4.0V
02	IC202	8	8.0V
02	IC203	1	4.0V
02	IC203	2	4.0V
02	IC203	3	4.0V
02	IC203	4	0.0V
02	IC203	5	4.0V
02	IC203	6	4.0V
02	IC203	7	4.0V
02	IC203	8	8.0V
02	IC251	1	4.0V
02	IC251	2	4.0V
02	IC251	3	4.0V
02	IC251	4	0.0V
02	IC251	5	4.0V
02	IC251	6	4.0V
02	IC251	7	4.0V
02	IC251	8	8.0V
02	IC252	1	4.0V
02	IC252	2	4.0V
02	IC252	3	4.0V
02	IC252	4	0.0V
02	IC252	5	4.0V
02	IC252	6	4.0V
02	IC252	7	4.0V
02	IC252	8	8.0V
02	IC261	1	4.0V
02	IC261	2	0.0V
02	IC261	3	4.0V
02	IC261	4	8.0V
02	IC261	5	4.0V
02	IC261	6	4.0V
02	IC261	7	4.0V
02	IC261	8	-
02	IC261	9	4.0V
02	IC261	10	4.0V
02	IC290	1	4.0V
02	IC290	2	4.0V
02	IC290	3	4.0V
02	IC290	4	4.0V
02	IC290	5	4.0V
02	IC290	6	0.0V
02	IC290	7	0.0V
02	IC290	8	0.0V
02	IC290	9	3.3V
02	IC290	10	3.3V
02	IC290	11	3.3V
02	IC290	12	4.0V
02	IC290	13	4.0V
02	IC290	14	4.0V
02	IC290	15	4.0V
02	IC290	16	8.0V
02	IC302	1	0.0V

BLOCK	SYMBOL	PIN NO.	EE
02	IC302	2	NC
02	IC302	3	NC
02	IC302	4	0.0V
02	IC302	5	NC
02	IC302	6	1.37V
02	IC302	7	0.0V
02	IC302	8	0.0V
02	IC302	9	NC
02	IC302	10	NC
02	IC302	11	0.0V
02	IC302	12	3.3V
02	IC302	13	3.3V
02	IC302	14	3.3V
02	IC302	15	0.0V-3.3V
02	IC302	16	0.0V-3.3V
02	IC302	17	0.0V-3.3V
02	IC302	18	0.0V-3.3V
02	IC302	19	0.0V
02	IC302	20	0.0V
02	IC302	21	0.0V-3.3V
02	IC302	22	0.0V-3.3V
02	IC302	23	0.0V
02	IC302	24	3.3V
02	IC302	25	3.3V
02	IC302	26	0.0V
02	IC302	27	3.3V
02	IC302	28	0.0V-3.3V
02	IC302	29	0.0V-3.3V
02	IC302	30	0.0V-3.3V
02	IC302	31	0.0V-3.3V
02	IC302	32	NC
02	IC302	33	NC
02	IC302	34	NC
02	IC302	35	NC
02	IC302	36	0.0V-3.3V
02	IC302	37	0.0V-3.3V
02	IC302	38	0.0V-3.3V
02	IC302	39	0.0V
02	IC302	40	0.0V
02	IC302	41	0.0V
02	IC302	42	0.0V
02	IC302	43	0.0V
02	IC302	44	NC
02	IC302	45	NC
02	IC302	46	NC
02	IC302	47	0.0V-3.3V
02	IC302	48	0.0V-3.3V
02	IC303	1	3.3V
02	IC303	2	0.0V-3.3V
02	IC303	3	3.3V
02	IC303	4	0.0V
02	IC303	5	0.0V-3.3V
02	IC303	6	0.0V-3.3V
02	IC303	7	3.3V
02	IC303	8	3.3V
02	IC304	1	0.0V-3.3V
02	IC304	2	0.0V-3.3V
02	IC304	3	0.0V-3.3V
02	IC304	4	0.0V
02	IC304	5	0.0V-3.3V

BLOCK	SYMBOL	PIN NO.	EE
02	IC304	6	0.0V-3.3V
02	IC304	7	0.0V-3.3V
02	IC304	8	3.3V
02	IC305	1	0.0V-3.3V
02	IC305	2	0.00V
02	IC305	3	0.0V-3.3V
02	IC305	4	0.0V-3.3V
02	IC305	5	3.3V
02	IC305	6	0.0V-3.3V
02	IC306	1	0.0V-3.3V
02	IC306	2	0.0V-3.3V
02	IC306	3	0.0V-3.3V
02	IC306	4	0.0V
02	IC306	5	0.0V-3.3V
02	IC306	6	0.0V-3.3V
02	IC306	7	0.0V-3.3V
02	IC306	8	3.3V
02	IC307	1	0.0V-3.3V
02	IC307	2	0.0V
02	IC307	3	0.0V-3.3V
02	IC307	4	0.0V-3.3V
02	IC307	5	3.3V
02	IC307	6	0.0V-3.3V
02	IC351	1	3.3V
02	IC351	2	NC
02	IC351	3	2.0V
02	IC351	4	0.0V
02	IC351	5	5.0V
02	IC351	6	NC
02	IC351	7	NC
02	IC351	8	5.0V
02	IC352	1	1.8V
02	IC352	2	NC
02	IC352	3	1.7V
02	IC352	4	0.0V
02	IC352	5	5.0V
02	IC352	6	NC
02	IC352	7	NC
02	IC352	8	5.0V
02	IC511	1	0.0V
02	IC511	2	0.0V-3.3V
02	IC511	3	0.0V
02	IC511	4	0.0V-5.0V
02	IC511	5	5.0V
02	IC512	1	NC
02	IC512	2	0.0V-5.0V
02	IC512	3	0.0V
02	IC512	4	0.0V-3.3V
02	IC512	5	3.3V
02	IC601	1	0.0V
02	IC601	2	0.0V
02	IC601	3	0.0V
02	IC601	4	0.0V
02	IC601	5	0.0V
02	IC601	6	0.0V
02	IC601	7	7.2V
02	IC601	8	0.0V
02	IC601	9	7.8V
02	IC601	10	7.8V
02	IC601	11	3.2V

BLOCK	SYMBOL	PIN NO.	EE
02	IC601	12	NC
02	IC601	13	NC
02	IC601	14	-
02	IC601	15	8.0V
02	IC601	16	NC
02	IC601	17	NC
02	IC601	18	7.8V
02	IC601	19	7.8V-0.0V
02	IC601	20	NC
02	IC601	21	NC
02	IC601	22	0.0V
02	IC601	23	0.0V-7.8V
02	IC601	24	7.0V
02	IC601	25	7.8V
02	IC601	26	0.0V
02	IC601	27	0.0V
02	IC601	28	0.0V
02	IC601	29	0.0V
02	IC601	30	NC
02	IC601	31	0.0V
02	IC601	32	0.0V
02	IC851	1	4.9V
02	IC851	2	2.2V
02	IC851	3	2.6V
02	IC851	4	0.0V
02	IC851	5	4.9V
02	IC851	6	2.2V
02	IC851	7	4.9V
02	IC851	8	4.9V
02	IC852	1	3.3V
02	IC852	2	4.9V
02	IC852	3	0.0V
02	IC852	4	0.0V-3.3V
02	IC852	5	3.3V
02	IC1101	1	3.9V
02	IC1101	2	3.9V
02	IC1101	3	3.9V
02	IC1101	4	0.0V
02	IC1101	5	8.0V
02	IC1101	6	3.9V
02	IC1101	7	3.9V
02	IC1101	8	3.9V
02	IC1102	1	3.9V
02	IC1102	2	3.9V
02	IC1102	3	3.9V
02	IC1102	4	0.0V
02	IC1102	5	8.0V
02	IC1102	6	3.9V
02	IC1102	7	3.9V
02	IC1102	8	3.9V
02	IC2001	1	1.2V
02	IC2001	2	GND
02	IC2001	3	Over 1.2V
02	IC2001	4	3.3V
02	IC2001	5	3.3V
02	IC2301	1	3.3Vp-p
02	IC2301	2	3.3Vp-p
02	IC2301	3	3.3Vp-p
02	IC2301	4	0.0V
02	IC2301	5	3.3Vp-p

BLOCK	SYMBOL	PIN NO.	EE
02	IC2301	6	0.0V / 3.3V
02	IC2301	7	0.0V / 3.3V
02	IC2301	8	0.0V / 3.3V
02	IC2301	9	0.0V / 3.3V
02	IC2301	10	3.30V
02	IC2301	11	3.30V
02	IC2301	12	3.30V
02	IC2301	13	GND
02	IC2301	14	GND
02	IC2301	15	1.2Vp-p
02	IC2301	16	2.5Vp-p
02	IC2301	17	0.0V / 3.3V
02	IC2301	18	3.3Vp-p
02	IC2301	19	3.3Vp-p
02	IC2301	20	0.0V / 3.3V
02	IC2301	21	3.3Vp-p
02	IC2301	22	3.3Vp-p
02	IC2301	23	3.3V
02	IC2301	24	3.3Vp-p
02	IC2301	25	NC
02	IC2301	26	0.0V / 3.3V
02	IC2301	27	0.0V / 3.3V
02	IC2301	28	3.3Vp-p
02	IC2301	29	NC
02	IC2301	30	NC
02	IC2301	31	NC
02	IC2301	32	0.0V
02	IC2301	33	0.0V / 3.3V
02	IC2301	34	0.0V / 3.3V
02	IC2301	35	NC
02	IC2301	36	3.3Vp-p
02	IC2301	37	GND
02	IC2301	38	3.30V
02	IC2301	39	0.0V / 3.3V
02	IC2301	40	0.0V / 3.3V
02	IC2301	41	0.0V / 3.3V
02	IC2301	42	0.0V / 3.3V
02	IC2301	43	0.0V
02	IC2301	44	0.0V-3.3V
02	IC2301	45	0.0V-3.3V
02	IC2301	46	0.0V-3.3V
02	IC2301	47	0.0V-3.3V
02	IC2301	48	0.0V-3.3V
02	IC2301	49	0.0V
02	IC2301	50	0.0V / 3.3V
02	IC2301	51	0.0V / 3.3V
02	IC2301	52	0.0V
02	IC2301	53	3.3Vp-p
02	IC2301	54	3.3Vp-p
02	IC2301	55	3.3Vp-p
02	IC2301	56	3.3Vp-p
02	IC2301	57	3.3V
02	IC2301	58	0.0V / 3.3V
02	IC2301	59	0.0V / 3.3V
02	IC2301	60	GND
02	IC2301	61	3.3V
02	IC2301	62	3.3Vp-p
02	IC2301	63	3.3Vp-p
02	IC2301	64	3.3Vp-p
02	IC2301	65	3.3Vp-p

BLOCK	SYMBOL	PIN NO.	EE
02	IC2301	66	3.3Vp-p
02	IC2301	67	3.3Vp-p
02	IC2301	68	0.0V / 3.3V
02	IC2301	69	0.0V / 3.3V
02	IC2301	70	0.0V / 3.3V
02	IC2301	71	3.3Vp-p
02	IC2301	72	3.3Vp-p
02	IC2301	73	3.3Vp-p
02	IC2301	74	0.0V / 3.3V
02	IC2301	75	0.0V / 3.3V
02	IC2301	76	0.0V / 3.3V
02	IC2301	77	3.3Vp-p
02	IC2301	78	0.0V / 3.3V
02	IC2301	79	0.0V / 3.3V
02	IC2301	80	NC
02	IC2301	81	3.3Vp-p
02	IC2301	82	0.0V-3.3V
02	IC2301	83	0.0V-3.3V
02	IC2301	84	0.0V-3.3V
02	IC2301	85	3.3Vp-p
02	IC2301	86	GND
02	IC2301	87	3.3V
02	IC2301	88	0.0V / 3.3V
02	IC2301	89	NC
02	IC2301	90	0.0V / 3.3V
02	IC2301	91	3.3Vp-p
02	IC2301	92	3.3Vp-p
02	IC2301	93	0.0V / 3.3V
02	IC2301	94	0.0V / 3.3V
02	IC2301	95	3.3Vp-p
02	IC2301	96	3.3Vp-p
02	IC2301	97	3.3V
02	IC2301	98	3.3Vp-p
02	IC2301	99	3.3Vp-p
02	IC2301	100	3.3Vp-p
02	IC2302	1	NC
02	IC2302	2	GND
02	IC2302	3	3.3V
02	IC2302	4	3.3V
02	IC2303	1	2.8V
02	IC2303	2	GND
02	IC2303	3	0.33V
02	IC2303	4	0.0V
02	IC2303	5	3.3V
02	IC2304	1	5.0V
02	IC2304	2	4.9V
02	IC2304	3	GND
02	IC2304	4	3.3Vp-p
02	IC2304	5	3.3V
02	IC2501	1	1.6V
02	IC2501	2	1.6V
02	IC2501	3	GND
02	IC2501	4	3.3Vp-p
02	IC2501	5	NC
02	IC2501	6	3.3Vp-p
02	IC2501	7	3.3Vp-p
02	IC2501	8	NC
02	IC2501	9	3.3Vp-p
02	IC2501	10	3.3Vp-p
02	IC2501	11	3.3Vp-p

BLOCK	SYMBOL	PIN NO.	EE
02	IC2501	12	1.6Vp-p
02	IC2501	13	3.3V
02	IC2501	14	GND
02	IC2501	15	3.3V
02	IC2501	16	3.3Vp-p
02	IC2501	17	3.3Vp-p
02	IC2501	18	3.3Vp-p
02	IC2501	19	3.3Vp-p
02	IC2501	20	3.3Vp-p
02	IC2501	21	3.3Vp-p
02	IC2501	22	3.3Vp-p
02	IC2501	23	3.3Vp-p
02	IC2501	24	3.3Vp-p
02	IC2501	25	0.0V
02	IC2501	26	3.3Vp-p
02	IC2501	27	3.3Vp-p
02	IC2501	28	3.3Vp-p
02	IC2501	29	3.3Vp-p
02	IC2501	30	3.3V
02	IC2501	31	GND
02	IC2501	32	3.3Vp-p
02	IC2501	33	3.3Vp-p
02	IC2501	34	3.3Vp-p
02	IC2501	35	3.3Vp-p
02	IC2501	36	3.3Vp-p
02	IC2501	37	3.3Vp-p
02	IC2501	38	3.3V
02	IC2501	39	1.2V
02	IC2501	40	3.3V
02	IC2501	41	GND
02	IC2501	42	NC
02	IC2501	43	NC
02	IC2501	44	1.6V
02	IC2501	45	1.6V
02	IC2501	46	1.6V
02	IC2501	47	NC
02	IC2501	48	NC
02	IC2501	49	NC
02	IC2501	50	NC
02	IC2501	51	NC
02	IC2501	52	1.6V
02	IC2501	53	1.6V
02	IC2501	54	1.6V
02	IC2501	55	NC
02	IC2501	56	NC
02	IC2501	57	NC
02	IC2501	58	3.3V
02	IC2501	59	GND
02	IC2501	60	1.6V
02	IC2501	61	3.3V
02	IC2501	62	GND
02	IC2501	63	1.6V
02	IC2501	64	1.6V
02	IC2502	1	3.3Vp-p
02	IC2502	2	3.3Vp-p
02	IC2502	3	3.3Vp-p
02	IC2502	4	3.3Vp-p
02	IC2502	5	5.0V
02	IC2502	6	GND
02	IC2502	7	5.0V

BLOCK	SYMBOL	PIN NO.	EE
02	IC2502	8	5.0V
02	IC2502	9	NC
02	IC2502	10	2.5V (3.2Vp-p)
02	IC2502	11	2.5V (3.2Vp-p)
02	IC2502	12	2.5V
02	IC2502	13	GND
02	IC2502	14	5.0V
02	IC2502	15	NC
02	IC2502	16	NC
02	IC2503	1	3.3Vp-p
02	IC2503	2	3.3Vp-p
02	IC2503	3	3.3Vp-p
02	IC2503	4	3.3Vp-p
02	IC2503	5	5.0V
02	IC2503	6	GND
02	IC2503	7	5.0V
02	IC2503	8	5.0V
02	IC2503	9	NC
02	IC2503	10	2.5V (3.2Vp-p)
02	IC2503	11	2.5V (3.2Vp-p)
02	IC2503	12	2.5V
02	IC2503	13	GND
02	IC2503	14	5.0V
02	IC2503	15	NC
02	IC2503	16	NC
02	IC2507	1	NC
02	IC2507	2	GND
02	IC2507	3	7.9V
02	IC2507	4	7.9V
02	IC2507	5	5.0V
02	IC2508	1	5.0V
02	IC2508	2	GND
02	IC2508	3	5.0V
02	IC2508	4	NC
02	IC2508	5	3.3V
02	IC2601	1	3.9V
02	IC2601	2	3.9V
02	IC2601	3	3.9V
02	IC2601	4	GND
02	IC2601	5	3.9V
02	IC2601	6	3.9V
02	IC2601	7	3.9V
02	IC2601	8	7.9V
02	IC2602	1	7.9V
02	IC2602	2	GND
02	IC2602	3	1.3V
02	IC2602	4	5.0V
02	IC2602	5	7.9V
03	IC22	1	3.3V
03	IC22	2	3.3V
03	IC22	3	GND
03	IC22	4	3.3V
03	IC22	5	3.3V
03	IC81	1	1.6V
03	IC81	2	GND
03	IC81	3	0.5V
03	IC81	4	3.3V
03	IC81	5	3.3V
03	IC111	1	-
03	IC111	2	GND

BLOCK	SYMBOL	PIN NO.	EE
03	IC111	3	8.0V
03	IC111	4	8.0V
03	IC111	5	5.0V
03	IC112	1	2.5V
03	IC112	2	2.5V
03	IC112	3	composite
03	IC112	4	GND
03	IC112	5	2.5V
03	IC112	6	composite
03	IC112	7	composite
03	IC112	8	2.5V
03	IC112	9	composite
03	IC112	10	composite
03	IC112	11	0.0V-5.0V
03	IC112	12	0.0V-5.0V
03	IC112	13	5.0V
03	IC112	14	GND
03	IC112	15	5.0V
03	IC112	16	composite
03	IC112	17	2.5V
03	IC112	18	2.5V
03	IC112	19	2.5V
03	IC112	20	composite
03	IC151	1	NC
03	IC151	2	NC
03	IC151	3	3.3V
03	IC151	4	1.25V
03	IC151	5	1.25V
03	IC151	6	NC
03	IC151	7	NC
03	IC151	8	NC
03	IC151	9	NC
03	IC151	10	NC
03	IC151	11	NC
03	IC151	12	NC
03	IC151	13	NC
03	IC151	14	GND
03	IC151	15	0.0V-3.3V
03	IC151	16	GND
03	IC151	17	3.30V
03	IC151	18	0.0V-3.3V
03	IC151	19	0.0V-3.3V
03	IC151	20	0.0V-3.3V
03	IC151	21	0.0V-3.3V
03	IC151	22	0.0V-3.3V
03	IC151	23	NC
03	IC151	24	NC
03	IC151	25	NC
03	IC151	26	0.0V-3.3V
03	IC151	27	GND
03	IC151	28	0.0V-3.3V
03	IC151	29	0.0V-3.3V
03	IC151	30	3.30V
03	IC151	31	GND
03	IC151	32	0.0V-3.3V
03	IC151	33	0.0V-3.3V
03	IC151	34	0.0V-3.3V
03	IC151	35	0.0V-3.3V
03	IC151	36	NC
03	IC151	37	GND

BLOCK	SYMBOL	PIN NO.	EE
03	IC151	38	3.3V
03	IC151	39	3.3V
03	IC151	40	GND
03	IC151	41	3.3V
03	IC151	42	NC
03	IC151	43	NC
03	IC151	44	GND
03	IC151	45	NC
03	IC151	46	GND
03	IC151	47	composite
03	IC151	48	NC
03	IC231	1	5.0V
03	IC231	2	USB D(-)
03	IC231	3	USB D(+)
03	IC231	4	5.0V
03	IC231	5	5.0V
03	IC231	6	5.0V
03	IC231	7	5.0V
03	IC231	8	3.3V
03	IC231	9	NC
03	IC231	10	USB D(+)
03	IC231	11	USB D(-)
03	IC231	12	NC
03	IC231	13	NC
03	IC231	14	GND
03	IC231	15	NC
03	IC231	16	0.0V
03	IC251	1	3.6V
03	IC251	2	GND
03	IC251	3	3.6V
03	IC251	4	NC
03	IC251	5	1.8V
03	IC252	1	5.0V
03	IC252	2	5.0V
03	IC252	3	GND
03	IC252	4	3.6V
03	IC252	5	0.8V
03	IC302	1	3.3V
03	IC302	2	GND
03	IC302	3	3.3V
03	IC302	4	NC
03	IC302	5	1.2V
03	IC303	1	BU
03	IC303	2	3.3V
03	IC303	3	NC
03	IC303	4	4.5V
03	IC303	5	0.0V
03	IC303	6	NC
03	IC303	7	NC
03	IC303	8	4.5V
03	IC303	9	3.3V
03	IC303	10	0.0V
03	IC303	11	NC
03	IC303	12	GND
03	IC303	13	NC
03	IC303	14	NC
03	IC303	15	1.23V
03	IC303	16	9.1V
03	IC402	1	NC
03	IC402	2	GND

BLOCK	SYMBOL	PIN NO.	EE
03	IC402	3	3.3V
03	IC402	4	3.3V
03	IC402	5	1.2V
03	IC451	1	3.3V
03	IC451	2	3.3V
03	IC451	3	0.0V-3.3V
03	IC451	4	NC
03	IC451	5	0.0V-3.3V
03	IC451	6	0.0V-3.3V
03	IC451	7	0.0V-3.3V
03	IC451	8	0.0V-3.3V
03	IC451	9	NC
03	IC451	10	0.0V-3.3V
03	IC451	11	0.0V-3.3V
03	IC451	12	0.0V-3.3V
03	IC451	13	0.0V-3.3V
03	IC451	14	NC
03	IC451	15	NC
03	IC451	16	3.3V
03	IC451	17	0.0V or 3.3V
03	IC451	18	NC
03	IC451	19	NC
03	IC451	20	NC
03	IC451	21	NC
03	IC451	22	0.0V-3.3V
03	IC451	23	0.0V-3.3V
03	IC451	24	0.0V-3.3V
03	IC451	25	0.0V-3.3V
03	IC451	26	0.0V-3.3V
03	IC451	27	0.0V-3.3V
03	IC451	28	0.0V-3.3V
03	IC451	29	0.0V-3.3V
03	IC451	30	NC
03	IC451	31	0.0V-3.3V
03	IC451	32	0.0V-3.3V
03	IC451	33	0.0V-3.3V
03	IC451	34	0.0V-3.3V
03	IC451	35	0.0V-3.3V
03	IC451	36	0.0V-3.3V
03	IC451	37	0.0V-3.3V
03	IC451	38	0.0V-3.3V
03	IC451	39	NC
03	IC451	40	0.0V-3.3V
03	IC451	41	NC
03	IC451	42	0.0V-3.3V
03	IC501	1	NC
03	IC501	2	GND
03	IC501	3	3.3V
03	IC501	4	3.3V
03	IC501	5	1.2V
03	IC502	1	3.3V
03	IC502	2	1.2V
03	IC502	3	3.3V
03	IC502	4	1.2V
03	IC502	5	1.2V
03	IC502	6	3.3V
03	IC502	7	-
03	IC502	8	GND
03	IC502	9	-
03	IC502	10	GND

BLOCK	SYMBOL	PIN NO.	EE
03	IC502	11	GND
03	IC502	12	NC
03	IC502	13	NC
03	IC502	14	NC
03	IC502	15	1.2V
03	IC502	16	NC
03	IC502	17	NC
03	IC502	18	3.3V
03	IC502	19	3.3V
03	IC502	20	3.3V
03	IC502	21	3.3V
03	IC502	22	NC
03	IC502	23	NC
03	IC502	24	NC
03	IC502	25	NC
03	IC502	26	NC
03	IC502	27	NC
03	IC502	28	NC
03	IC502	29	NC
03	IC502	30	NC
03	IC502	31	0.0V-3.3V
03	IC502	32	3.3V
03	IC502	33	3.3V
03	IC502	34	0.0V-3.3V
03	IC502	35	0.0V-3.3V
03	IC502	36	0.0V-3.3V
03	IC502	37	0.0V-3.3V
03	IC502	38	0.0V-3.3V
03	IC502	39	0.0V-3.3V
03	IC502	40	0.0V-3.3V
03	IC502	41	0.0V-3.3V
03	IC502	42	NC
03	IC502	43	3.3V
03	IC502	44	-
03	IC502	45	-
03	IC502	46	GND
03	IC502	47	GND
03	IC502	48	1.2V
03	IC701	1	5.0V
03	IC701	2	0.0V-3.3V
03	IC701	3	GND
03	IC701	4	0.0V-5.0V
03	IC701	5	5.0V
03	IC721	1	5.0V
03	IC721	2	0.0V-5.0V
03	IC721	3	GND
03	IC721	4	0.0V-3.3V
03	IC721	5	3.3V
03	IC722	1	GND
03	IC722	2	0.0V-5.0V
03	IC722	3	GND
03	IC722	4	0.0V-5.0V
03	IC722	5	5.0V
03	IC723	1	5.0V
03	IC723	2	0.0V-3.3V
03	IC723	3	GND
03	IC723	4	0.0V-5.0V
03	IC723	5	5.0V
03	IC781	1	GND
03	IC781	2	0.0V-5.0V

BLOCK	SYMBOL	PIN NO.	EE
03	IC781	3	GND
03	IC781	4	0.0V-5.0V
03	IC781	5	5.0V
03	IC782	1	0.0V-5.0V
03	IC782	2	0.0V-5.0V
03	IC782	3	GND
03	IC782	4	0.0V-3.3V
03	IC782	5	3.3V
03	IC831	1	3.3Vp-p
03	IC831	2	3.3Vp-p
03	IC831	3	3.3Vp-p
03	IC831	4	3.3Vp-p
03	IC831	5	5.0V
03	IC831	6	3.3Vp-p
03	IC831	7	3.3Vp-p
03	IC831	8	3.3Vp-p
03	IC831	9	NC
03	IC831	10	2.5V (3.0Vp-p)
03	IC831	11	2.5V (3.0Vp-p)
03	IC831	12	2.5V
03	IC831	13	GND
03	IC831	14	5.0V
03	IC831	15	5.0V
03	IC831	16	NC
03	IC853	1	GND
03	IC853	2	3.3V
03	IC853	3	GND
03	IC853	4	0.0V-3.3V
03	IC853	5	3.3V
03	IC854	1	1.2V
03	IC854	2	3.3V
03	IC854	3	1.0Vp-p
03	IC854	4	NC
03	IC854	5	1.2V
03	IC854	6	1.8V
03	IC854	7	3.3V
03	IC854	8	NC
03	IC854	9	GND
03	IC854	10	NC
03	IC854	11	0.2Vp-p
03	IC854	12	0.14Vp-p
03	IC854	13	0.0V / 3.3V
03	IC854	14	NC
03	IC854	15	NC
03	IC854	16	NC
03	IC854	17	NC
03	IC854	18	0.0V-3.3V
03	IC854	19	0.0V-3.3V
03	IC854	20	NC
03	IC854	21	3.3V
03	IC854	22	3.3V
03	IC854	23	3.3V
03	IC854	24	1.2V
03	IC854	25	NC
03	IC854	26	GND
03	IC854	27	NC
03	IC854	28	NC
03	IC854	29	GND
03	IC854	30	NC
03	IC854	31	NC

BLOCK	SYMBOL	PIN NO.	EE
03	IC854	32	NC
03	IC854	33	NC
03	IC854	34	NC
03	IC854	35	NC
03	IC854	36	3.2V
03	IC854	37	0.0V
03	IC854	38	1.2V
03	IC854	39	1.2V
03	IC854	40	0.5V
03	IC855	1	3.3V
03	IC855	2	1.2V
03	IC855	3	3.3V
03	IC855	4	0.0V
03	IC855	5	0.0V
03	IC855	6	1.2V
03	IC855	7	0.0V
03	IC855	8	5.0V
03	IC856	1	3.3V
03	IC856	2	3.3V
03	IC856	3	3.3V
03	IC856	4	0.0V
03	IC856	5	5.0V
03	IC856	6	0.0V
03	IC856	7	0.0V
03	IC856	8	5.0V
03	IC857	1	5.0V
03	IC857	2	GND
03	IC857	3	5.0V
03	IC857	4	3.3V
03	IC857	5	NC
03	IC858	1	5.0V
03	IC858	2	GND
03	IC858	3	5.0V
03	IC858	4	3.3V
03	IC858	5	1.2V
03	IC901	1	4.0V
03	IC901	2	4.0V
03	IC901	3	4.0V
03	IC901	4	GND
03	IC901	5	4.0V
03	IC901	6	4.0V
03	IC901	7	4.0V
03	IC901	8	7.9V
03	IC902	1	NC
03	IC902	2	NC
03	IC902	3	GND
03	IC902	4	GND
03	IC902	5	4.0V
03	IC902	6	4.0V
03	IC902	7	4.0V
03	IC902	8	7.9V
03	IC1060	1	0.0V-3.3V
03	IC1060	2	NC
03	IC1060	3	0.0V-3.3V
03	IC1060	4	GND
03	IC1060	5	0.0V-3.3V
03	IC1060	6	GND
03	IC1060	7	0.0V-3.3V
03	IC1060	8	3.3V
03	IC1151	1	3.3V

BLOCK	SYMBOL	PIN NO.	EE
03	IC1151	2	3.3V
03	IC1151	3	GND
03	IC1151	4	3.3V
03	IC1151	5	3.3V
03	IC1152	1	GND
03	IC1152	2	3.3V
03	IC1152	3	3.3V
03	IC1152	4	NC
03	IC1152	5	0.0V-3.3V
03	IC1152	6	NC
03	IC1152	7	0.0V-3.3V
03	IC1152	8	NC
03	IC1152	9	GND
03	IC1152	10	NC
03	IC1153	1	0.0V-3.3V
03	IC1153	2	NC
03	IC1153	3	0.0V-3.3V
03	IC1153	4	GND
03	IC1153	5	0.0V-3.3V
03	IC1153	6	GND
03	IC1153	7	0.0V-3.3V
03	IC1153	8	3.3V
03	IC1154	1	0.0V-3.3V
03	IC1154	2	NC
03	IC1154	3	0.0V-3.3V
03	IC1154	4	GND
03	IC1154	5	0.0V-3.3V
03	IC1154	6	GND
03	IC1154	7	0.0V-3.3V
03	IC1154	8	3.30V
03	IC1751	1	0.0V-3.3V
03	IC1751	2	3.3V
03	IC1751	3	3.3V
03	IC1751	4	NC
03	IC1751	5	NC
03	IC1751	6	NC
03	IC1751	7	0.0V-3.3V
03	IC1751	8	0.0V-3.3V
03	IC1751	9	0.0V-3.3V
03	IC1751	10	GND
03	IC1751	11	NC
03	IC1751	12	NC
03	IC1751	13	NC
03	IC1751	14	NC
03	IC1751	15	0.0V-3.3V
03	IC1751	16	0.0V-3.3V
03	IC1801	1	GND
03	IC1801	2	NC
03	IC1801	3	NC
03	IC1801	4	GND
03	IC1801	5	0.0V-3.3V
03	IC1801	6	0.0V-3.3V
03	IC1801	7	GND
03	IC1801	8	3.3V
03	IC1801	9	GND
03	IC2001	1	3.3V
03	IC2001	2	3.0V(BU+1.0V)
03	IC2001	3	BU
03	IC2001	4	GND
03	IC2001	5	GND

BLOCK	SYMBOL	PIN NO.	EE
03	IC2001	6	GND
03	IC2001	7	GND
03	IC2001	8	3.3V
03	IC2001	9	BU
03	IC2001	10	GND
03	IC2001	11	GND
03	IC2001	12	GND
03	IC2001	13	GND
03	IC2001	14	BU
03	IC2001	15	BU
03	IC2001	16	3.3V
03	IC2001	17	NC
03	IC2001	18	2.8V
03	IC2001	19	4.4V
03	IC2001	20	GND
03	IC2001	21	1.0V
03	IC2001	22	4.3V
03	IC2151	1	0.0V-4.3V
03	IC2151	2	GND
03	IC2151	3	1.8V
03	IC2151	4	3.3V
03	IC2151	5	GND
03	IC2151	6	4.3V
03	IC2151	7	0.0V-4.3V
03	IC2151	8	1.8V
03	IC2151	9	GND
03	IC2301	1	GND
03	IC2301	2	9.0V-16.0V
03	IC2301	3	NC
03	IC2301	4	GND
03	IC2301	5	3.0V
03	IC2301	6	4.6V
03	IC2301	7	5.0V
03	IC2301	8	NC
03	IC2301	9	GND
03	IC2301	10	BU
03	IC2301	11	4.0V-16.0V
03	IC2301	12	5.0V
03	IC2301	13	GND
03	IC2301	14	4.8V
03	IC2301	15	0.8V
03	IC2301	16	0.6V
03	IC2401	1	GND
03	IC2401	2	9.0V-16.0V
03	IC2401	3	NC
03	IC2401	4	GND
03	IC2401	5	3.0V
03	IC2401	6	4.0V
03	IC2401	7	4.2V
03	IC2401	8	5.0V
03	IC2401	9	GND
03	IC2401	10	BU
03	IC2401	11	4.0V-15.0V
03	IC2401	12	5.0V
03	IC2401	13	GND
03	IC2401	14	4.0V
03	IC2401	15	0.8V
03	IC2401	16	0.6V
03	IC2501	1	GND
03	IC2501	2	9.0V-16.0V

BLOCK	SYMBOL	PIN NO.	EE
03	IC2501	3	NC
03	IC2501	4	GND
03	IC2501	5	3.0V
03	IC2501	6	4.0V
03	IC2501	7	3.4V
03	IC2501	8	5V
03	IC2501	9	GND
03	IC2501	10	BU
03	IC2501	11	4.0V(BU+1.0V)
03	IC2501	12	4.4V
03	IC2501	13	GND
03	IC2501	14	4.2V
03	IC2501	15	0.8V
03	IC2501	16	0.6V
03	IC2502	1	GND
03	IC2502	2	GND
03	IC2502	3	5.0V
03	IC2502	4	5.1V
03	IC2502	5	5.1V
03	IC2502	6	0.0V-3.0V
03	IC2701	1	NC
03	IC2701	2	GND
03	IC2701	3	3.3V
03	IC2701	4	5.0V
03	IC2701	5	3.3V
03	IC2702	1	NC
03	IC2702	2	GND
03	IC2702	3	3.3V
03	IC2702	4	3.3V
03	IC2702	5	1.5V
03	IC2703	1	NC
03	IC2703	2	GND
03	IC2703	3	3.3V
03	IC2703	4	NC
03	IC2703	5	9.0V-16.0V
03	IC2703	6	9.0V-16.0V
03	IC2703	7	9.0V-16.0V
03	IC2703	8	9.0V-16.0V
03	IC2703	9	9.0V-16.0V
03	IC2703	10	9.0V-16.0V
03	IC2703	11	NC
03	IC2703	12	GND
03	IC2703	13	0.2V
03	IC2703	14	NC
03	IC2703	15	GND
04	IC1	1	3.2V
04	IC1	2	3.2V
04	IC1	3	GND
04	IC1	4	GND
04	IC100	1	3.3V
04	IC100	2	NC
04	IC100	3	2.1V
04	IC100	4	GND
04	IC100	5	4.9V
04	IC100	6	NC
04	IC100	7	NC
04	IC100	8	4.9V
04	IC301	1	GND
04	IC301	2	3.3V
04	IC301	3	1.7V

BLOCK	SYMBOL	PIN NO.	EE
04	IC301	4	3.3V
04	IC302	1	3.3V
04	IC302	2	3.3V
04	IC302	3	GND
04	IC302	4	3.3V
04	IC302	5	3.3V
04	IC303	1	NC
04	IC303	2	3.3V
04	IC303	3	GND
04	IC303	4	3.3V
04	IC303	5	3.3V
04	IC500	1	0.0V-22.0V
04	IC500	2	10.2V-15.8V
04	IC500	3	10.2V-15.8V
04	IC500	4	0.3V
04	IC500	5	1.0V
04	IC500	6	0.4V
04	IC500	7	GND
04	IC500	8	GND
04	IC601	1	NC
04	IC601	2	GND
04	IC601	3	5.0V
04	IC601	4	5.0V
04	IC601	5	3.3V
04	IC300	1	0.0V or 3.3V
04	IC300	2	0.0V or 3.3V
04	IC300	3	0.0V or 3.3V
04	IC300	4	0.0V or 3.3V
04	IC300	5	0.0V or 3.3V
04	IC300	6	3.3V
04	IC300	7	NC
04	IC300	8	NC
04	IC300	9	NC
04	IC300	10	NC
04	IC300	11	0.0V or 3.3V
04	IC300	12	3.3V
04	IC300	13	0.0V
04	IC300	14	0.0V
04	IC300	15	0.0V or 3.3V
04	IC300	16	0.0V or 3.3V
04	IC300	17	0.0V or 3.3V
04	IC300	18	0.0V or 3.3V
04	IC300	19	0.0V or 3.3V
04	IC300	20	0.0V or 3.3V
04	IC300	21	3.3V or 0.0V-3.3V
04	IC300	22	0.0V-3.3V
04	IC300	23	3.30V
04	IC300	24	GND
04	IC300	25	3.3V
04	IC300	26	0.0V or 3.3V
04	IC300	27	0.0V or 3.3V
04	IC300	28	0.0V or 3.3V
04	IC300	29	0V
04	IC300	30	0V
04	IC300	31	0V
04	IC300	32	0V
04	IC300	33	NC
04	IC300	34	NC
04	IC300	35	NC
04	IC300	36	NC

BLOCK	SYMBOL	PIN NO.	EE
04	IC300	37	0.0V or 3.3V
04	IC300	38	NC
04	IC300	39	NC
04	IC300	40	0.0V or 3.3V
04	IC300	41	NC
04	IC300	42	0.0V or 3.3V
04	IC300	43	0.0V or 3.3V
04	IC300	44	0.0V
04	IC300	45	NC
04	IC300	46	2.5V
04	IC300	47	GND
04	IC300	48	3.3V
04	IC600	1	NC
04	IC600	2	GND
04	IC600	3	3.3V
04	IC600	4	GND
04	IC600	5	0.0V-3.3V
04	IC600	6	0.0V-3.3V
04	IC600	7	0.0V-3.3V
04	IC600	8	0.0V-3.3V
04	IC600	9	0.0V-3.3V
04	IC600	10	0.0V-3.3V
04	IC600	11	0.0V-3.3V
04	IC600	12	0.0V-3.3V
04	IC600	13	0.0V-3.3V
04	IC600	14	0.0V-3.3V
04	IC600	15	0.0V-3.3V
04	IC600	16	GND
04	IC600	17	3.30V
04	IC600	18	0.0V-3.3V
04	IC600	19	0.0V-3.3V
04	IC600	20	0.0V-3.3V
04	IC600	21	0.0V-3.3V
04	IC600	22	0.0V-3.3V
04	IC600	23	0.0V-3.3V
04	IC600	24	NC
04	IC600	25	NC
04	IC600	26	NC
04	IC600	27	NC
04	IC600	28	NC
04	IC600	29	NC
04	IC600	30	GND
04	IC600	31	3.3V
04	IC600	32	NC
04	IC600	33	NC
04	IC600	34	NC
04	IC600	35	3.3V
04	IC600	36	NC
04	IC600	37	3.3V
04	IC600	38	GND
04	IC600	39	3.3V
04	IC600	40	0.0V-3.3V
04	IC600	41	0.0V-3.3V
04	IC600	42	0.0V-3.3V
04	IC600	43	3.3V
04	IC600	44	3.3V
04	IC600	45	0.0V
04	IC600	46	GND
04	IC600	47	0.0V-3.3V
04	IC600	48	3.3V

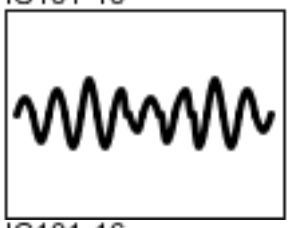
BLOCK	SYMBOL	PIN NO.	EE
04	IC600	49	0.0V
04	IC600	50	GND
04	IC600	51	3.3V
04	IC600	52	1.25V
04	IC600	53	GND
04	IC600	54	0.0V-3.3V
04	IC600	55	0.0V-3.3V
04	IC600	56	0.0V-3.3V
04	IC600	57	0.0V-3.3V
04	IC600	58	0.0V-3.3V
04	IC600	59	0.0V-3.3V
04	IC600	60	NC
04	IC600	61	NC
04	IC600	62	3.3V
04	IC600	63	3.3V
04	IC600	64	NC
04	IC600	65	NC
04	IC600	66	3.3V
04	IC600	67	GND
04	IC600	68	NC
04	IC600	69	NC
04	IC600	70	0.0V-3.3V
04	IC600	71	0.0V-3.3V
04	IC600	72	0.0V-3.3V
04	IC600	73	0.0V-3.3V
04	IC600	74	0.0V-3.3V
04	IC600	75	0.0V-3.3V
04	IC600	76	0.0V-3.3V
04	IC600	77	0.0V-3.3V
04	IC600	78	0.0V-3.3V
04	IC600	79	0.0V-3.3V
04	IC600	80	3.3V
04	IC600	81	GND
04	IC600	82	0.0V-3.3V
04	IC600	83	0.0V-3.3V
04	IC600	84	0.0V-3.3V
04	IC600	85	0.0V-3.3V
04	IC600	86	0.0V-3.3V
04	IC600	87	0.0V-3.3V
04	IC600	88	0.0V-3.3V
04	IC600	89	0.0V-3.3V
04	IC600	90	0.0V-3.3V
04	IC600	91	0.0V-3.3V
04	IC600	92	0.0V-3.3V
04	IC600	93	GND
04	IC600	94	3.3V
04	IC600	95	GND
04	IC600	96	NC
04	IC600	97	NC
04	IC600	98	3.3V
04	IC600	99	0.0V-1.7V
04	IC600	100	0.0V-1.7V
04	IC600	101	0.0V-1.7V
04	IC600	102	0.0V-1.7V
04	IC600	103	0.0V-1.7V
04	IC600	104	0.0V-1.7V
04	IC600	105	0.0V-1.7V
04	IC600	106	0.0V-1.7V
04	IC600	107	0.0V-1.7V
04	IC600	108	0.0V-1.7V

BLOCK	SYMBOL	PIN NO.	EE
04	IC600	109	0.0V-1.7V
04	IC600	110	0.0V-1.7V
04	IC600	111	0.0V-1.7V
04	IC600	112	GND
04	IC600	113	3.3V
04	IC600	114	NC
04	IC600	115	0.0V-1.7V
04	IC600	116	0.0V-1.7V
04	IC600	117	0.0V-1.7V
04	IC600	118	0.0V-1.7V
04	IC600	119	0.0V-1.7V
04	IC600	120	0.0V-1.7V
04	IC600	121	0.0V-1.7V
04	IC600	122	0.0V-1.7V
04	IC600	123	NC
04	IC600	124	NC
04	IC600	125	NC
04	IC600	126	NC
04	IC600	127	3.3V
04	IC600	128	NC
04	IC700	1	GND
04	IC700	2	12.2V-14.4V
04	IC700	3	7.0V-12.0V
04	IC700	4	8.2V
04	IC700	5	12.4V-14.4V
04	IC700	6	0.0V
04	IC700	7	0.0V-5.5V
04	IC700	8	5.0V
04	IC700	9	0.0V
04	IC700	10	0.0-3.1V
04	IC700	11	0.6V (0.0V-2.0V)
04	IC700	12	0.6V (0.0V-2.0V)
04	IC700	13	GND
04	IC700	14	0.6V (0.0V-2.0V)
04	IC700	15	0.6V (0.0V-2.0V)
04	IC700	16	0.0V
04	IC700	17	1.8V
04	IC700	18	3.1V
04	IC700	19	5.0V
04	IC700	20	0.0V
04	IC700	21	0.0V
04	IC700	22	3.2V
04	IC700	23	4.5V-4.9V
04	IC700	24	0.0V-27.0V

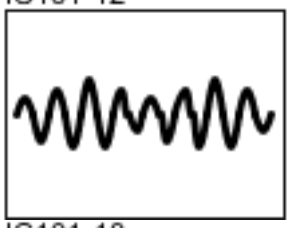
BLOCK	SYMBOL	PIN NO.	EE

WAVEFORMS

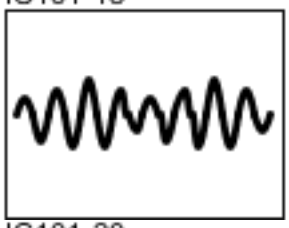
IC101-10



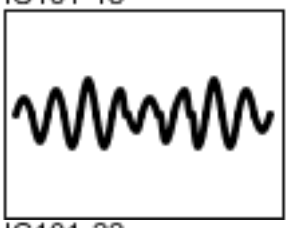
IC101-12



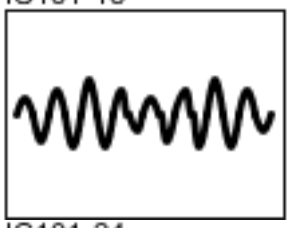
IC101-13



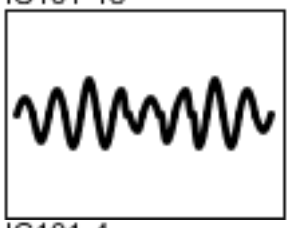
IC101-15



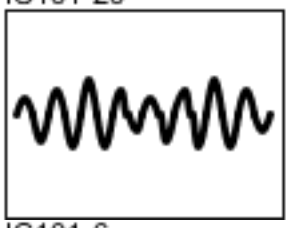
IC101-16



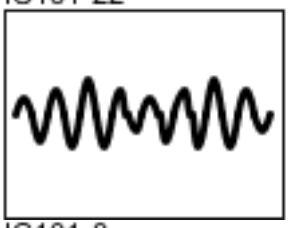
IC101-18



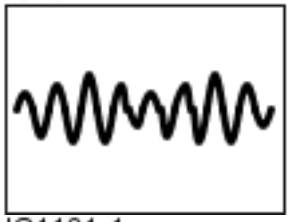
IC101-20



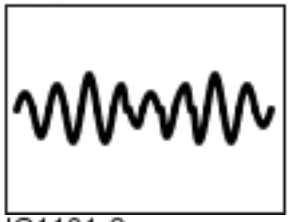
IC101-22



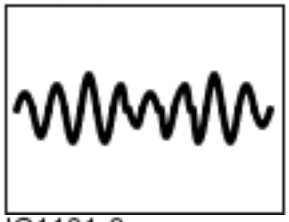
IC101-24



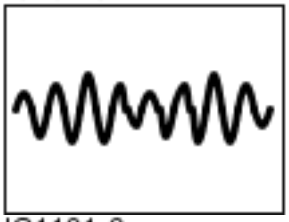
IC101-4



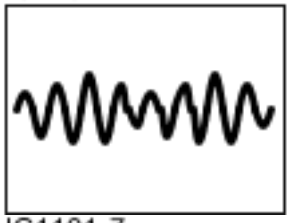
IC101-6



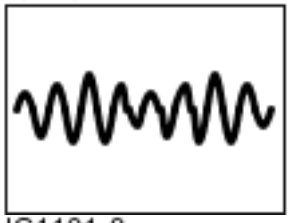
IC101-8



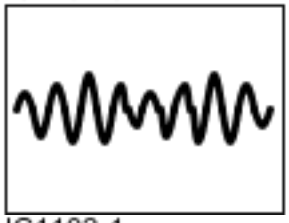
IC1101-1



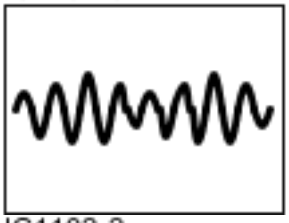
IC1101-2



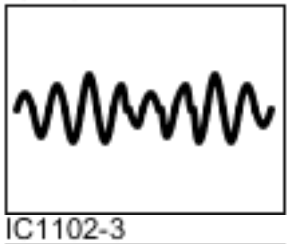
IC1101-3



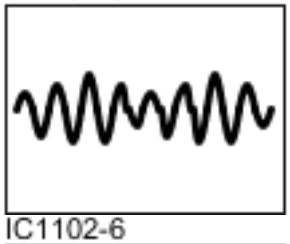
IC1101-6



IC1101-7



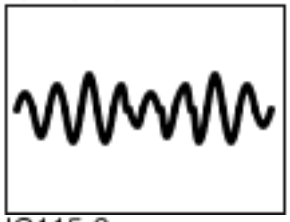
IC1101-8



IC1102-1

IC1102-2

IC1102-3



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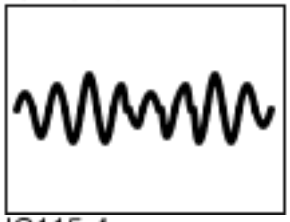

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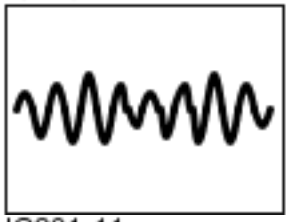
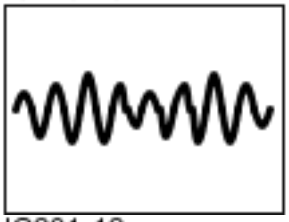
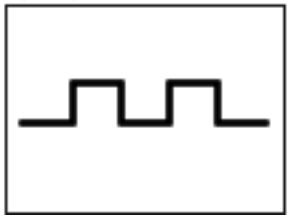


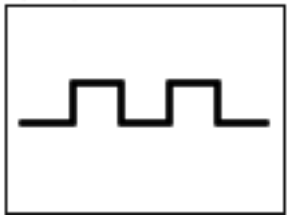
IC1102-8



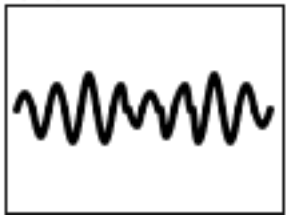
IC115-2



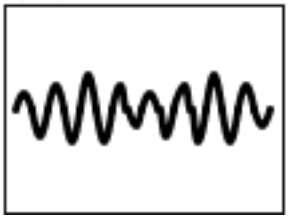
IC115-4



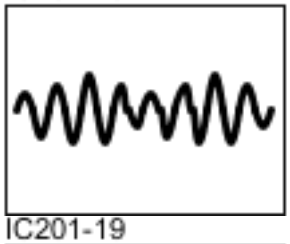
IC201-11



IC201-12

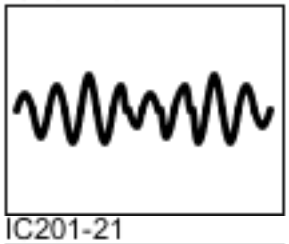


IC201-13



IC201-14

IC201-15



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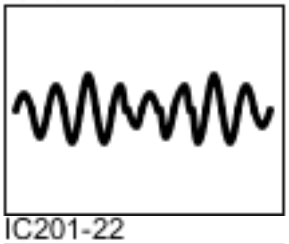
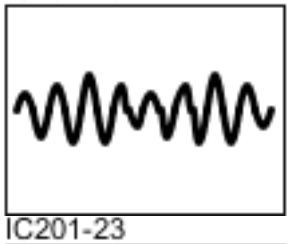
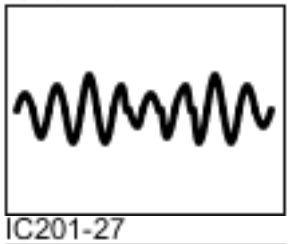


IC201-19



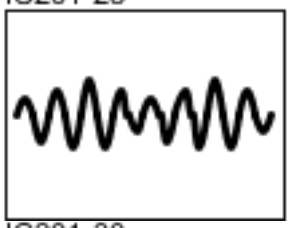
IC201-20



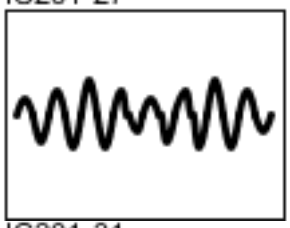
IC201-21

IC201-22

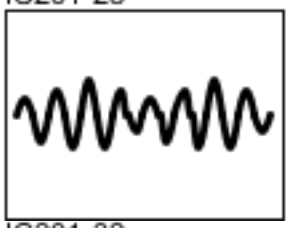
IC201-23



IC201-27



IC201-28



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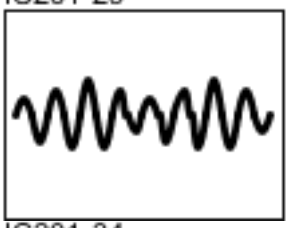
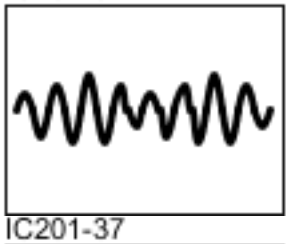


IC201-30

IC201-31

IC201-32



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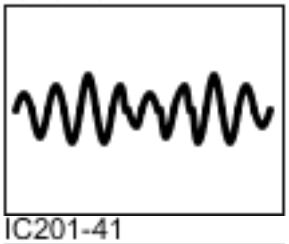
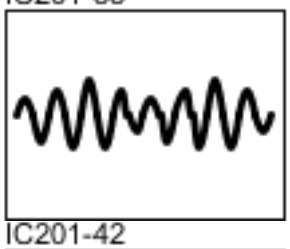
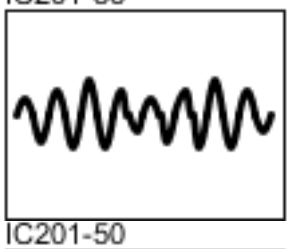


IC201-35



IC201-36



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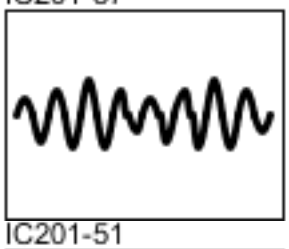

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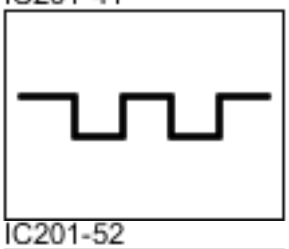

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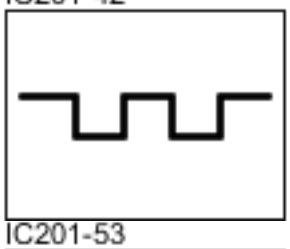

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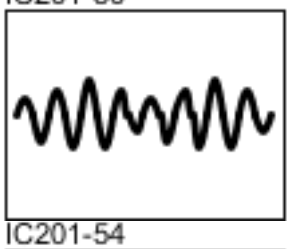

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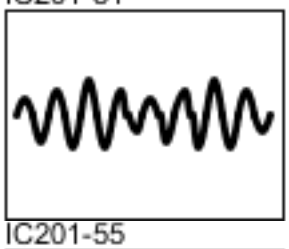

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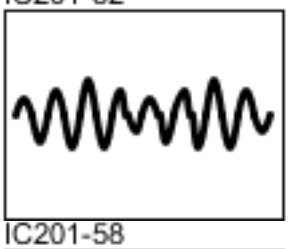

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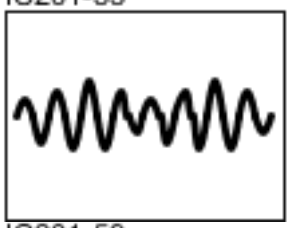

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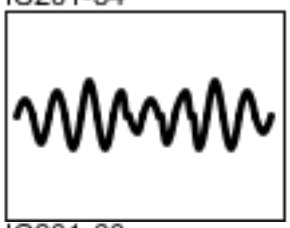

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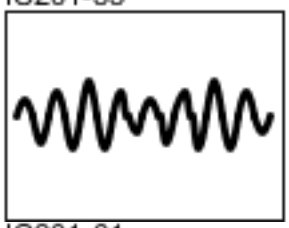

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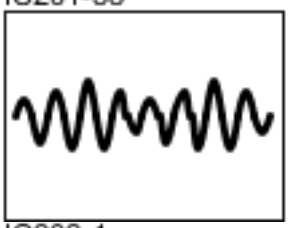

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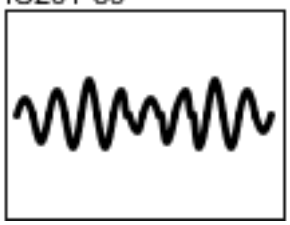

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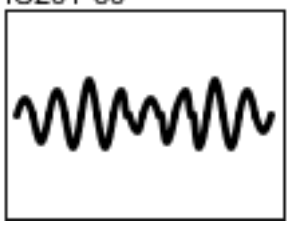

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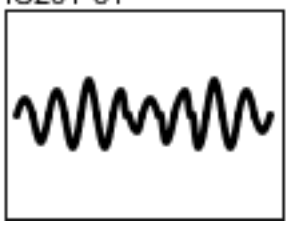

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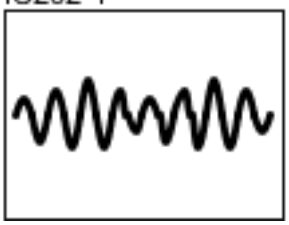
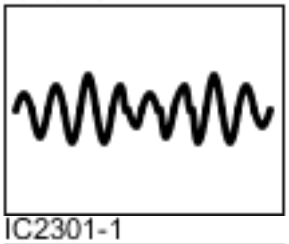


IC202-2

IC202-6

IC202-7

IC202-8



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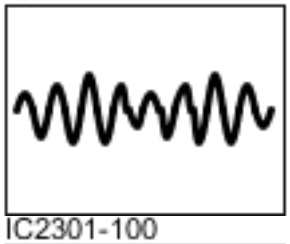

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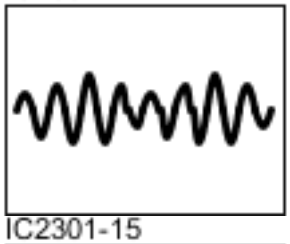

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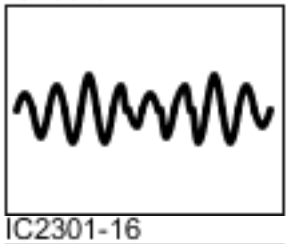
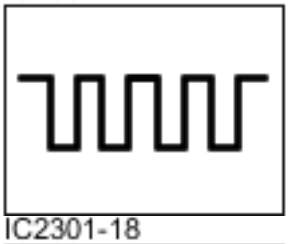


IC2301-1



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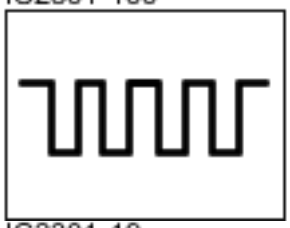

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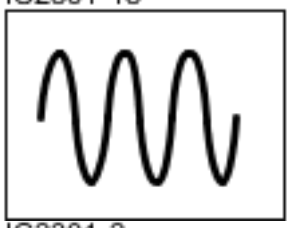

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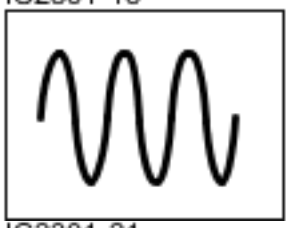

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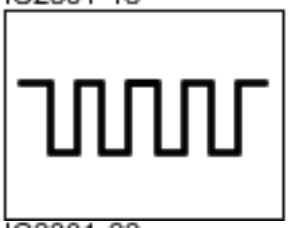

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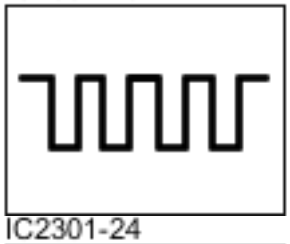

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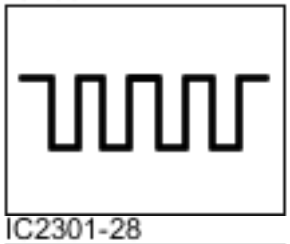

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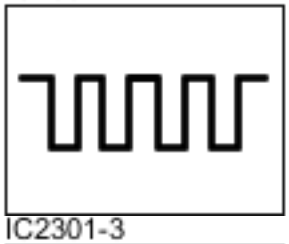

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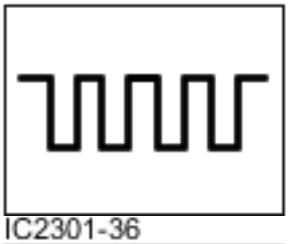

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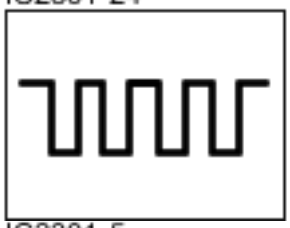

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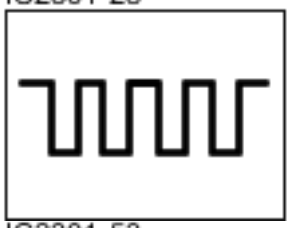

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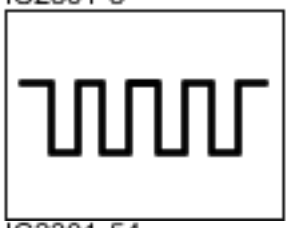
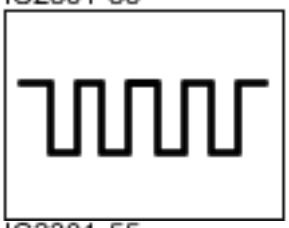


IC2301-36



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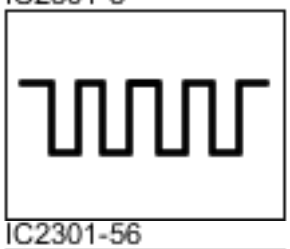
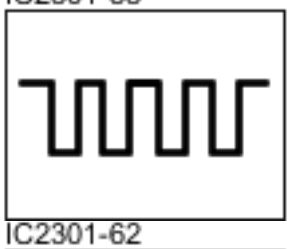


IC2301-53



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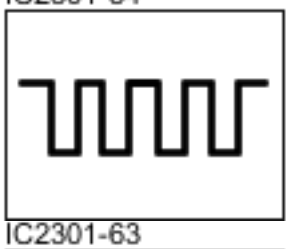

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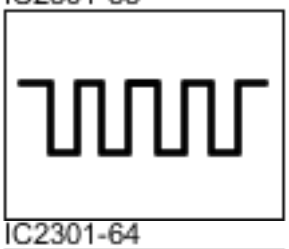

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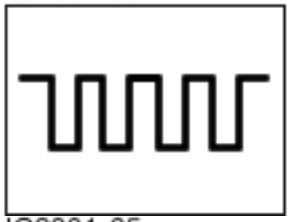
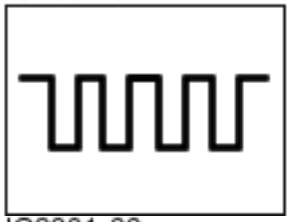


IC2301-62



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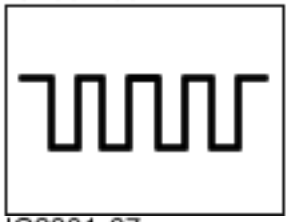

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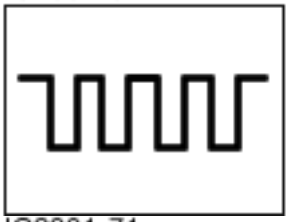

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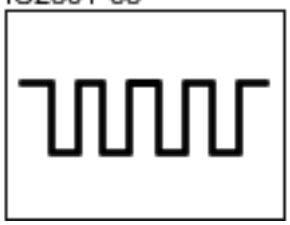

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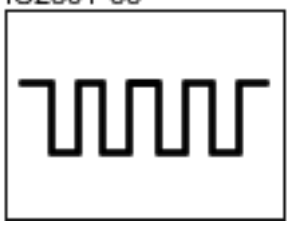

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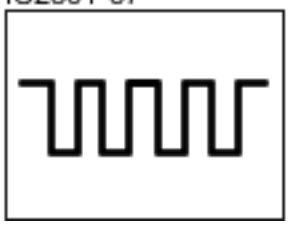
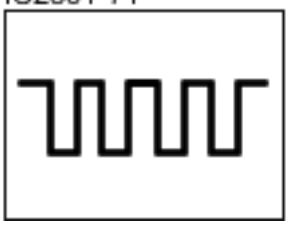


IC2301-71



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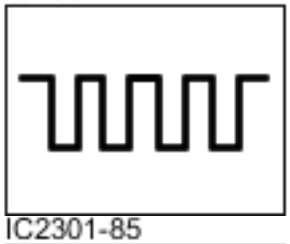

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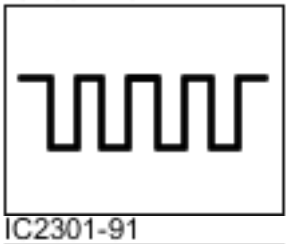
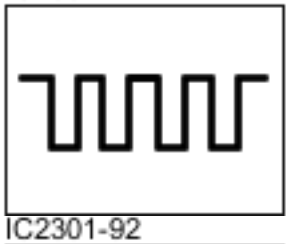


IC2301-77



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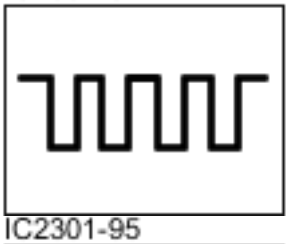
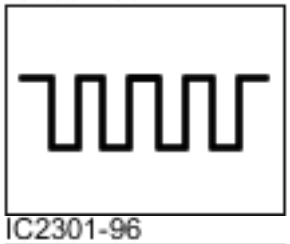
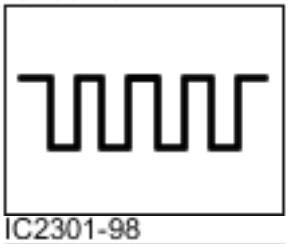


IC2301-85



IC2301-91



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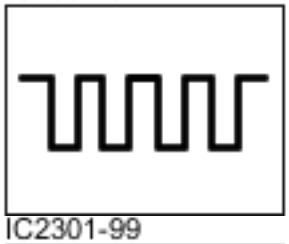
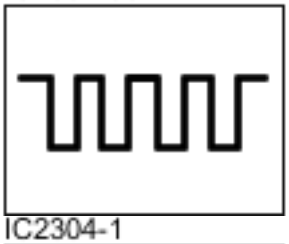
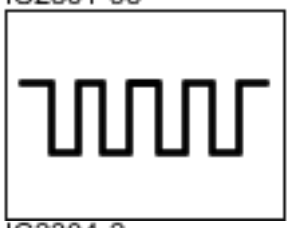


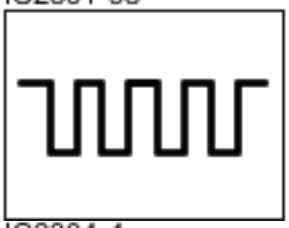
IC2301-95



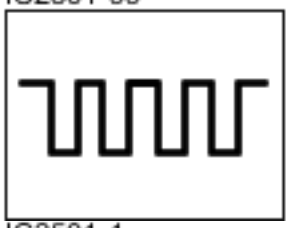
IC2301-96



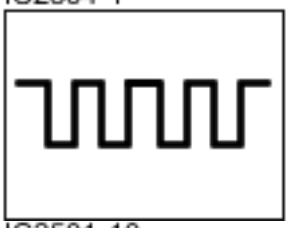
IC2301-98



IC2301-99



IC2304-1



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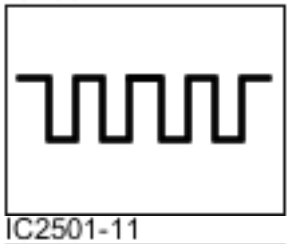

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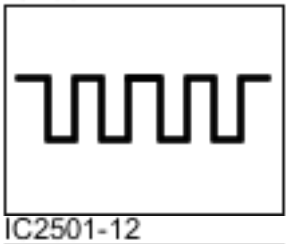

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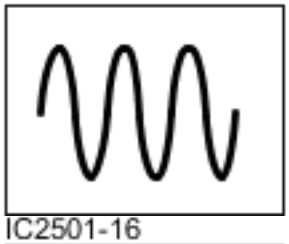

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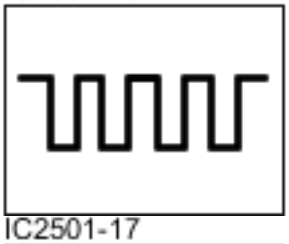

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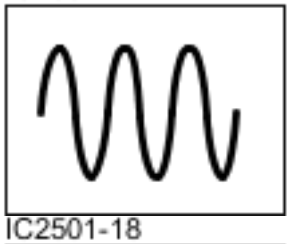

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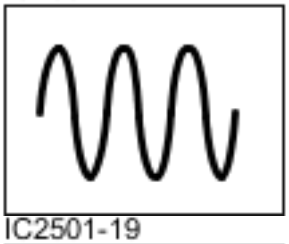

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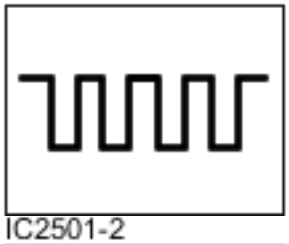

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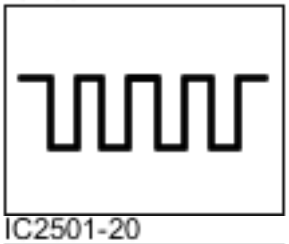

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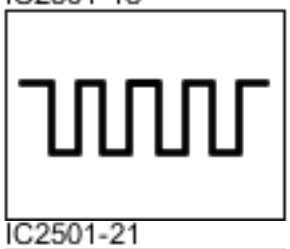

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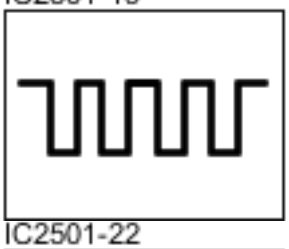

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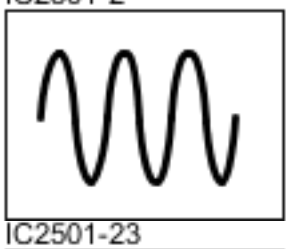

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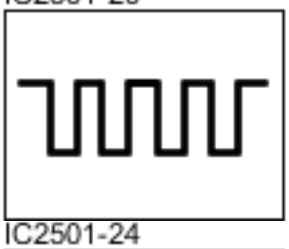

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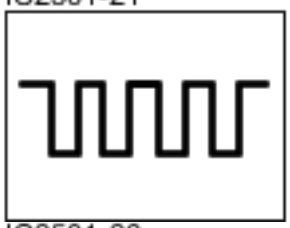

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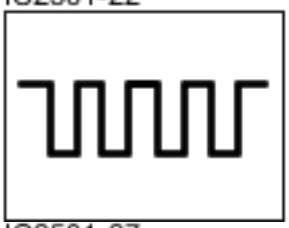

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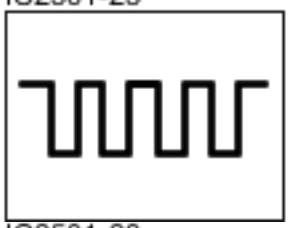

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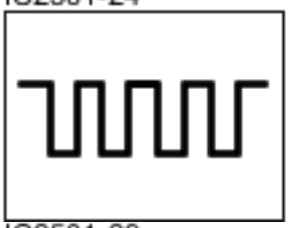

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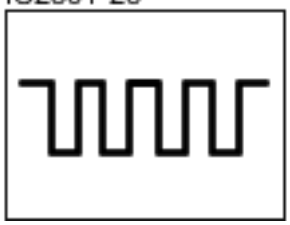

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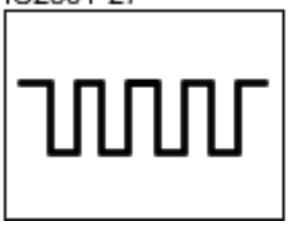

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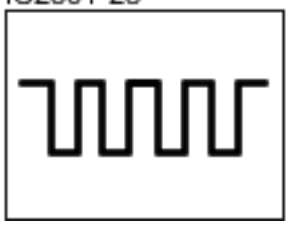

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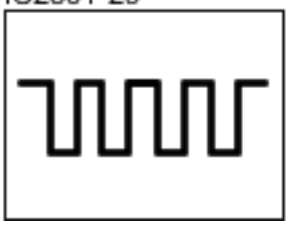

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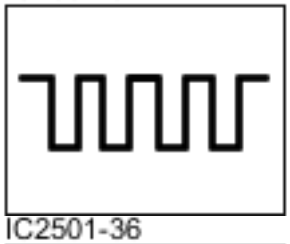

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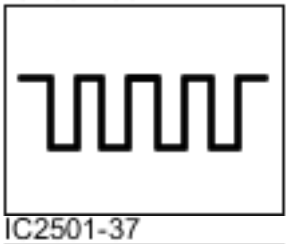

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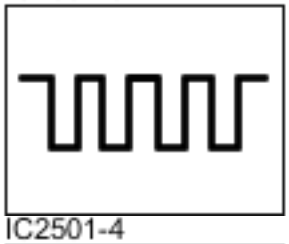

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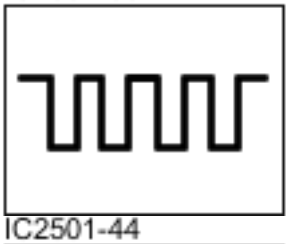

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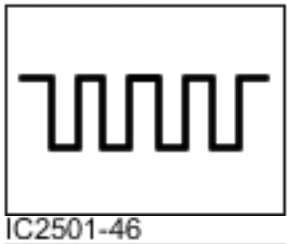

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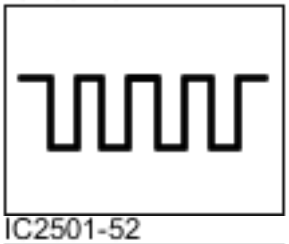

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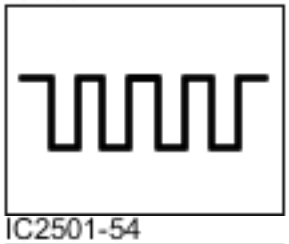

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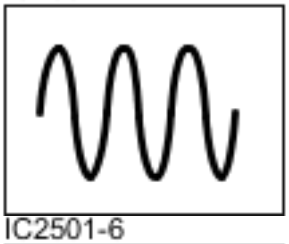

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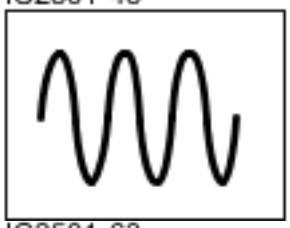

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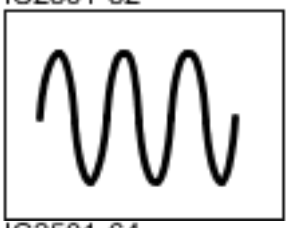

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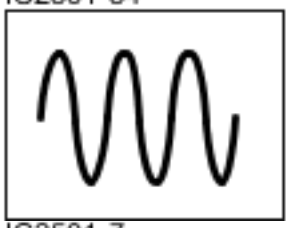
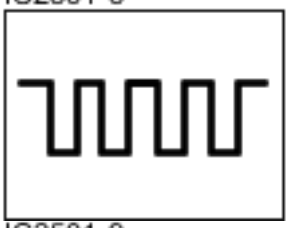


IC2501-6



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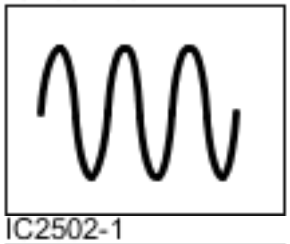

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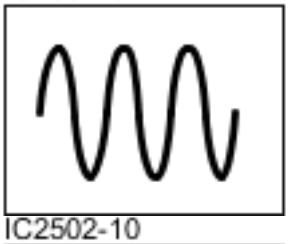
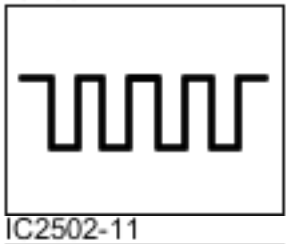


IC2501-7



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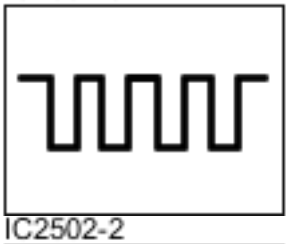

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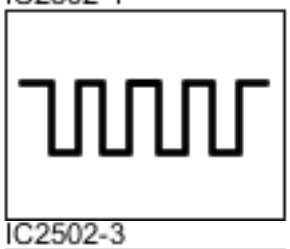
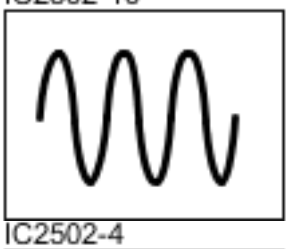
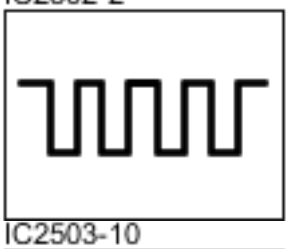


IC2502-10



IC2502-11

IC2502-2



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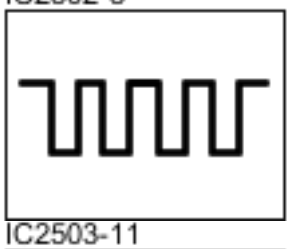

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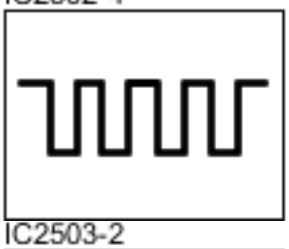
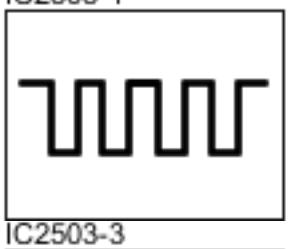
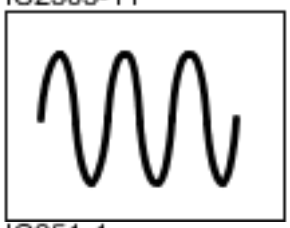


IC2503-1



IC2503-10

IC2503-11



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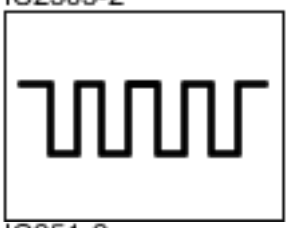

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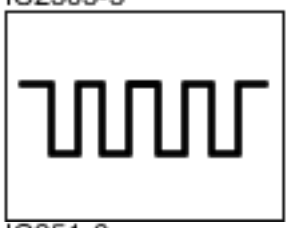

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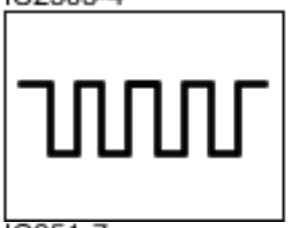
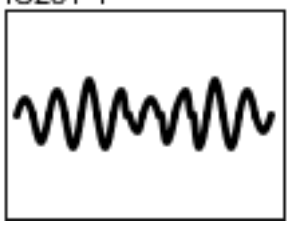
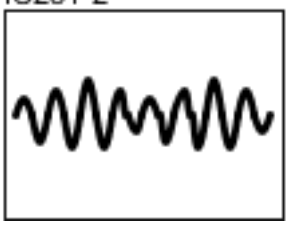


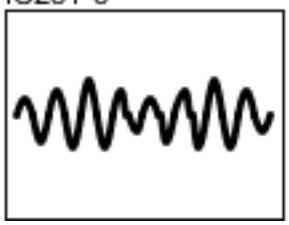
IC251-1



IC251-2



IC251-6



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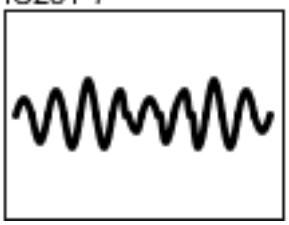
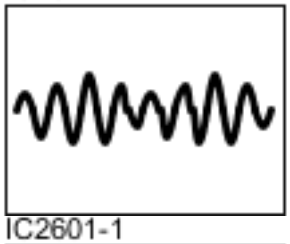
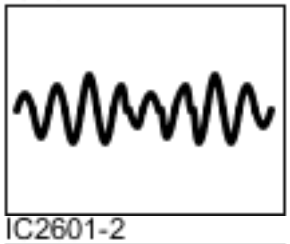


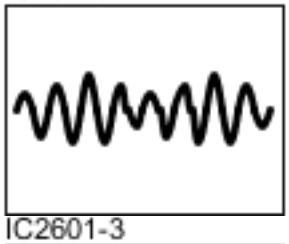
IC252-1



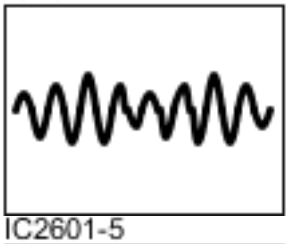
IC252-2



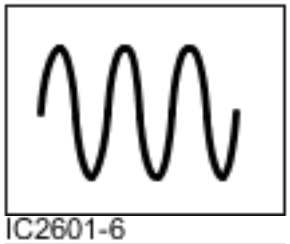
IC252-6



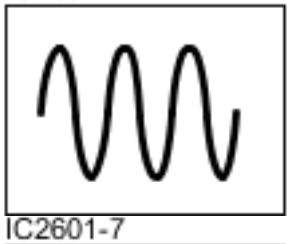
IC252-7



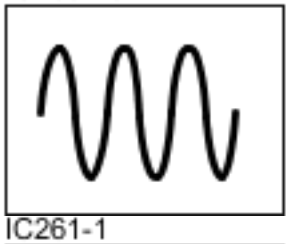
IC2601-1



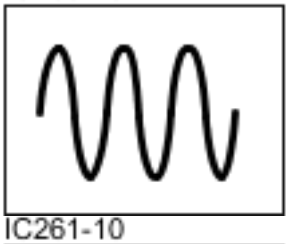
IC2601-2



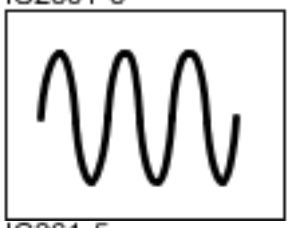
IC2601-3



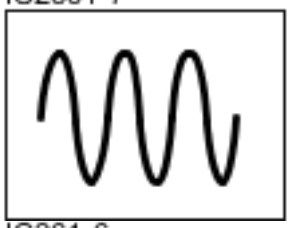
IC2601-5



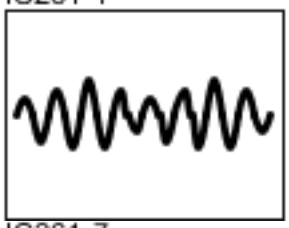
IC2601-6



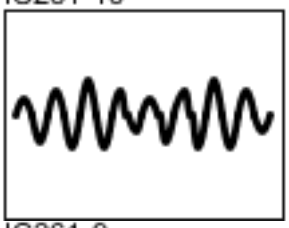
IC2601-7



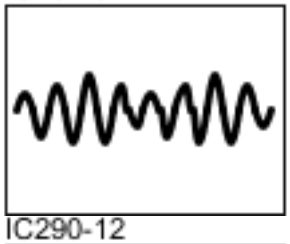
IC261-1



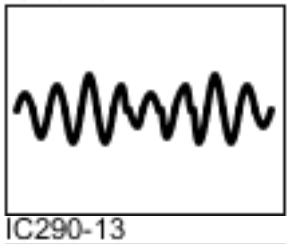
IC261-10



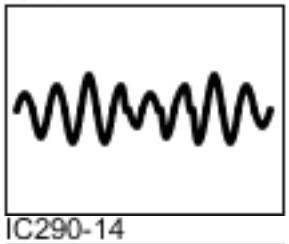
IC261-5



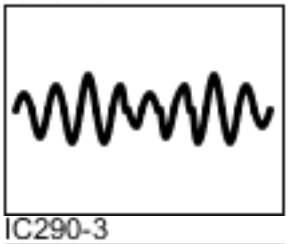
IC261-6



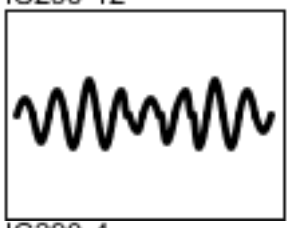
IC261-7



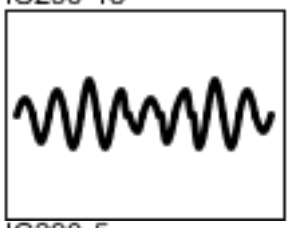
IC261-9



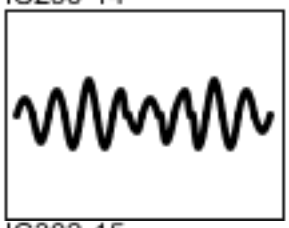
IC290-12



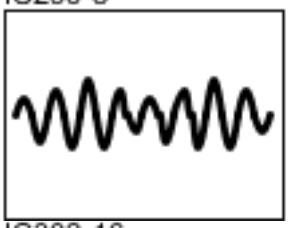
IC290-13



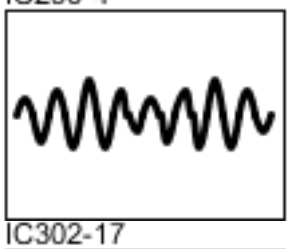
IC290-14



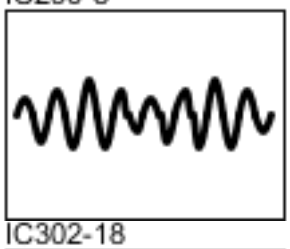
IC290-3



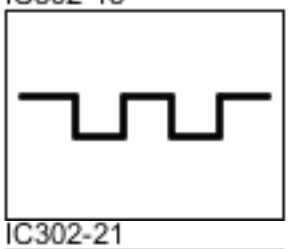
IC290-4



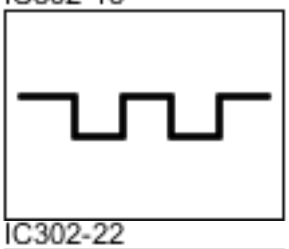
IC290-5



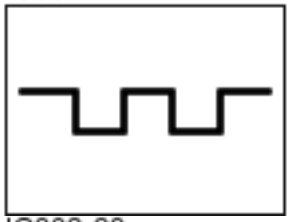
IC302-15



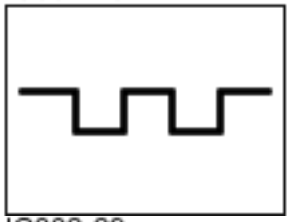
IC302-16



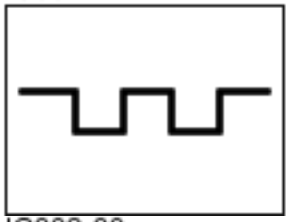
IC302-17



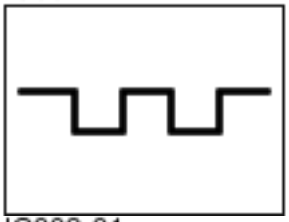
IC302-18



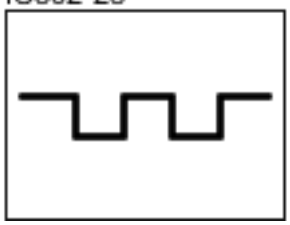
IC302-21



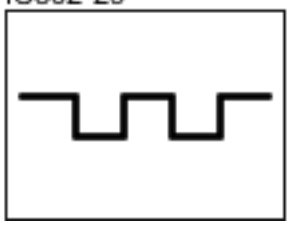
IC302-22



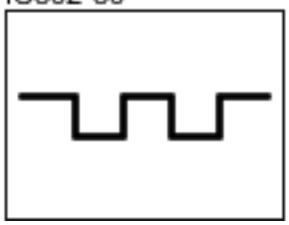
IC302-28



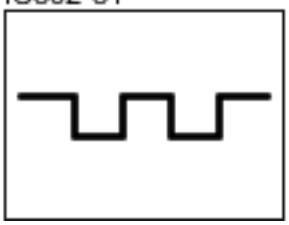
IC302-29



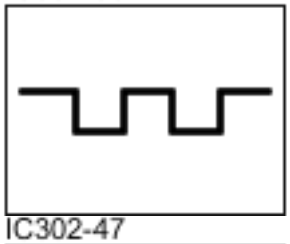
IC302-30



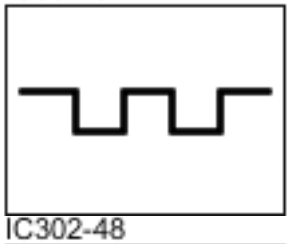
IC302-31



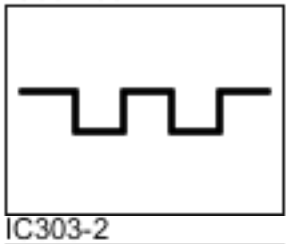
IC302-36



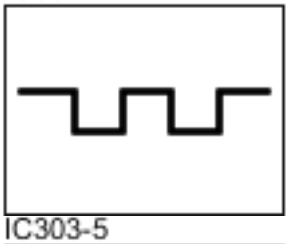
IC302-37



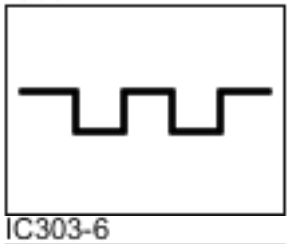
IC302-38



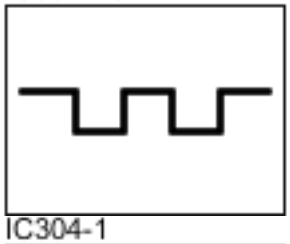
IC302-42



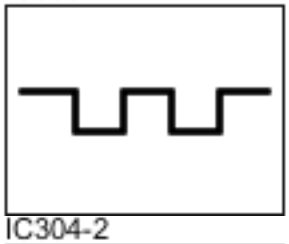
IC302-47



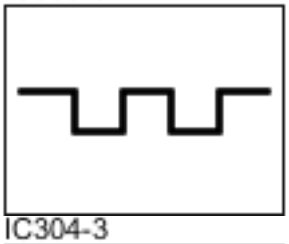
IC302-48



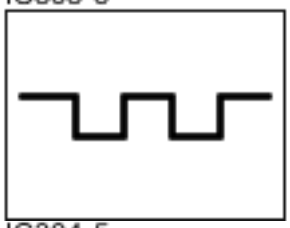
IC303-2



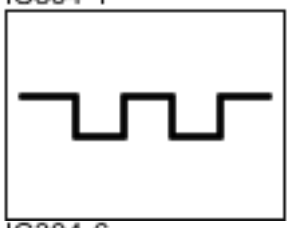
IC303-5



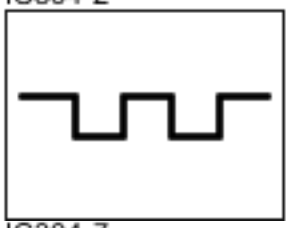
IC303-6



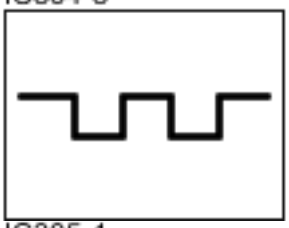
IC304-1



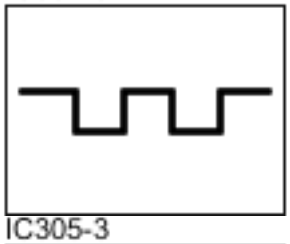
IC304-2



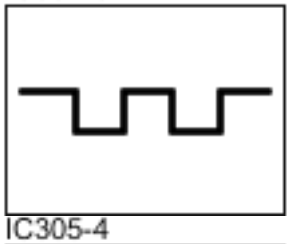
IC304-3



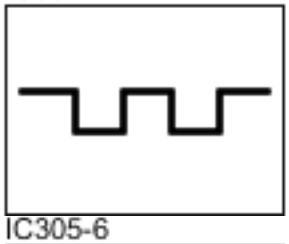
IC304-5



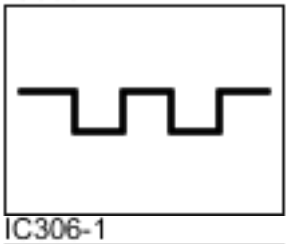
IC304-6



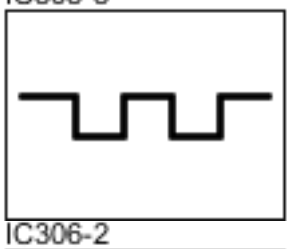
IC304-7



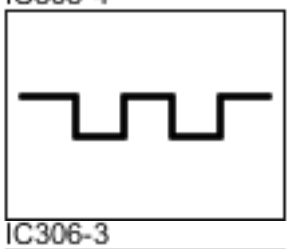
IC305-1



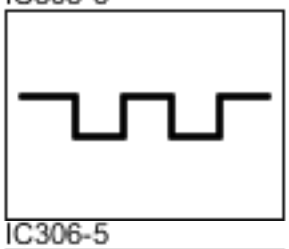
IC305-3



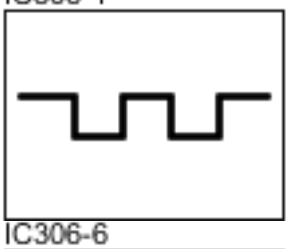
IC305-4



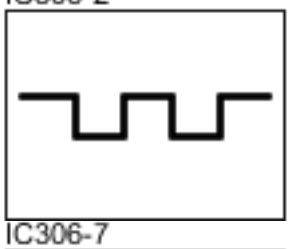
IC305-6



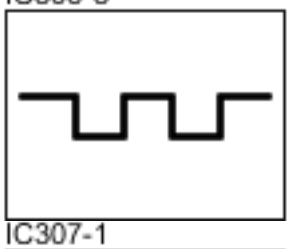
IC306-1



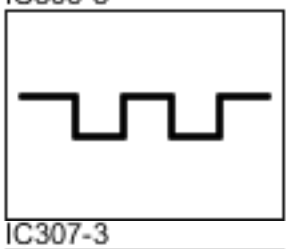
IC306-2



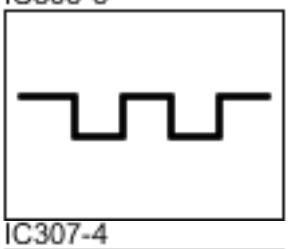
IC306-3



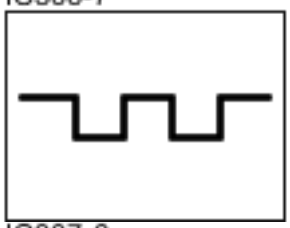
IC306-5



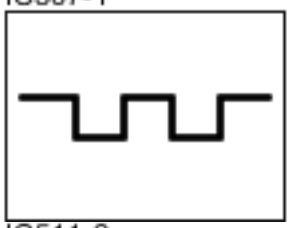
IC306-6



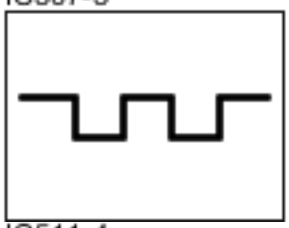
IC306-7



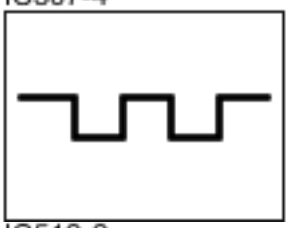
IC307-1



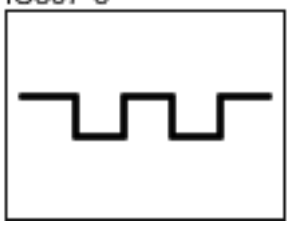
IC307-3



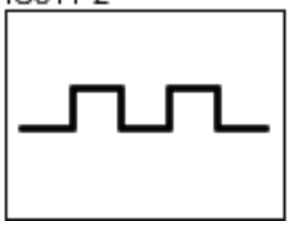
IC307-4



IC307-6



IC511-2



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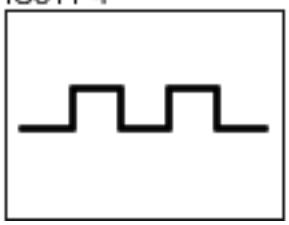

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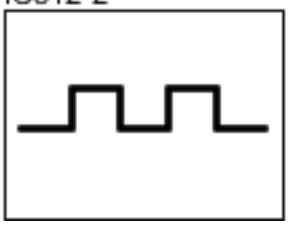

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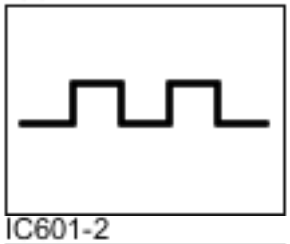
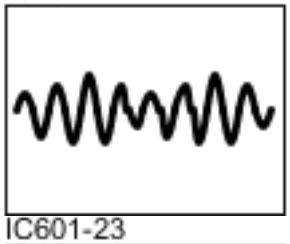
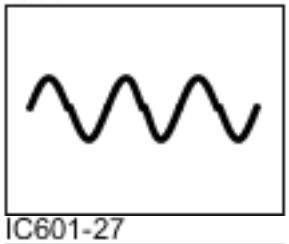


IC601-1



IC601-14



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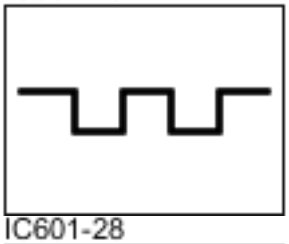
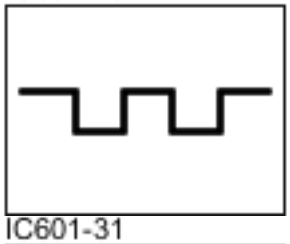


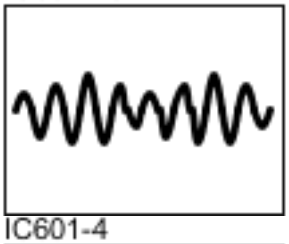
IC601-2

IC601-23

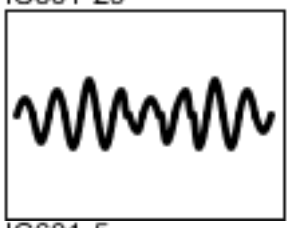


IC601-27

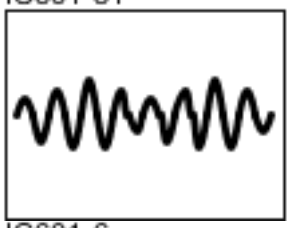
IC601-28



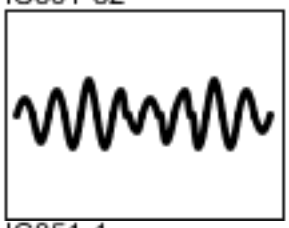
IC601-29



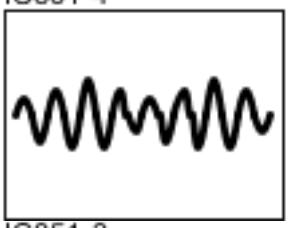
IC601-31



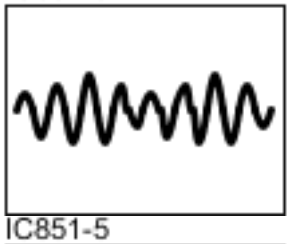
IC601-32



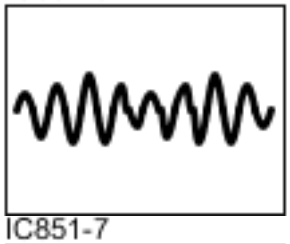
IC601-4



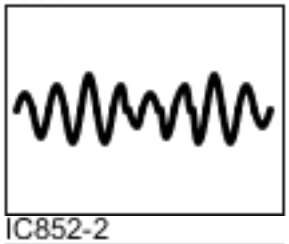
IC601-5



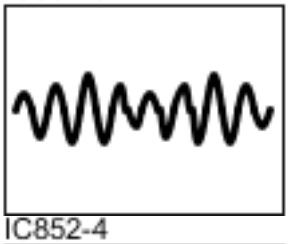
IC601-6



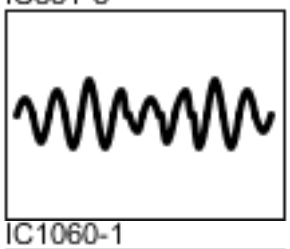
IC851-1



IC851-3



IC851-5



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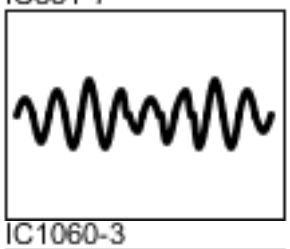

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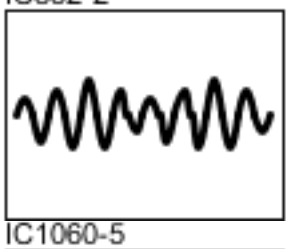
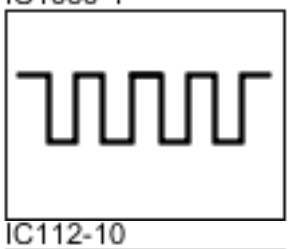


IC852-4

IC1060-1



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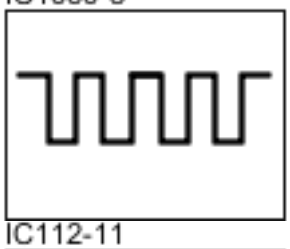

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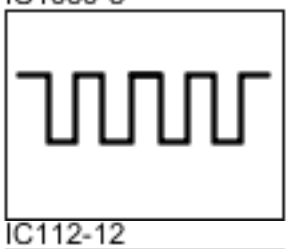

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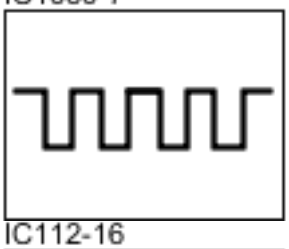
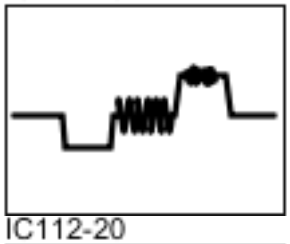
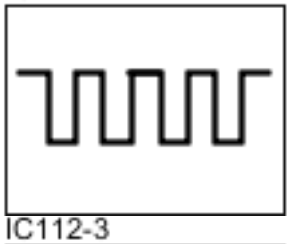


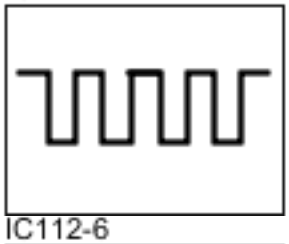
IC112-10



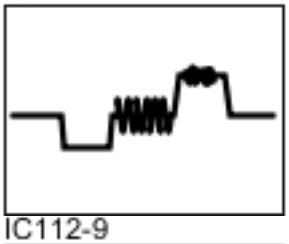
IC112-11



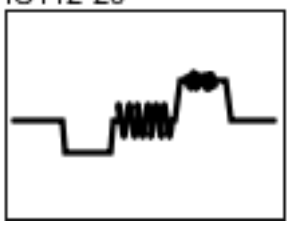
IC112-12



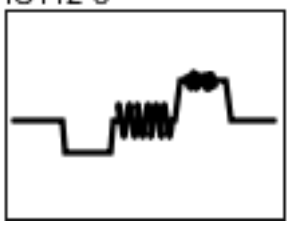
IC112-16



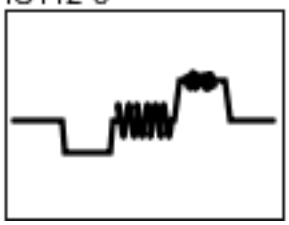
IC112-20



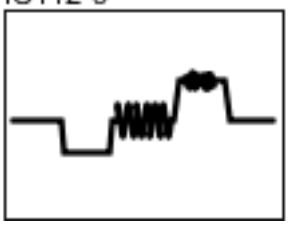
IC112-3



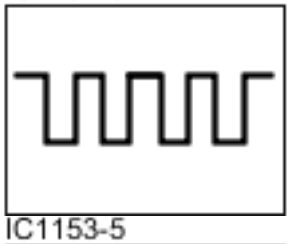
IC112-6



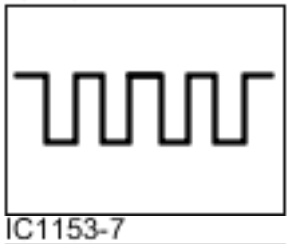
IC112-9



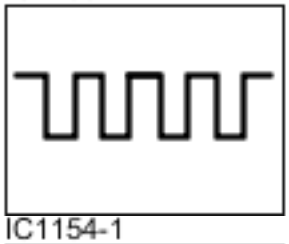
IC1152-5



IC1152-7



IC1153-1



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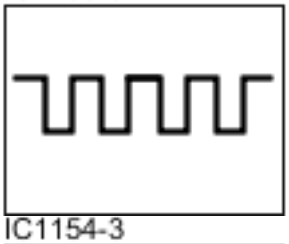

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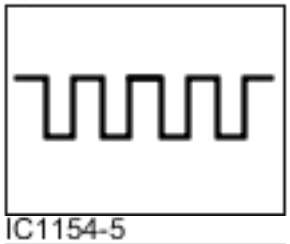

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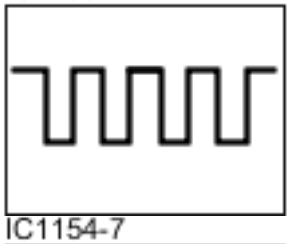
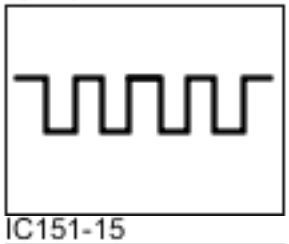


IC1154-1



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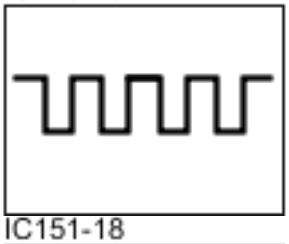

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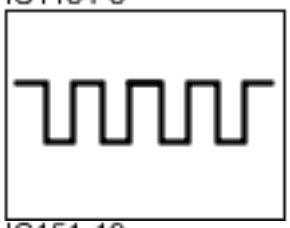

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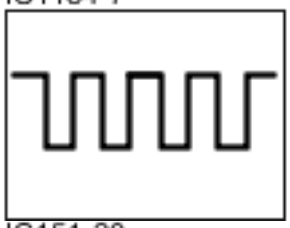
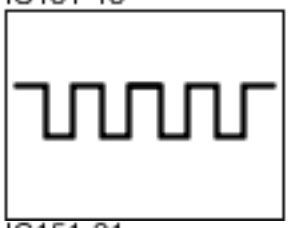
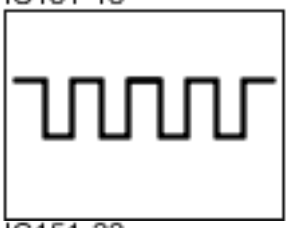


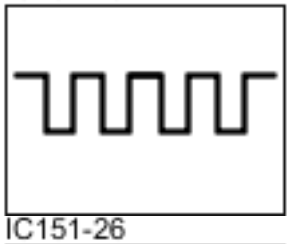
IC151-15



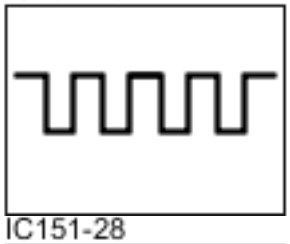
IC151-18



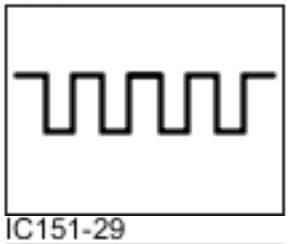
IC151-19



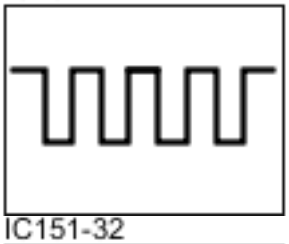
IC151-20



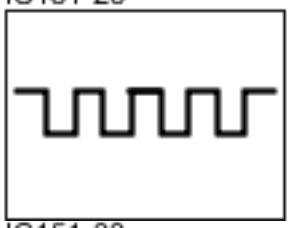
IC151-21



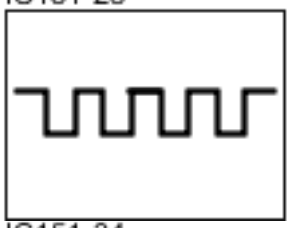
IC151-22



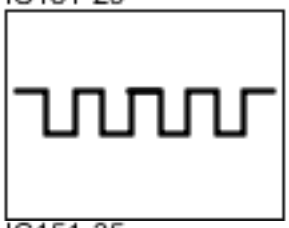
IC151-26



IC151-28



IC151-29



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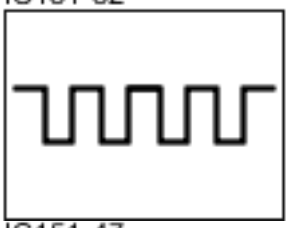

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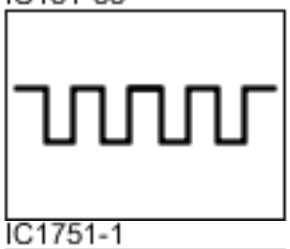

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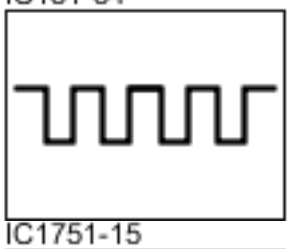

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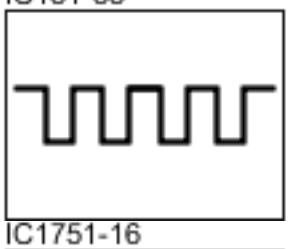

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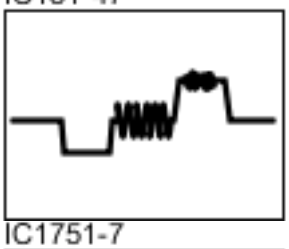

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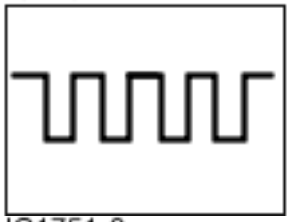

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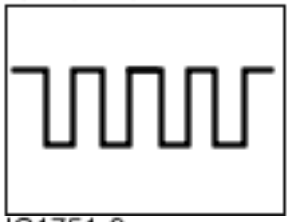

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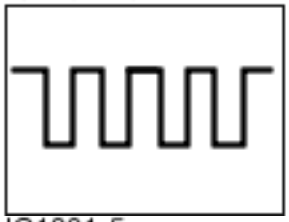

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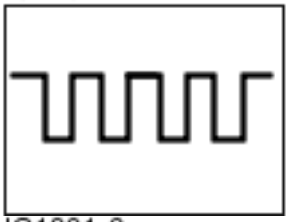

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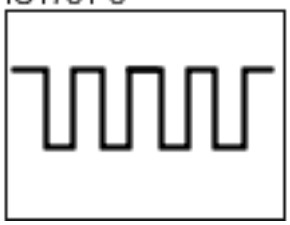

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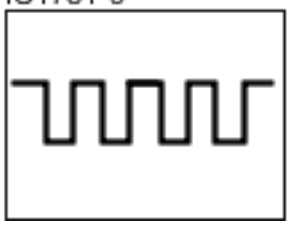

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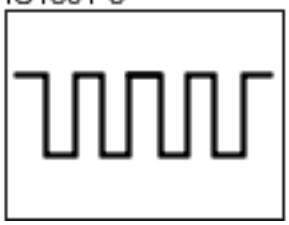

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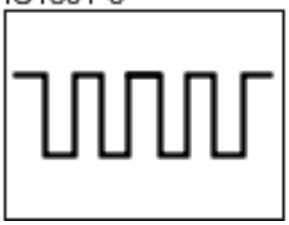

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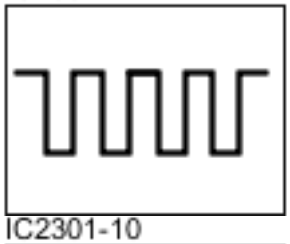

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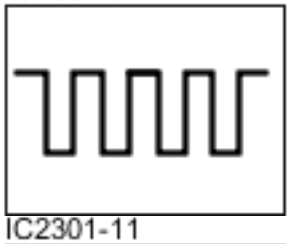

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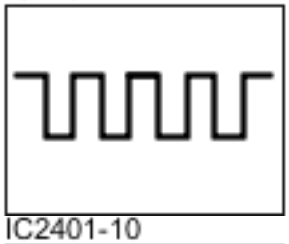

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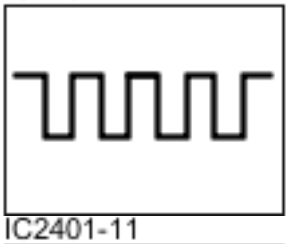

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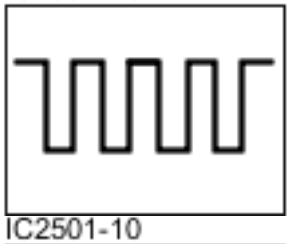

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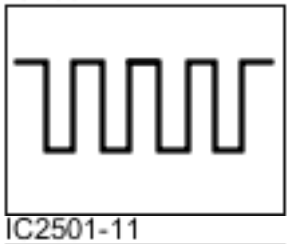

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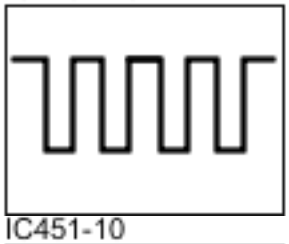

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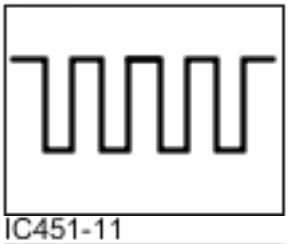

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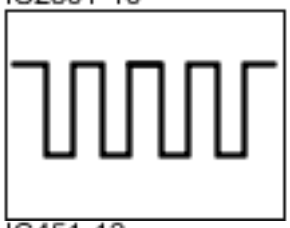

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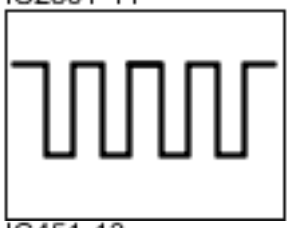

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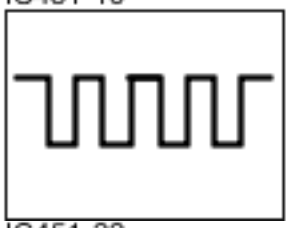

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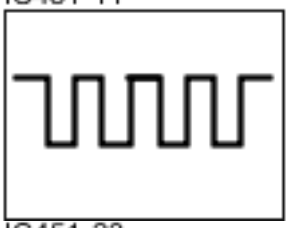

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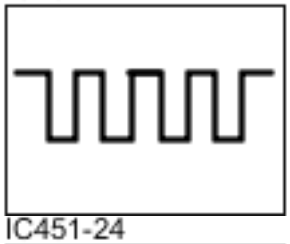

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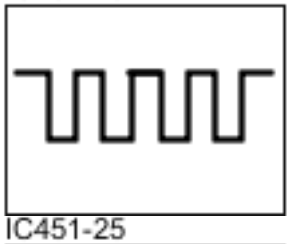

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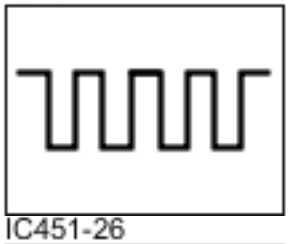

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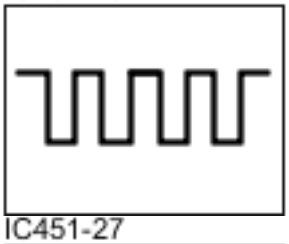

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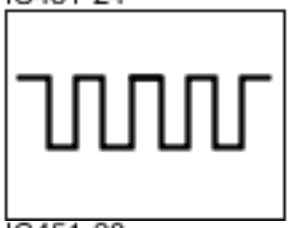

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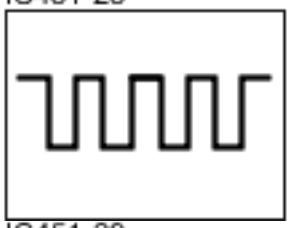
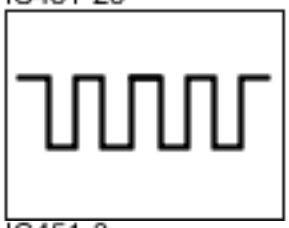
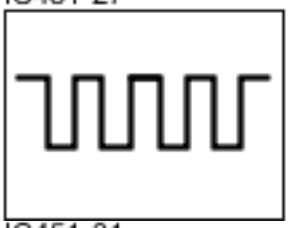


IC451-26



IC451-27



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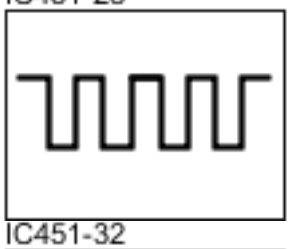

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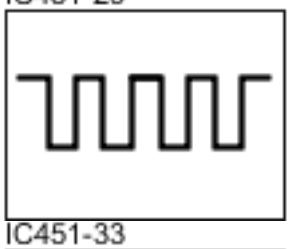

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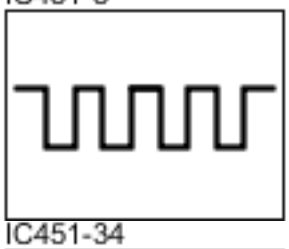

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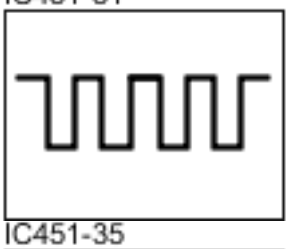

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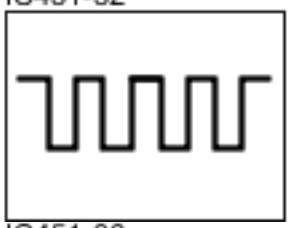

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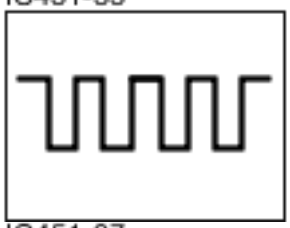

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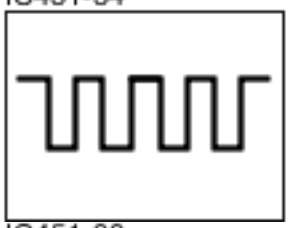

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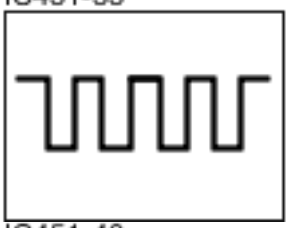

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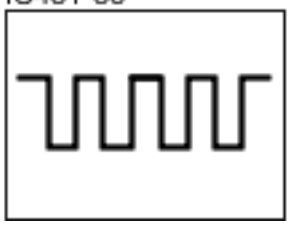

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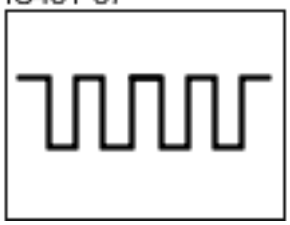

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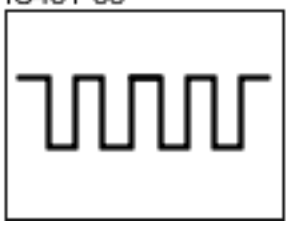
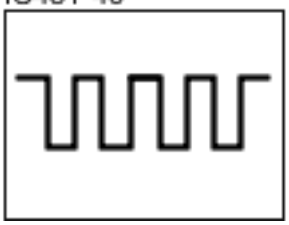


IC451-40



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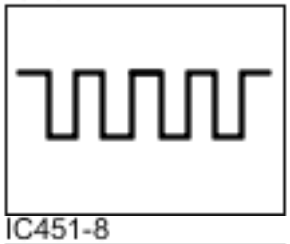
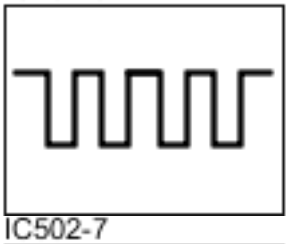
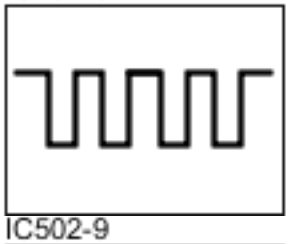


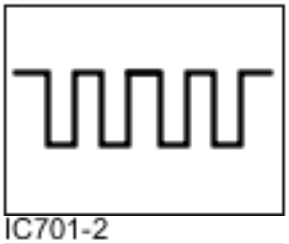
IC451-5



IC451-6



IC451-7



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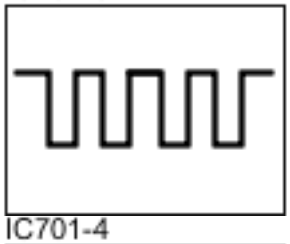
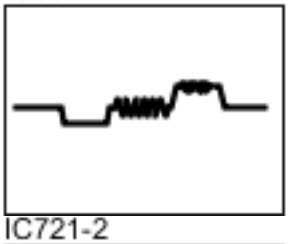


IC502-7



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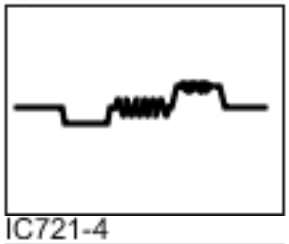
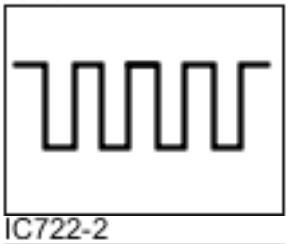
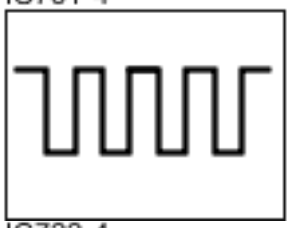


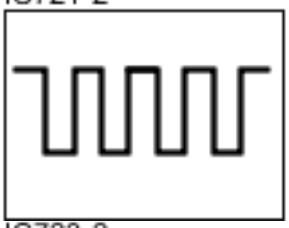
IC701-2



IC701-4



IC721-2



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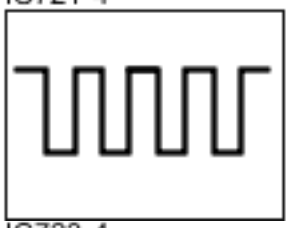

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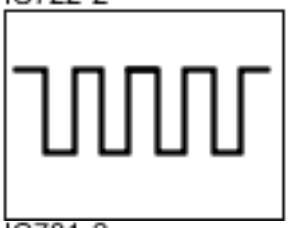
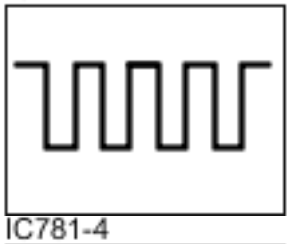


IC722-4



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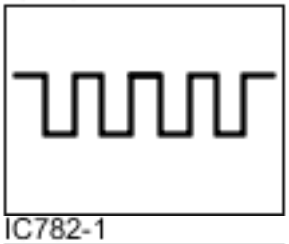

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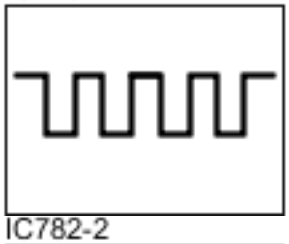

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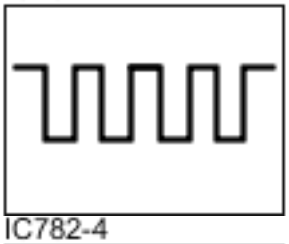

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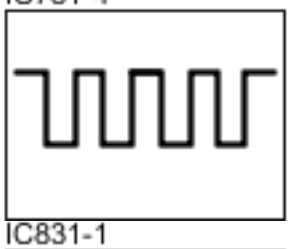

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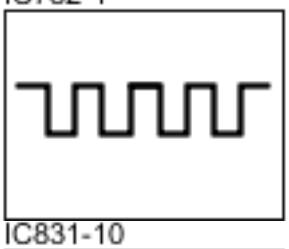

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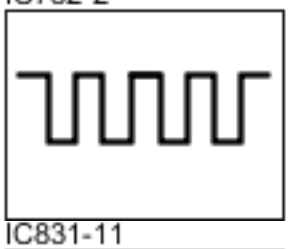

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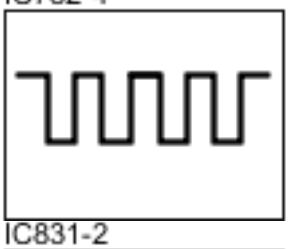
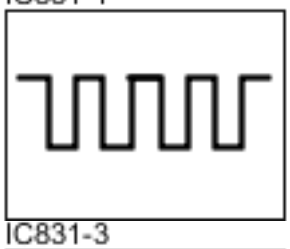


IC831-1



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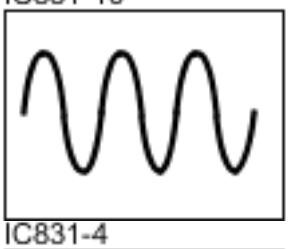
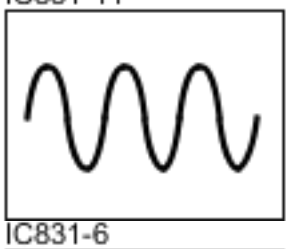


IC831-11



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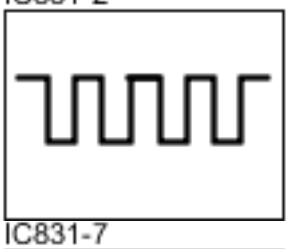
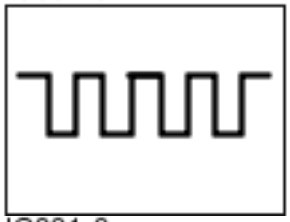


IC831-3



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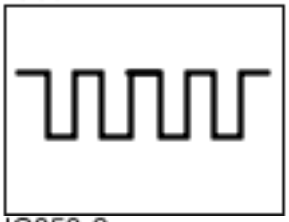
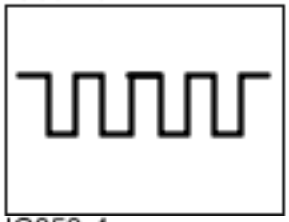
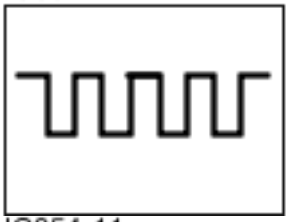


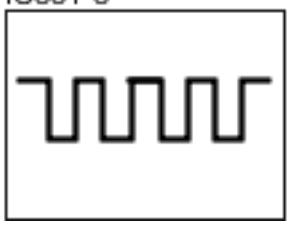
IC831-6



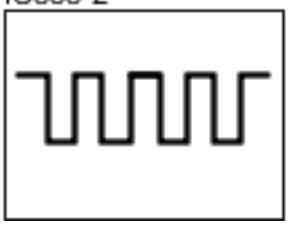
IC831-7



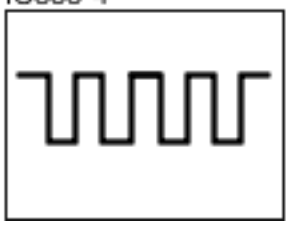
IC831-8



IC853-2



IC853-4



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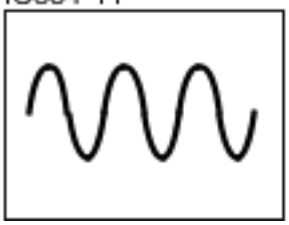
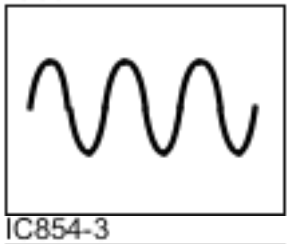
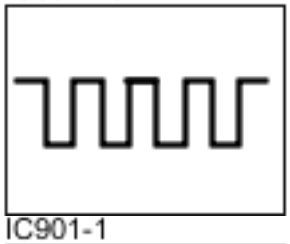


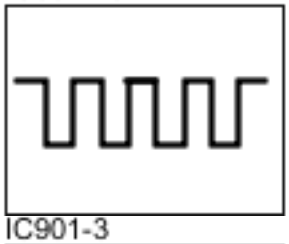
IC854-12



IC854-13



IC854-18



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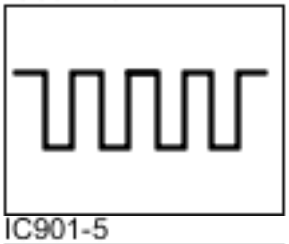
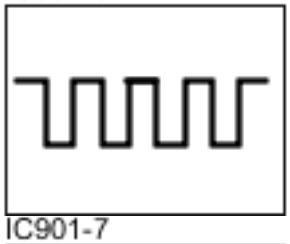
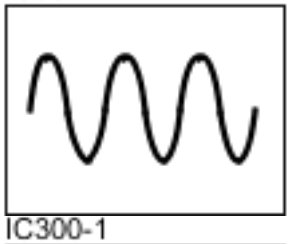


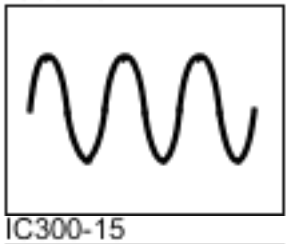
IC854-3



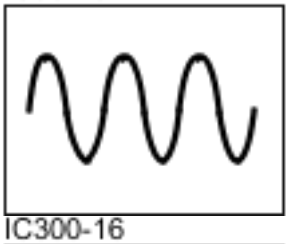
IC901-1



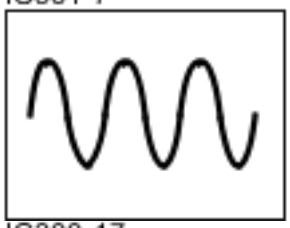
IC901-3



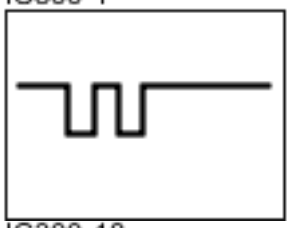
IC901-5



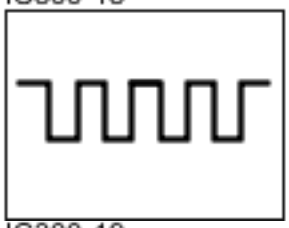
IC901-7



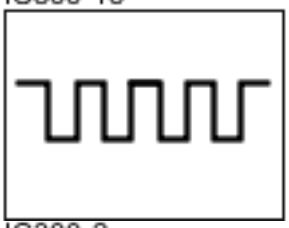
IC300-1



IC300-15



IC300-16



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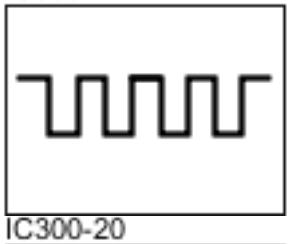

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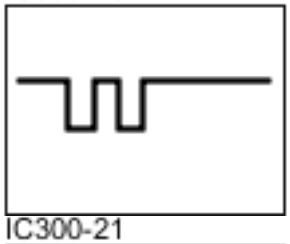

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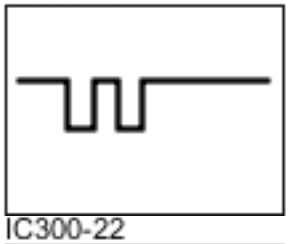

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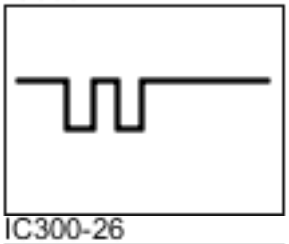
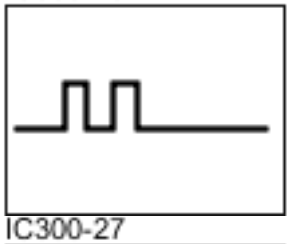


IC300-20



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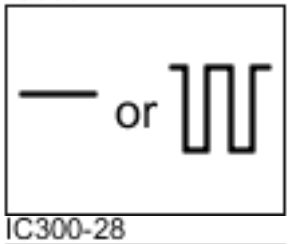
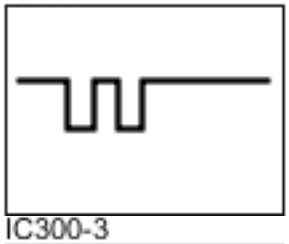
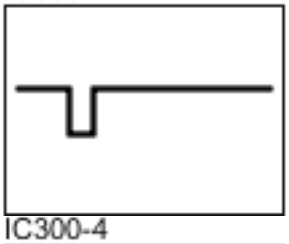


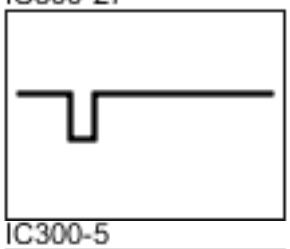
IC300-22



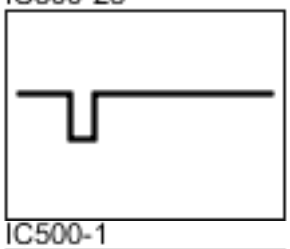
IC300-26



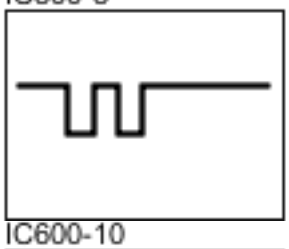
IC300-27



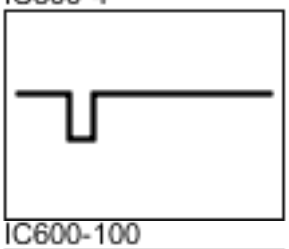
IC300-28



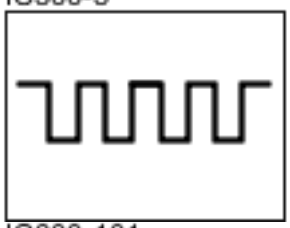
IC300-3



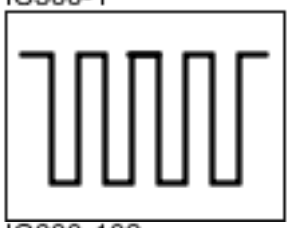
IC300-4



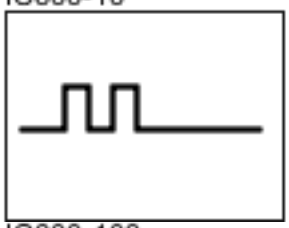
IC300-5



IC500-1



IC600-10



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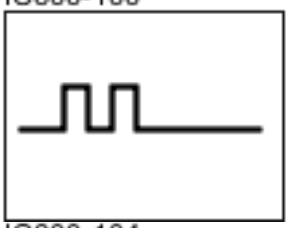

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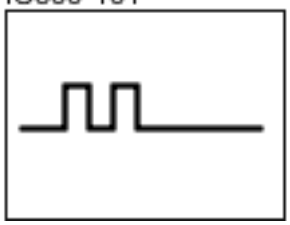
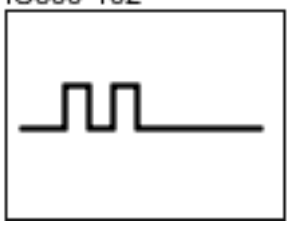
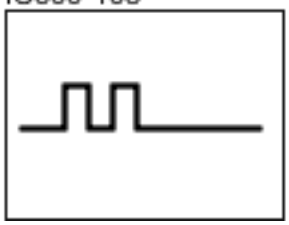


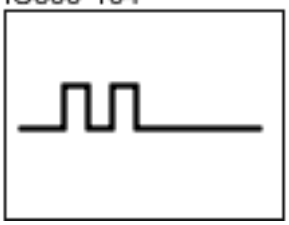
IC600-102



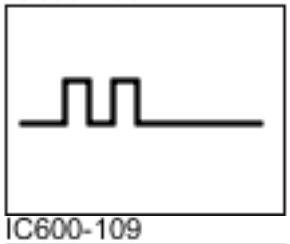
IC600-103



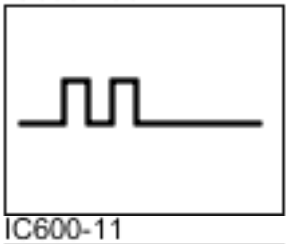
IC600-104



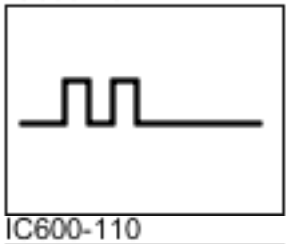
IC600-105



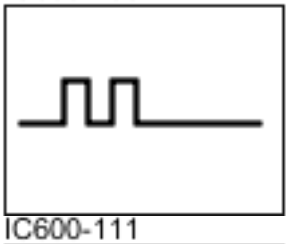
IC600-106



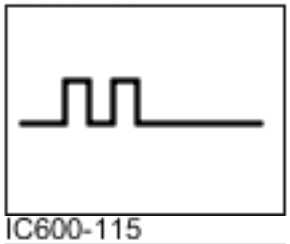
IC600-107



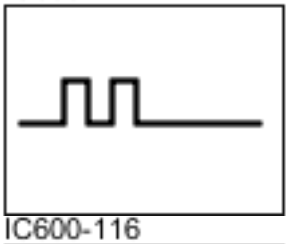
IC600-108



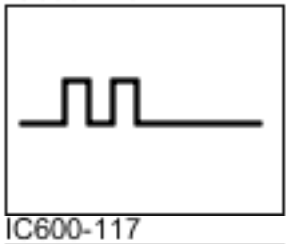
IC600-109



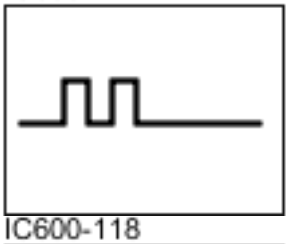
IC600-11



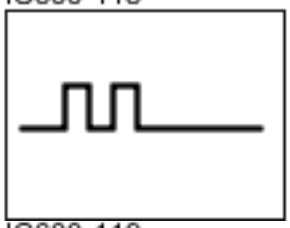
IC600-110



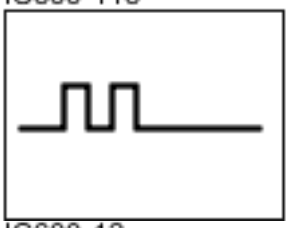
IC600-111



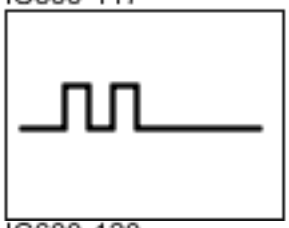
IC600-115



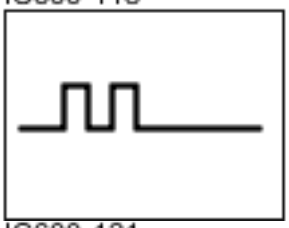
IC600-116



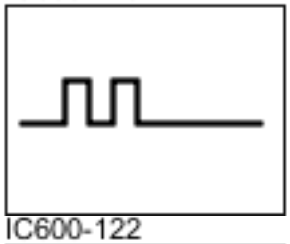
IC600-117



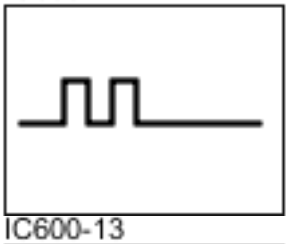
IC600-118



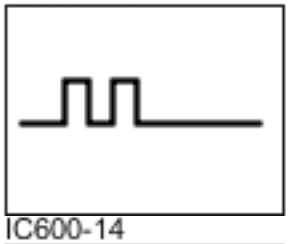
IC600-119



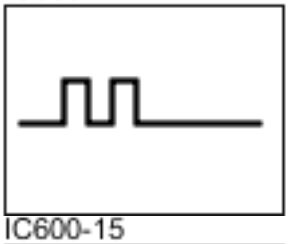
IC600-12



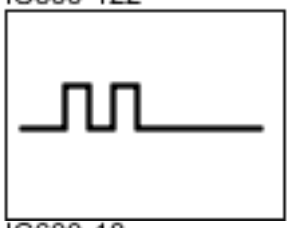
IC600-120



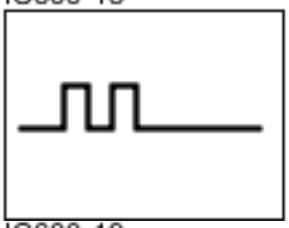
IC600-121



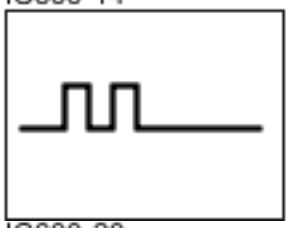
IC600-122



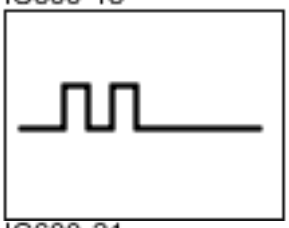
IC600-13



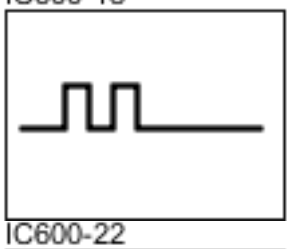
IC600-14



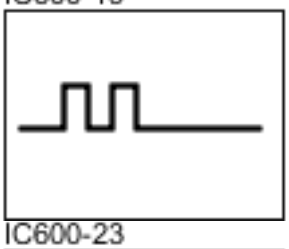
IC600-15



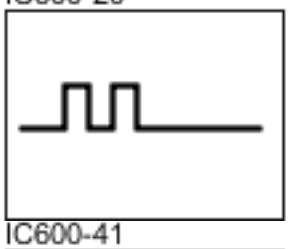
IC600-18



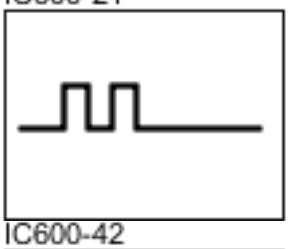
IC600-19



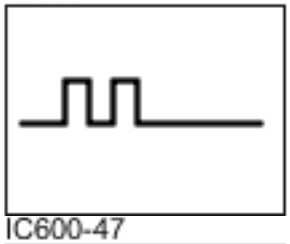
IC600-20



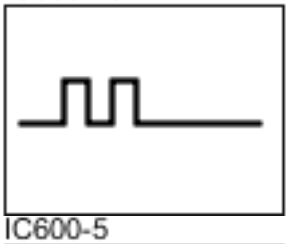
IC600-21



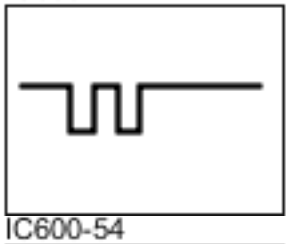
IC600-22



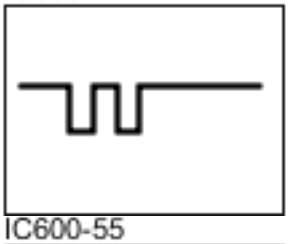
IC600-23



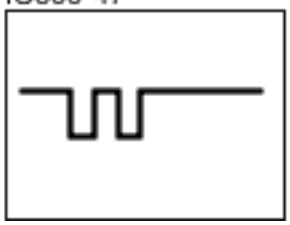
IC600-41



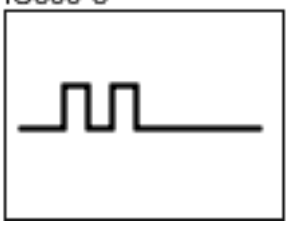
IC600-42



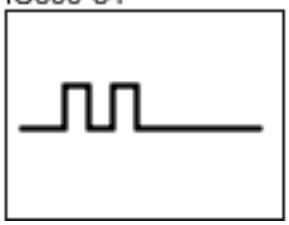
IC600-47



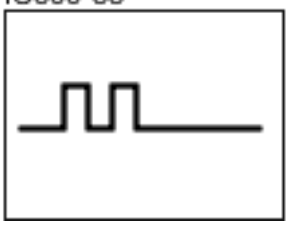
IC600-5



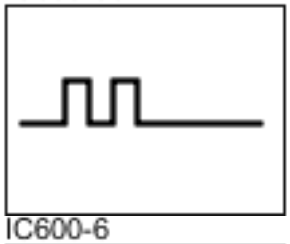
IC600-54



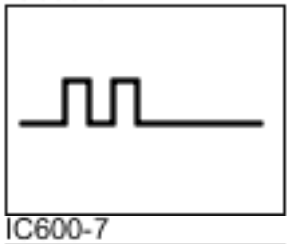
IC600-55



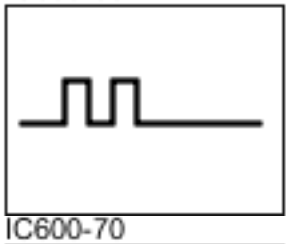
IC600-56



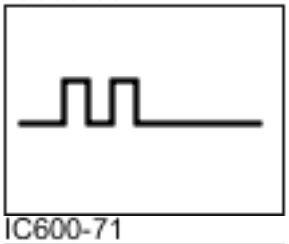
IC600-57



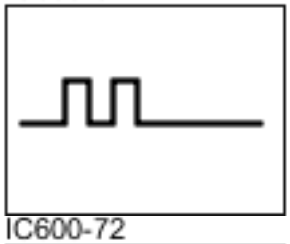
IC600-58



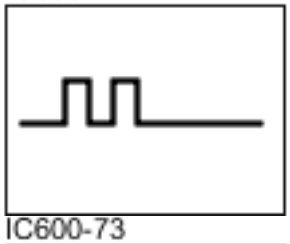
IC600-59



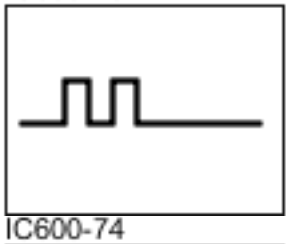
IC600-6



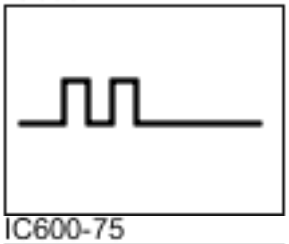
IC600-7



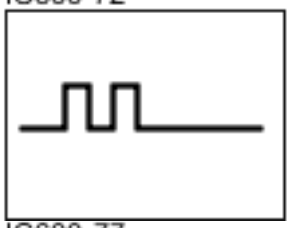
IC600-70



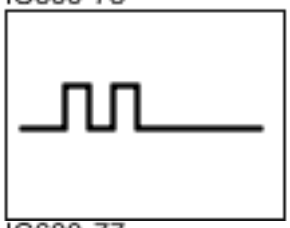
IC600-71



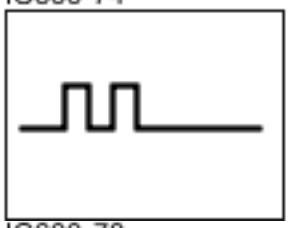
IC600-72



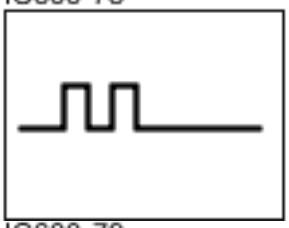
IC600-73



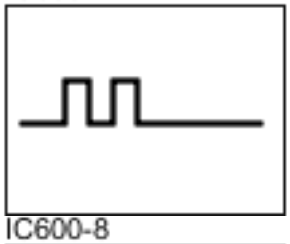
IC600-74



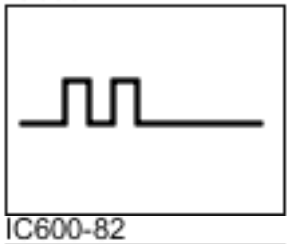
IC600-75



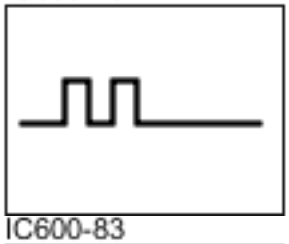
IC600-77



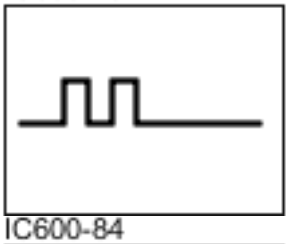
IC600-77



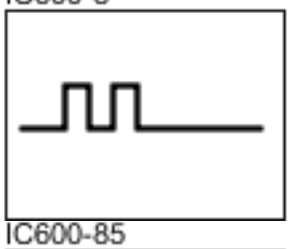
IC600-78



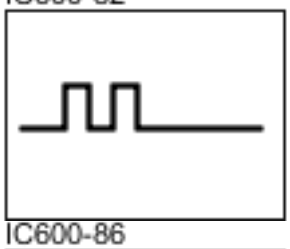
IC600-79



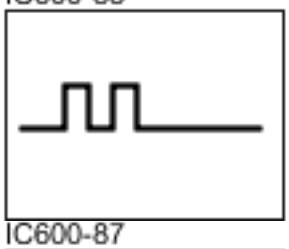
IC600-8



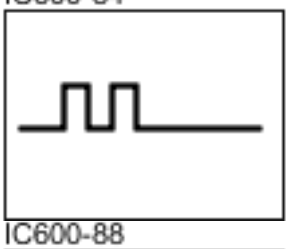
IC600-82



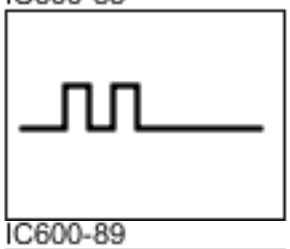
IC600-83



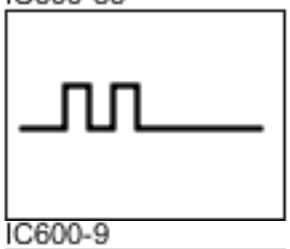
IC600-84



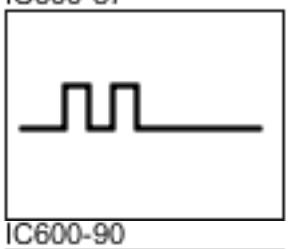
IC600-85



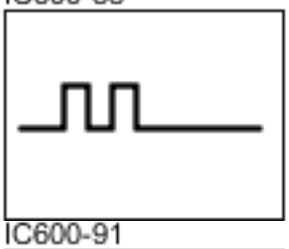
IC600-86



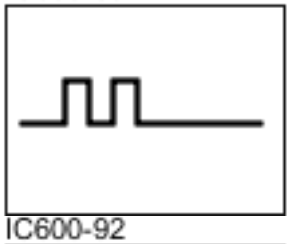
IC600-87



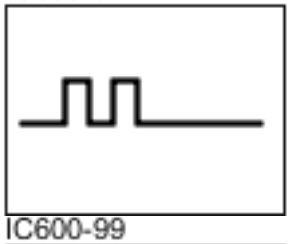
IC600-88



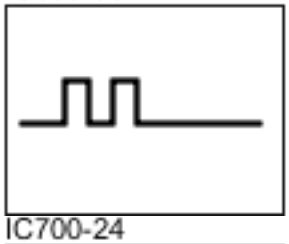
IC600-89



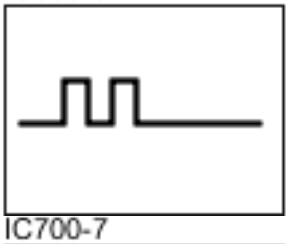
IC600-9



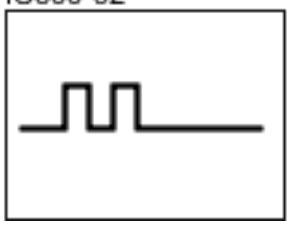
IC600-90



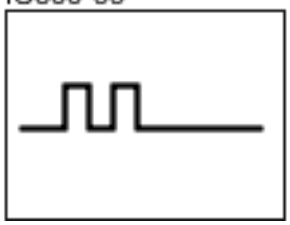
IC600-91



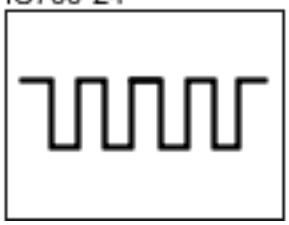
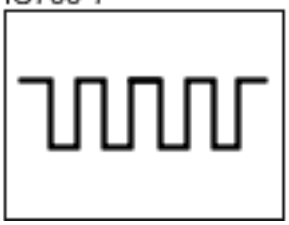
IC600-92



IC600-99



IC700-24



IC700-7