



SCHEMATIC DIAGRAMS

MONITOR WITH DVD RECEIVER

KW-NSX600A

KW-NSX600EU

KW-NSX600E

KW-NSX600J

KW-NSX600UI

KW-NSX600EE

KW-NSX600U



■ 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 \triangle 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.
- When ordering chips, screws etc., place bulk orders (unit of tens) whenever possible to improve shipping efficiency.
- 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.

■ PRECAUTIONS ON SERVICE

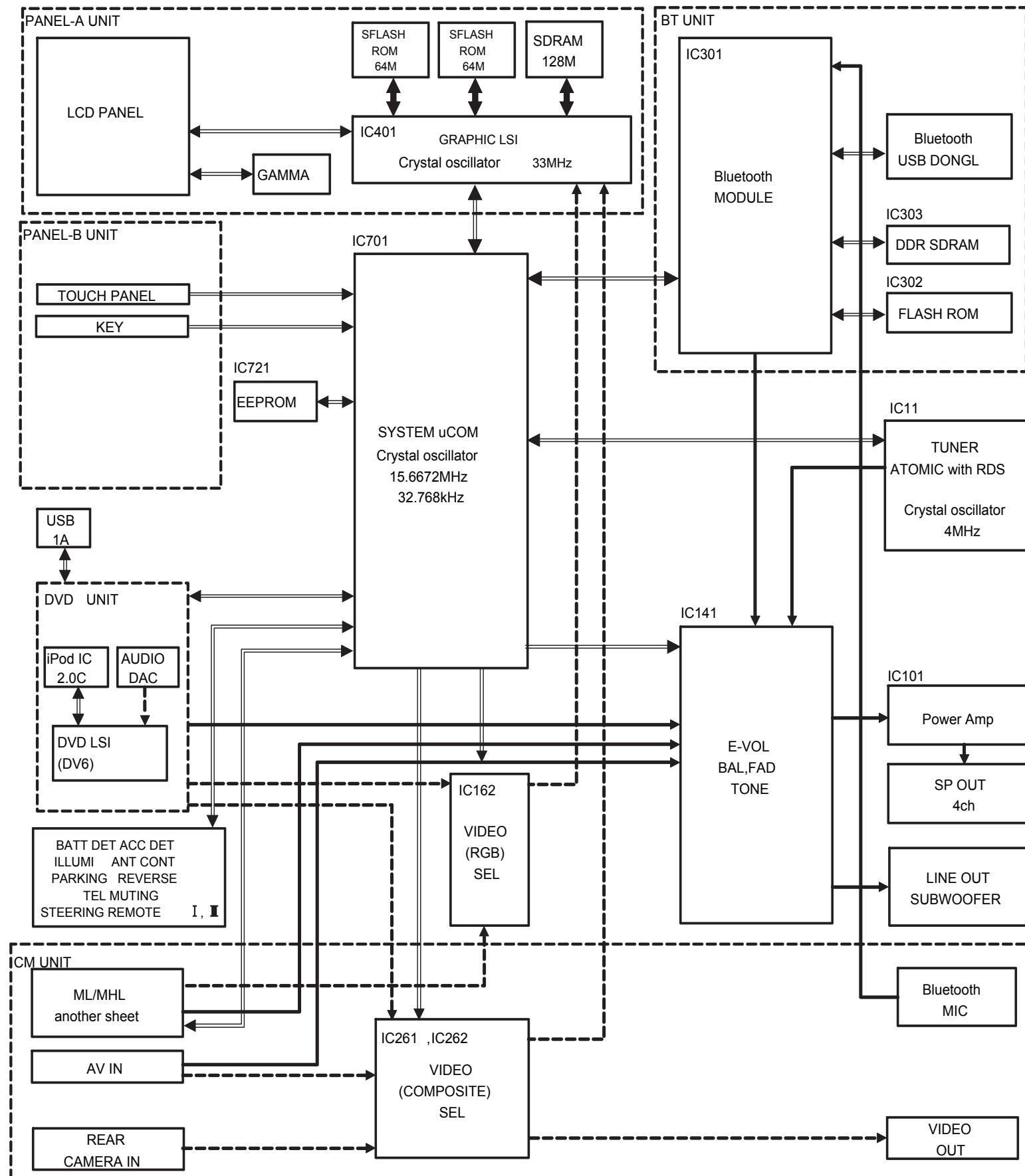
Certain parts of the power circuits and the GNDs differ according to the models. Care must be taken for the following points as the differences are indicated separately in the LIVE GND () and the ISOLATED (NEUTRAL) GND () .

1. Do not touch the LIVE GND, or do not touch the LIVE GND and the ISOLATED (NEUTRAL) GND at the same time. It may cause an electric shock.
Before pulling out the chassis or other parts, make sure to pull out the power cord from the wall outlet first.
2. Do not short circuit between the LIVE GND and ISOLATED (NEUTRAL) GND, or never measure the LIVE GND and ISOLATED (NEUTRAL) GND at the same time using measuring instruments (oscilloscope, etc.). It may blow fuses or damage other parts.

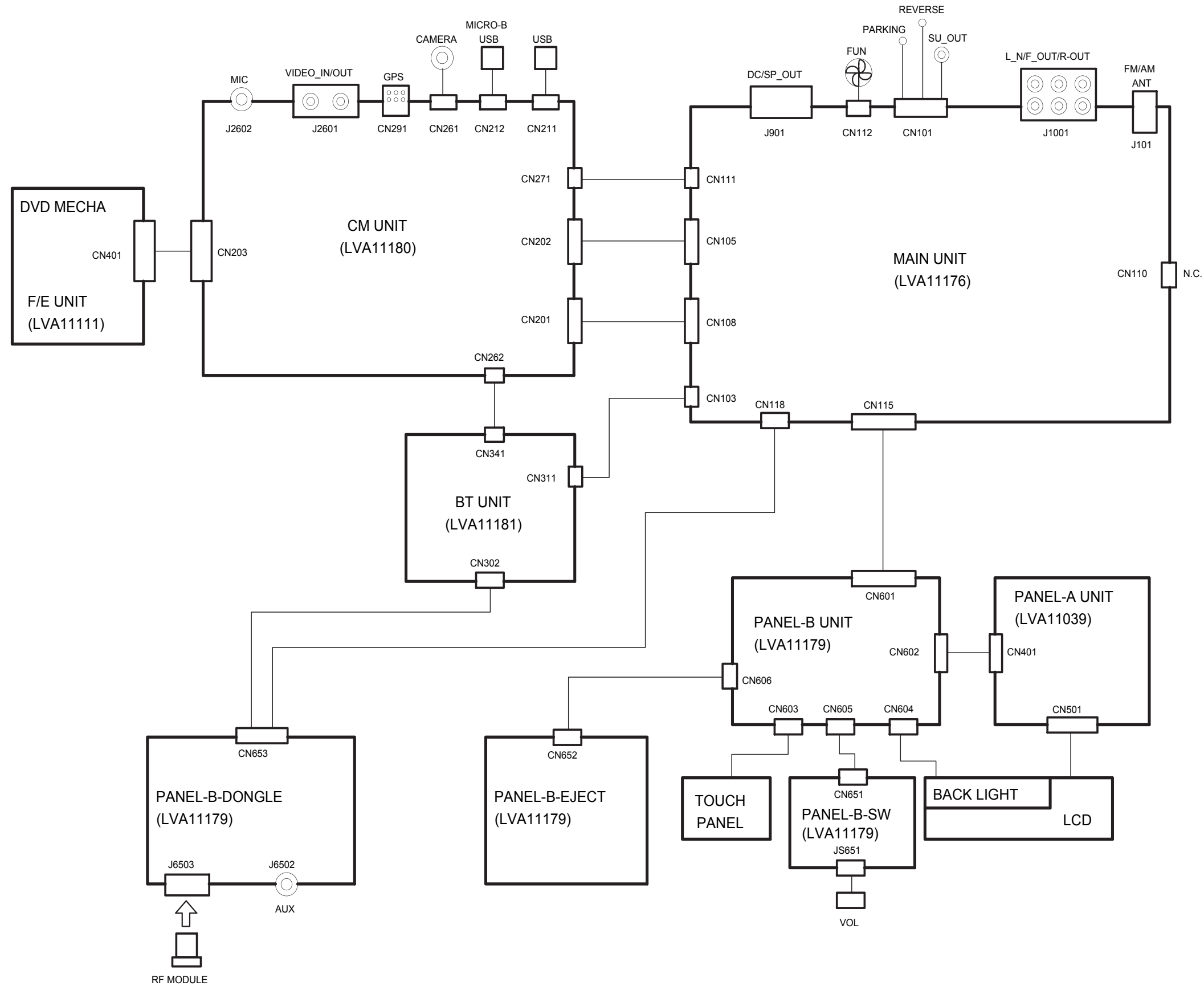
■ DEVIATION TOLERANCE RANGE

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

BLOCK DIAGRAM



WIRING DIAGRAM



MAIN UNIT-2 (LVA1176-xxA)

To MAIN UNIT-1 (LVA1176-xxA)

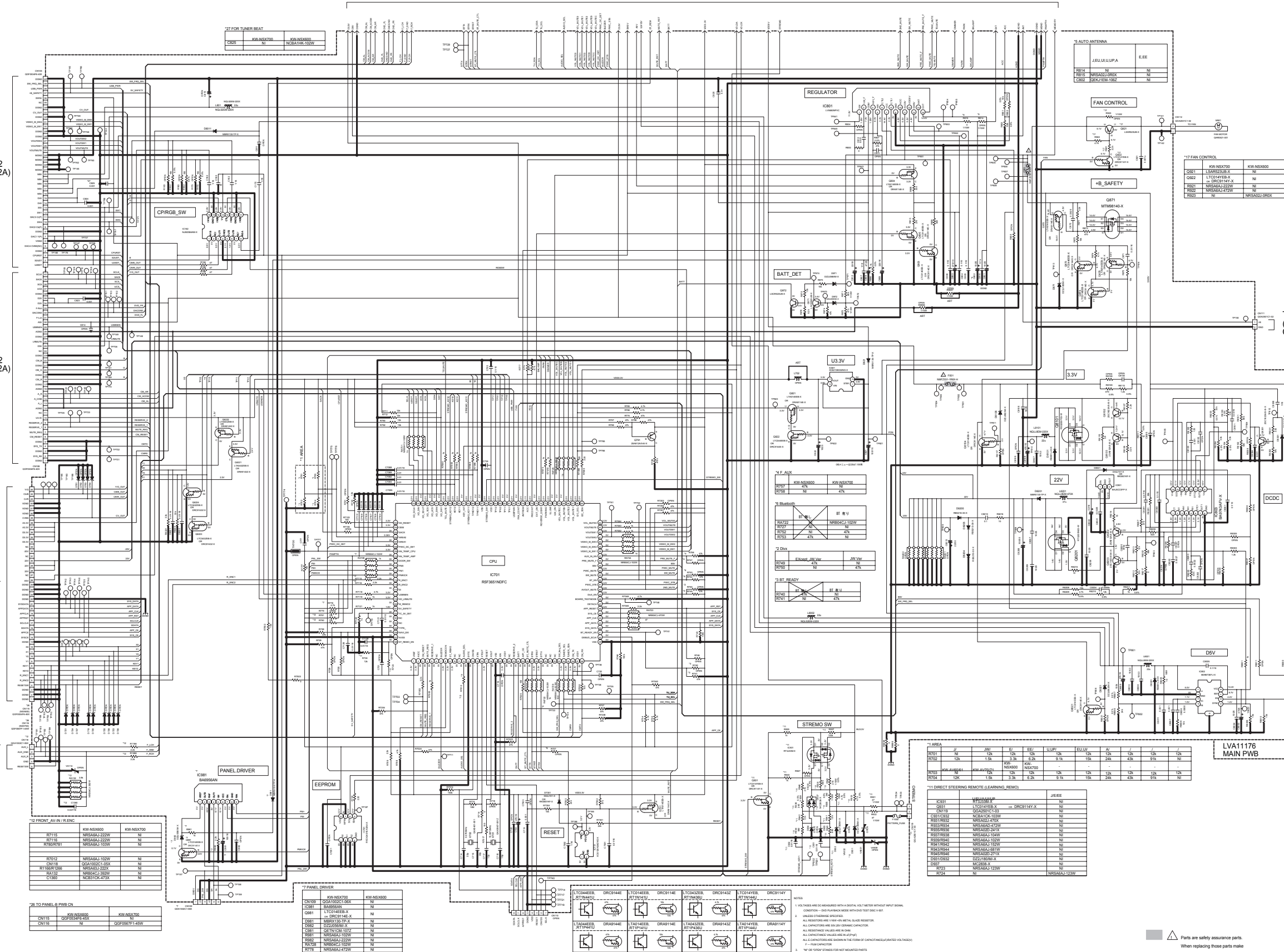
To CM UNIT-2 (LVA1180-02A) CN202

To CM UNIT-2 (LVA1180-02A) CN201

To PANEL-B UNIT (LVA1179-01A) CN601

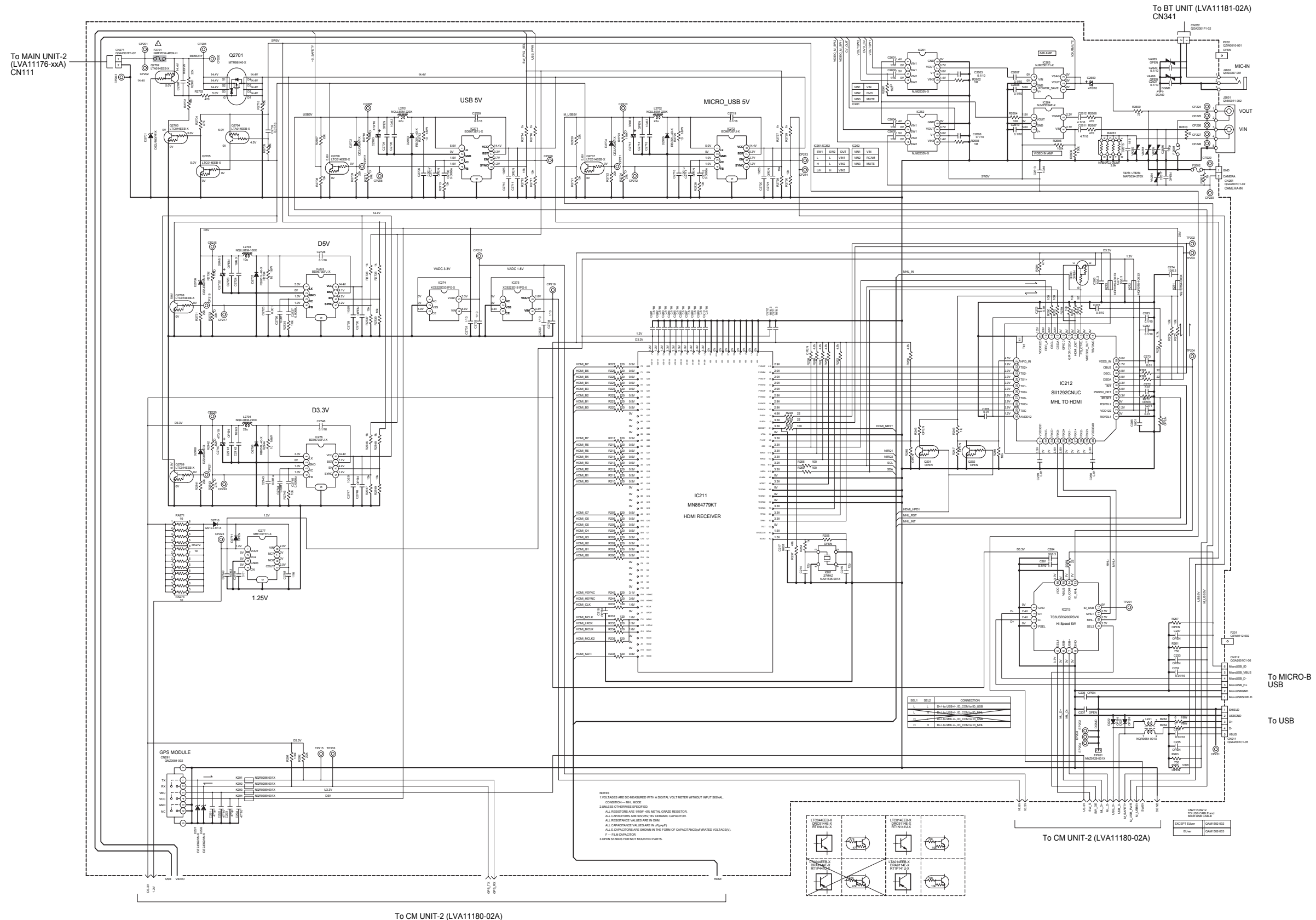
To PANEL-B UNIT (LVA1179-01A) (DONGLE) CN653

To CM UNIT-1 (LVA1180-02A) CN271

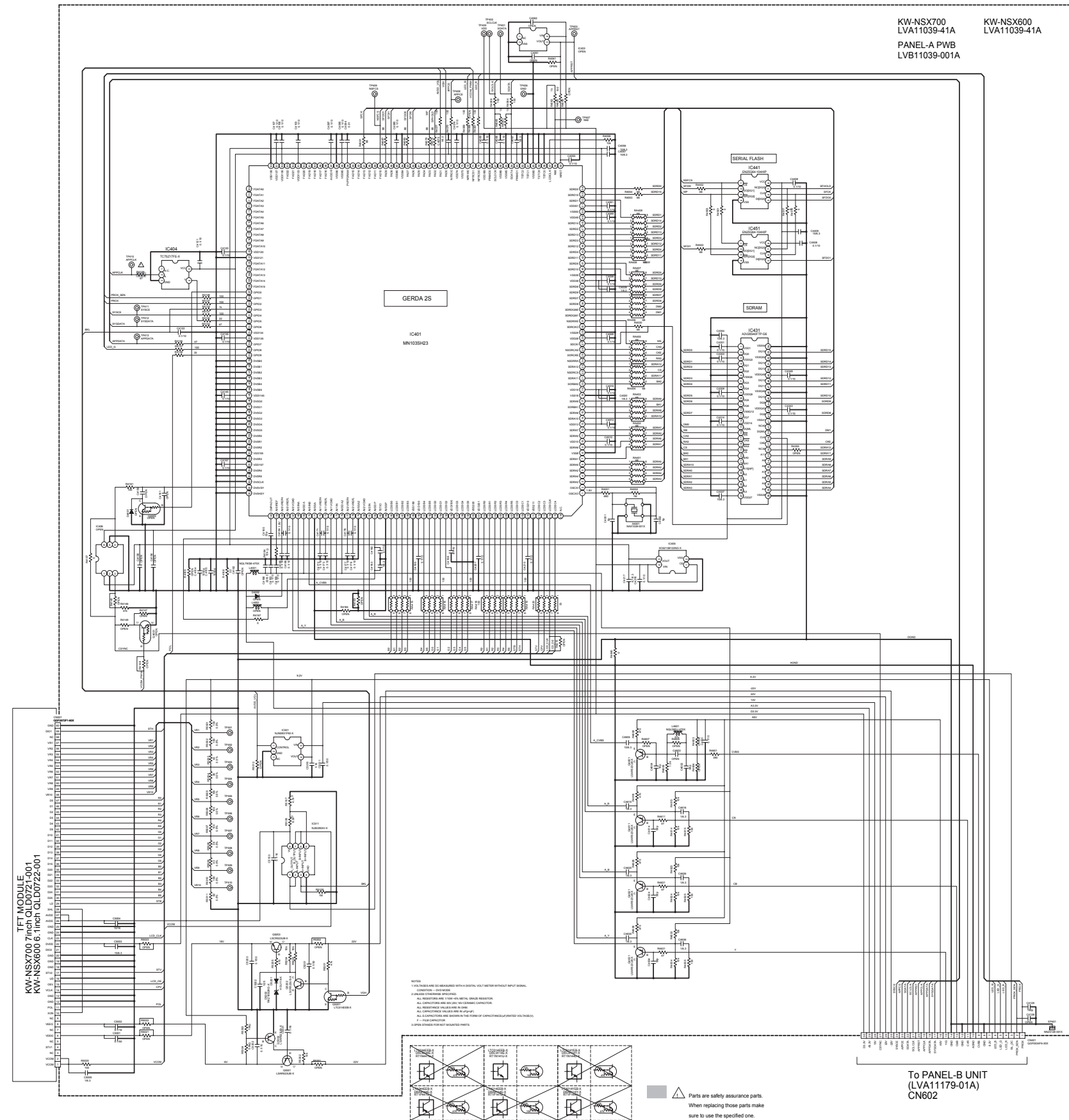


*7 AREA		Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20	Q21	Q22	Q23	Q24	Q25	Q26	Q27	Q28	Q29	Q30	Q31	Q32	Q33	Q34	Q35	Q36	Q37	Q38	Q39	Q40	Q41	Q42	Q43	Q44	Q45	Q46	Q47	Q48	Q49	Q50	Q51	Q52	Q53	Q54	Q55	Q56	Q57	Q58	Q59	Q60	Q61	Q62	Q63	Q64	Q65	Q66	Q67	Q68	Q69	Q70	Q71	Q72	Q73	Q74	Q75	Q76	Q77	Q78	Q79	Q80	Q81	Q82	Q83	Q84	Q85	Q86	Q87	Q88	Q89	Q90	Q91	Q92	Q93	Q94	Q95	Q96	Q97	Q98	Q99	Q100
Q101	Q102	Q103	Q104	Q105	Q106	Q107	Q108	Q109	Q110	Q111	Q112	Q113	Q114	Q115	Q116	Q117	Q118	Q119	Q120	Q121	Q122	Q123	Q124	Q125	Q126	Q127	Q128	Q129	Q130	Q131	Q132	Q133	Q134	Q135	Q136	Q137	Q138	Q139	Q140	Q141	Q142	Q143	Q144	Q145	Q146	Q147	Q148	Q149	Q150	Q151	Q152	Q153	Q154	Q155	Q156	Q157	Q158	Q159	Q160	Q161	Q162	Q163	Q164	Q165	Q166	Q167	Q168	Q169	Q170	Q171	Q172	Q173	Q174	Q175	Q176	Q177	Q178	Q179	Q180	Q181	Q182	Q183	Q184	Q185	Q186	Q187	Q188	Q189	Q190	Q191	Q192	Q193	Q194	Q195	Q196	Q197	Q198	Q199	Q200		

CM UNIT-1 (LVA11180-02A)



PANEL-A UNIT (LVA11039-42A)

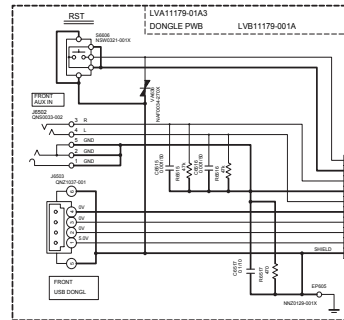


KW-NSX700
LVA11039-41A
PANEL-A PWB
LVB11039-001A

KW-NSX600
LVA11039-41A

PANEL-B UNIT (LVA11179-01A)

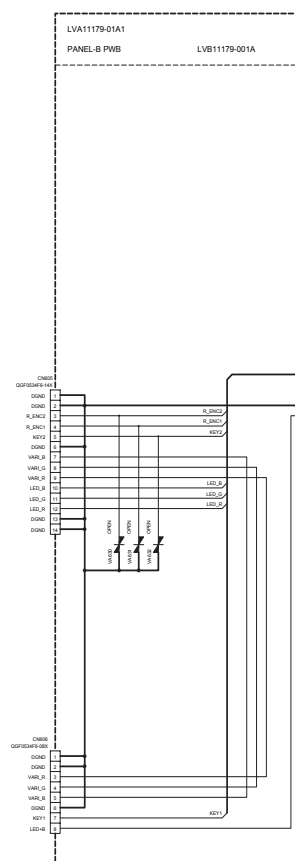
PANEL-B UNIT (LVA11179-01A) (DONGLE)



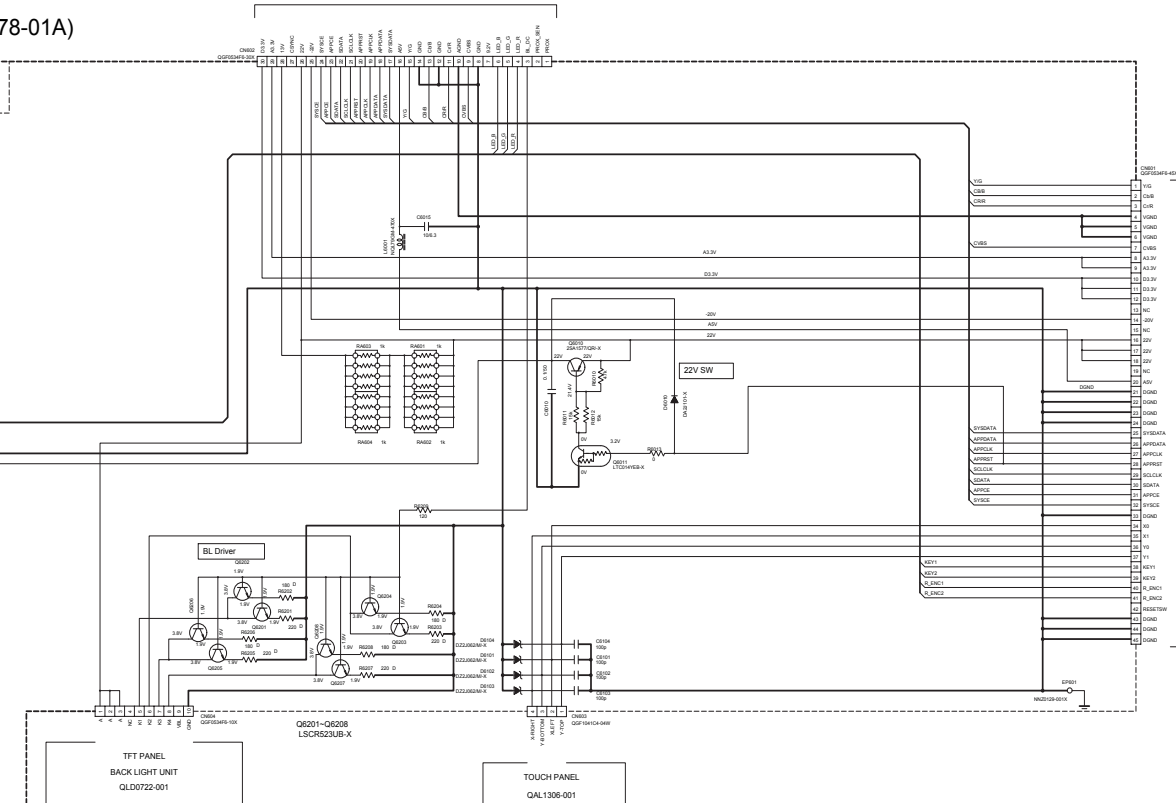
To MAIN UNIT-2
(LVA11176-xxA)
CN118

To BT UNIT
(LVA11181-02A)
CN302

PANEL-B UNIT (LVA11178-01A)

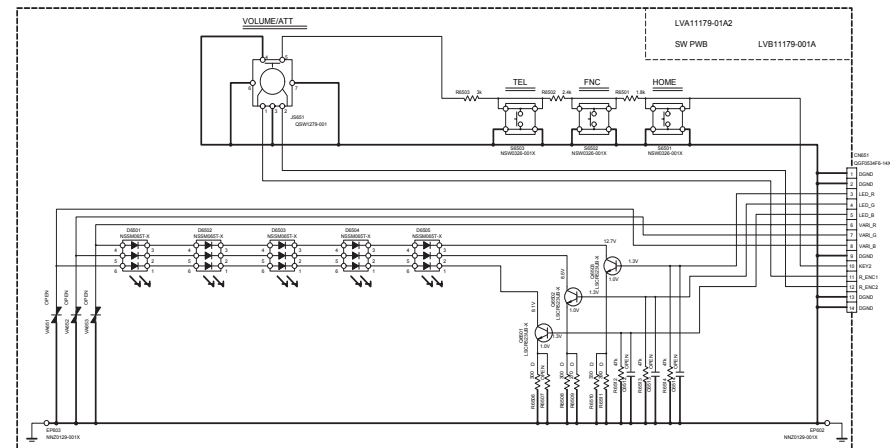


To PANEL-A UNIT (LVA11039-42A)
CN401

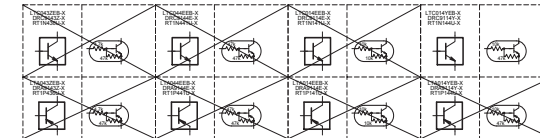
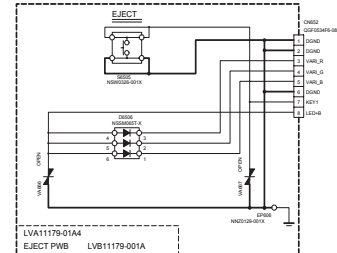


To MAIN UNIT-2
(LVA11176-xxA)
CN115

PANEL-B UNIT (LVA11179-01A) (SW)

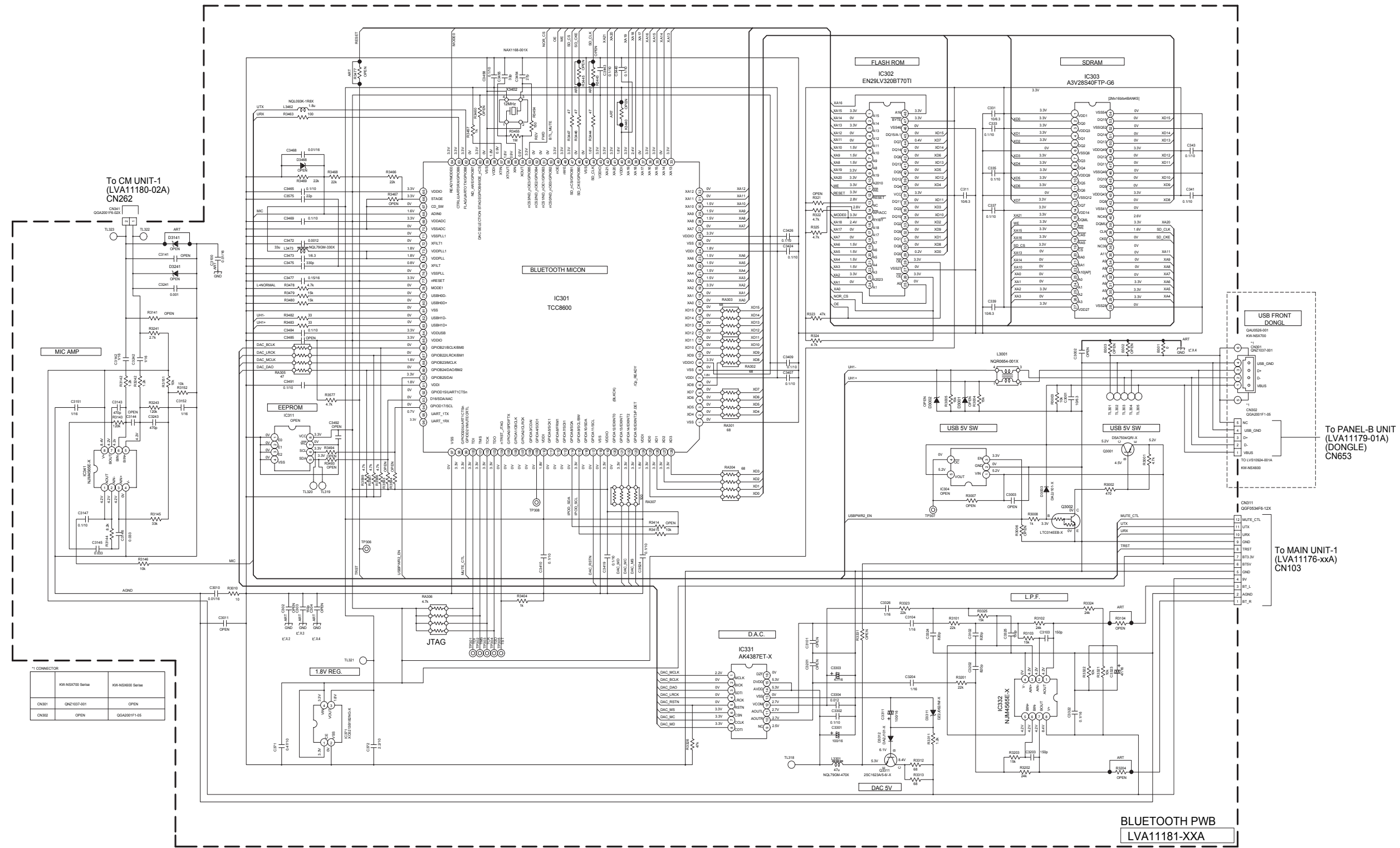


PANEL-B UNIT (LVA11179-01A) (EJECT)

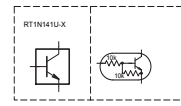


NOTES
1. VOLTAGES ARE DC MEASURED WITH A DIGITAL VOLT METER WITHOUT INPUT SIGNAL.
2. UNLESS OTHERWISE SPECIFIED:
- CAPACITORS ARE 10% TOL. METAL GRADE RESISTOR.
- ALL CAPACITORS ARE 50V UNLESS OTHERWISE SPECIFIED.
- ALL RESISTANCE VALUES ARE IN OHMS.
- ALL CAPACITANCE VALUES ARE IN pF (pF).
- ALL DIMENSIONS ARE GIVEN IN THE FORM OF DIMENSIONS (UNLESS OTHERWISE SPECIFIED).
- F - FILM CAPACITOR.
- SCREEN DIMENSIONS FOR NOT RELATED PARTS.

BT UNIT (LVA11181-02A)



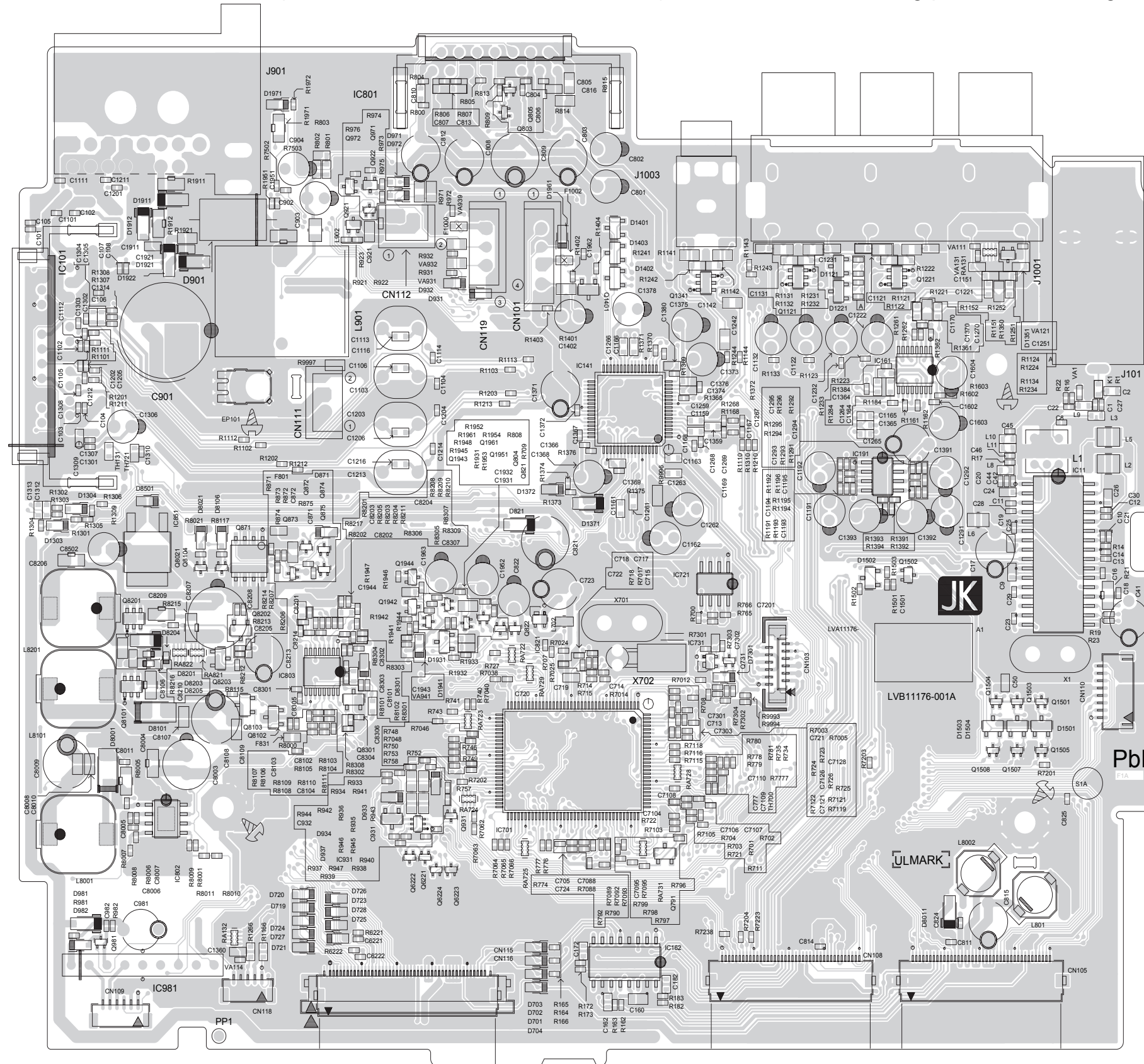
NOTES
 1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER WITHOUT INPUT SIGNAL. CONDITION: 8M MODE.
 2. UNLESS OTHERWISE SPECIFIED:
 ALL RESISTORS ARE 1/16W 5% METAL GLAZE RESISTOR.
 ALL CAPACITORS ARE CERAMIC CAPACITOR.
 ALL RESISTANCE VALUES ARE IN OHM.
 ALL CAPACITANCE VALUES ARE IN pF(p-pF).
 ALL CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE/(RATED VOLTAGEV).
 IN OR OPEN STAGS FOR NOT MOUNTED PARTS.



MAIN UNIT LVA11176-xxA (LVB11176-001A)

(Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade))

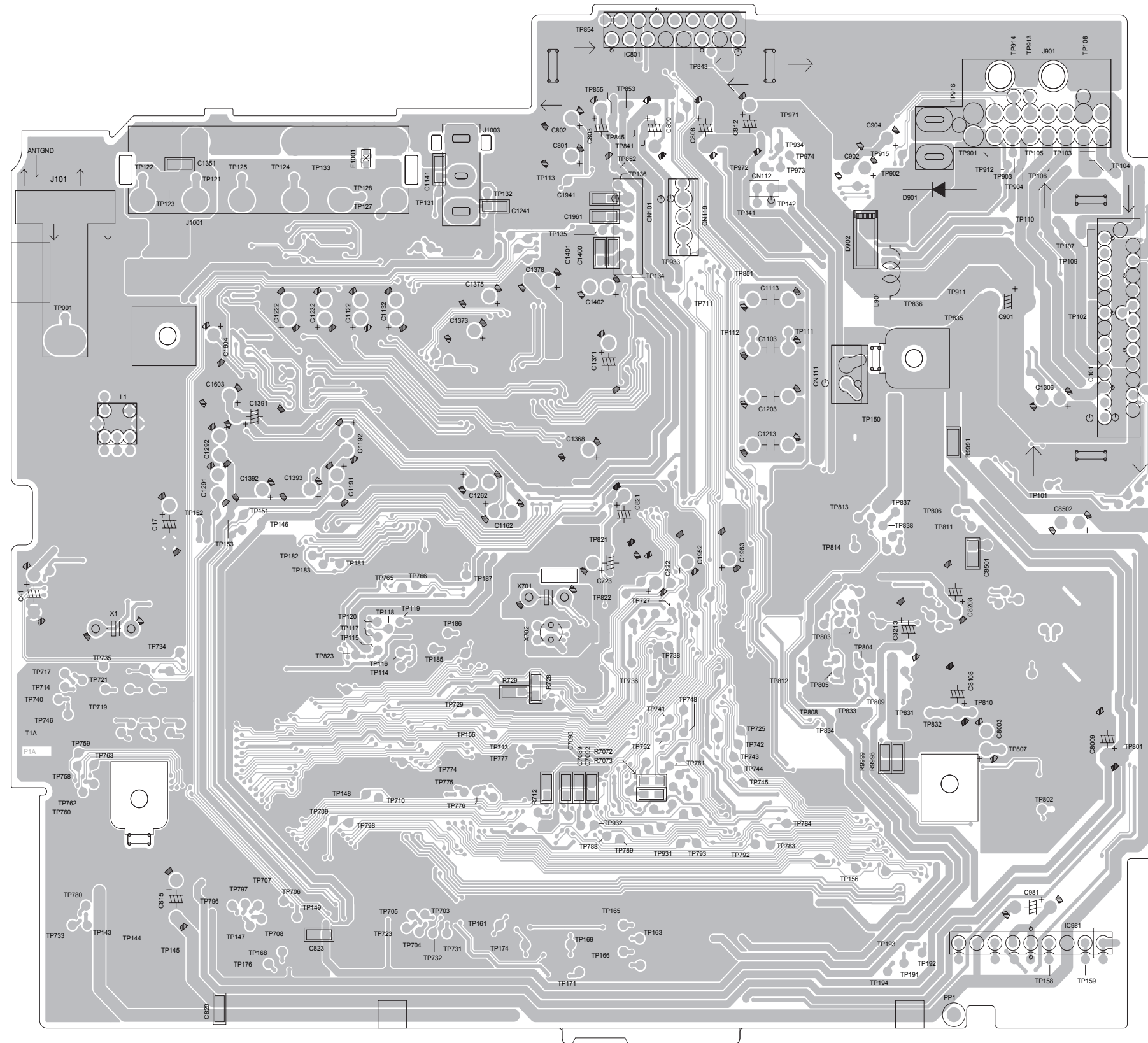
(Lead free solder used in the board (material : Sn-Cu, melting point : 230 Centigrade))



MAIN UNIT LVA11176-xxA (LVB11176-001A)

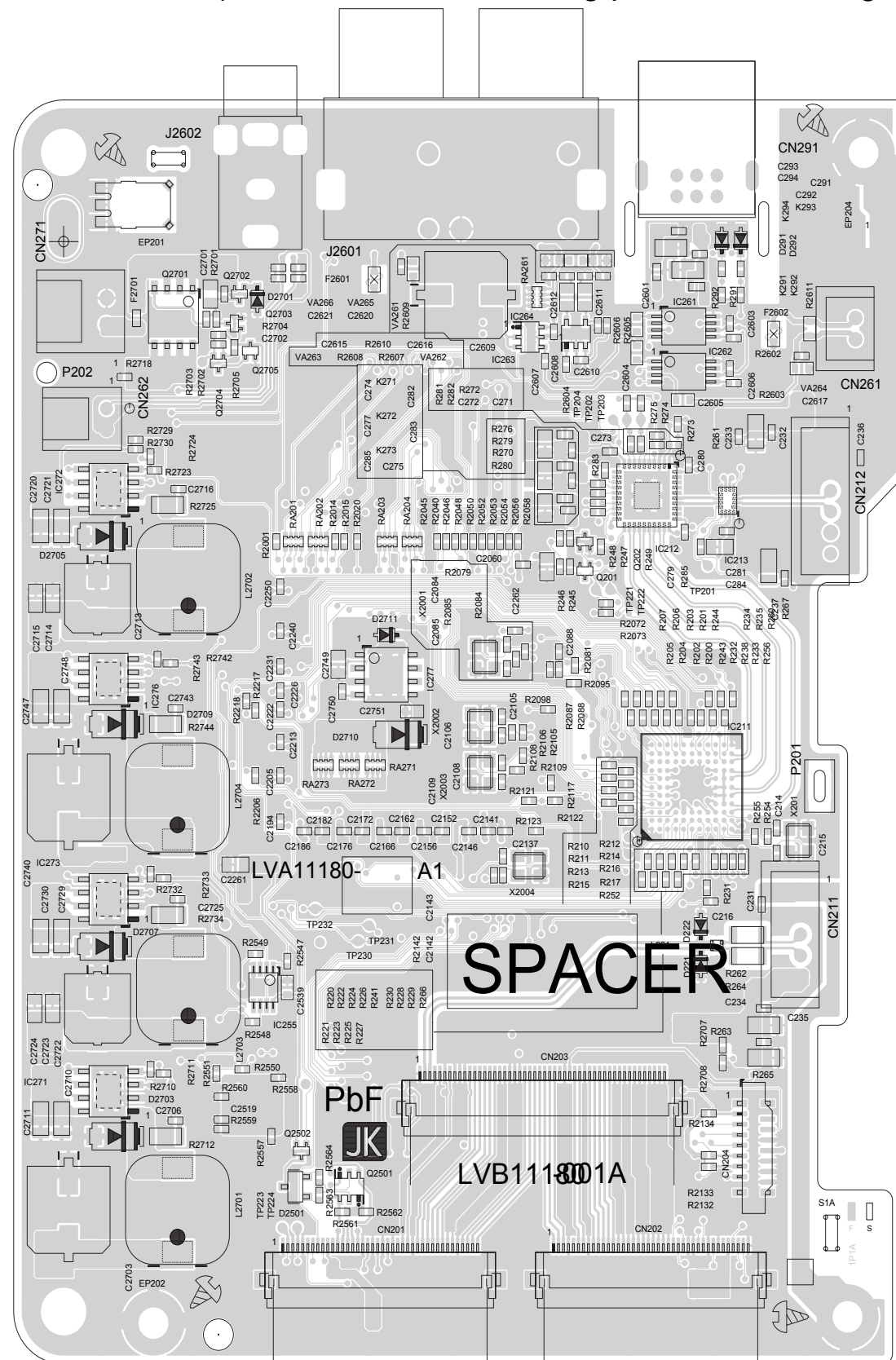
(Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade))

(Lead free solder used in the board (material : Sn-Cu, melting point : 230 Centigrade))



CM UNIT LVA11180-02A (LVB11180-001A)

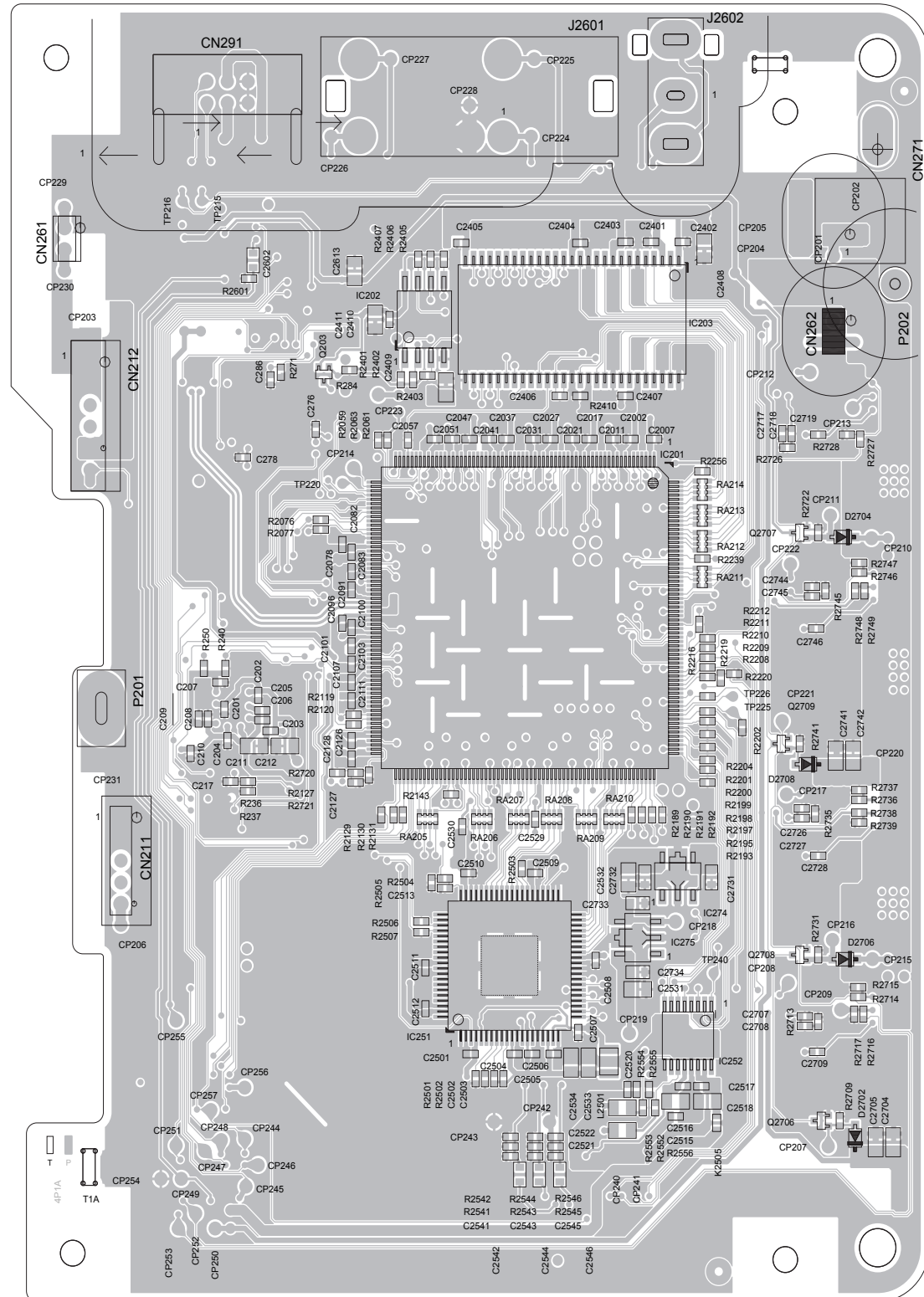
(Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade))
(Lead free solder used in the board (material : Sn-Cu, melting point : 230 Centigrade))



CM UNIT LVA11180-02A (LVB11180-001A)

(Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade))

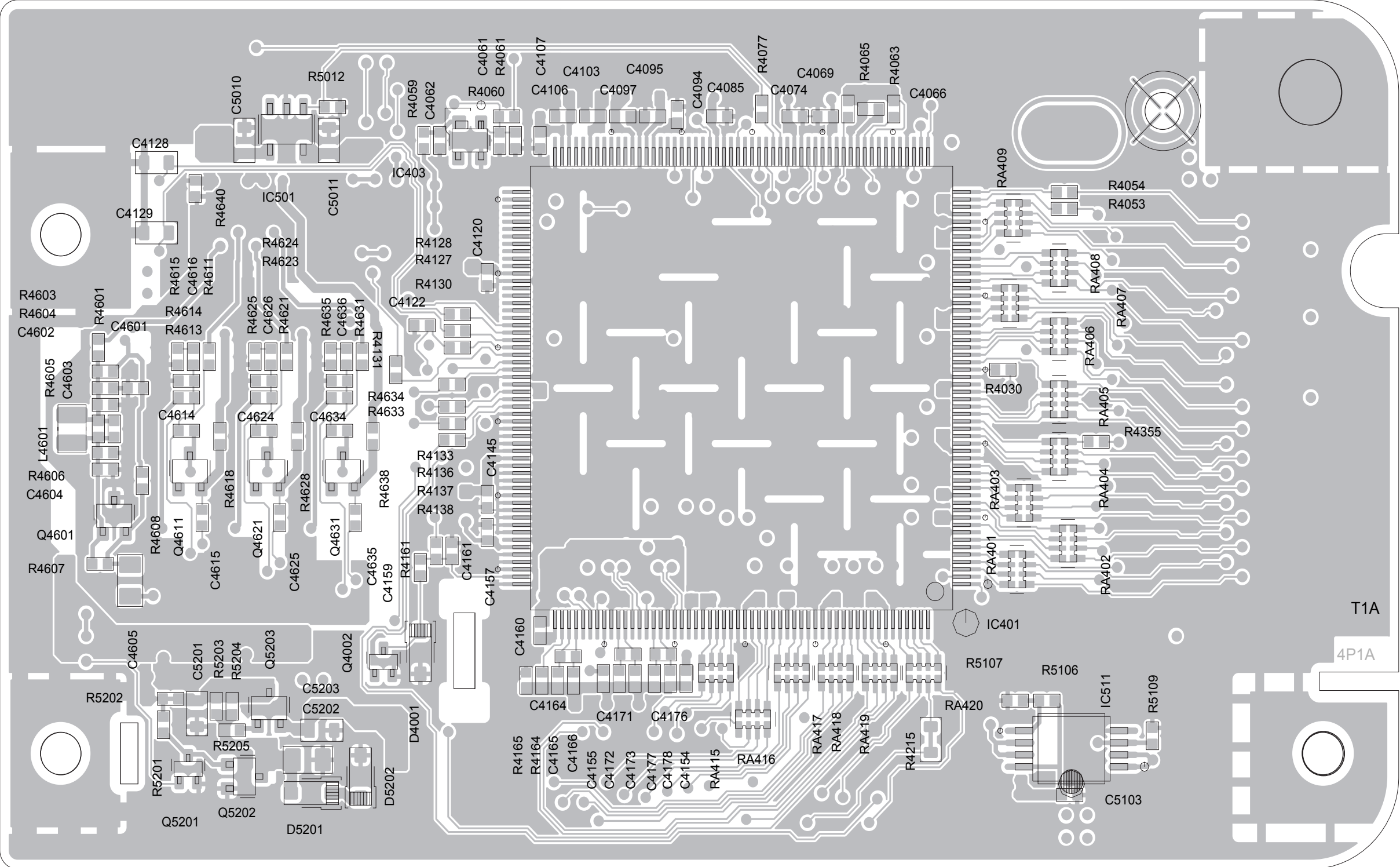
(Lead free solder used in the board (material : Sn-Cu, melting point : 230 Centigrade))



PANEL-A UNIT LVA11039-42A (LVB11039-001A)

(Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade))

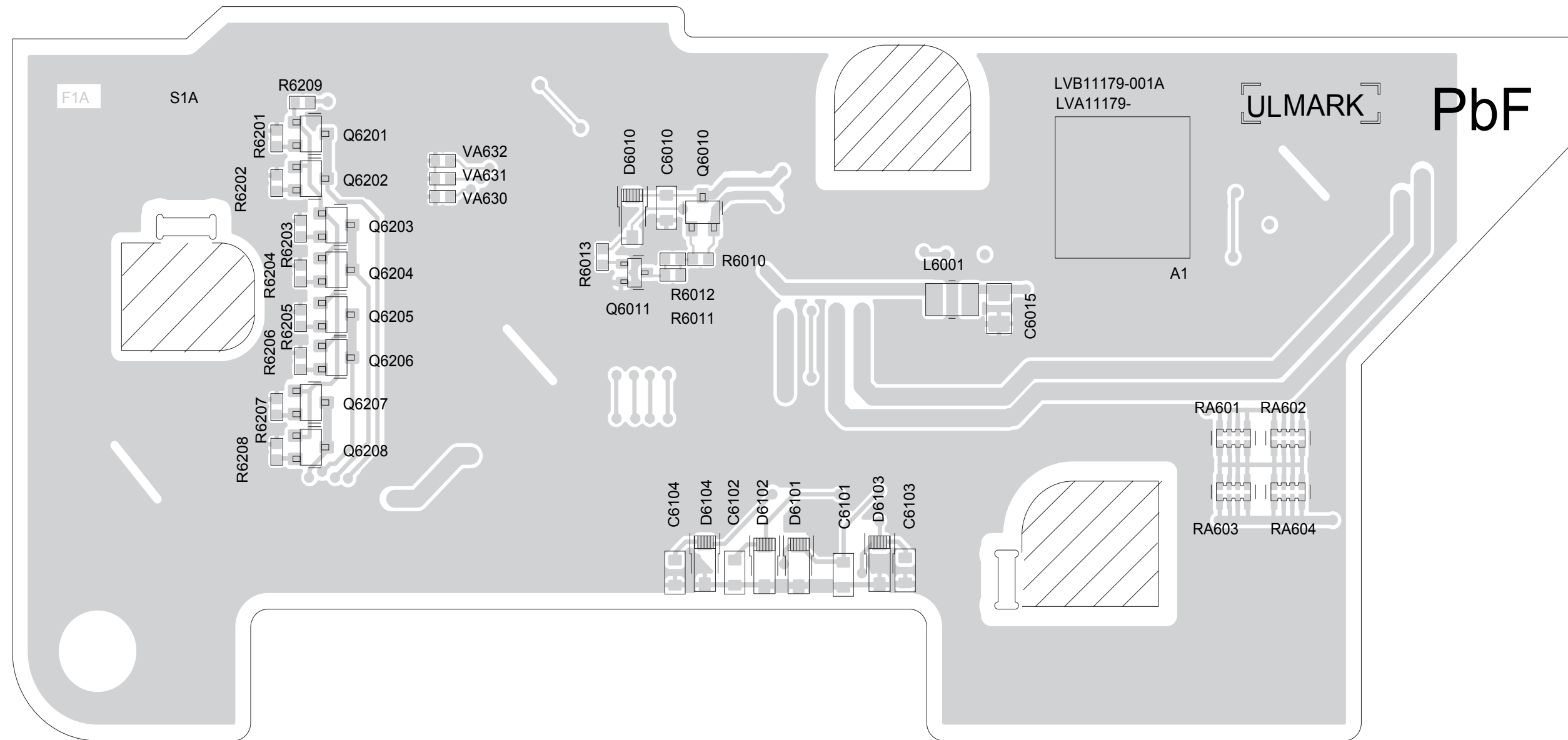
(Lead free solder used in the board (material : Sn-Cu, melting point : 230 Centigrade))



PANEL-B UNIT LVA11179-01A (LVB11179-001A)

(Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade))

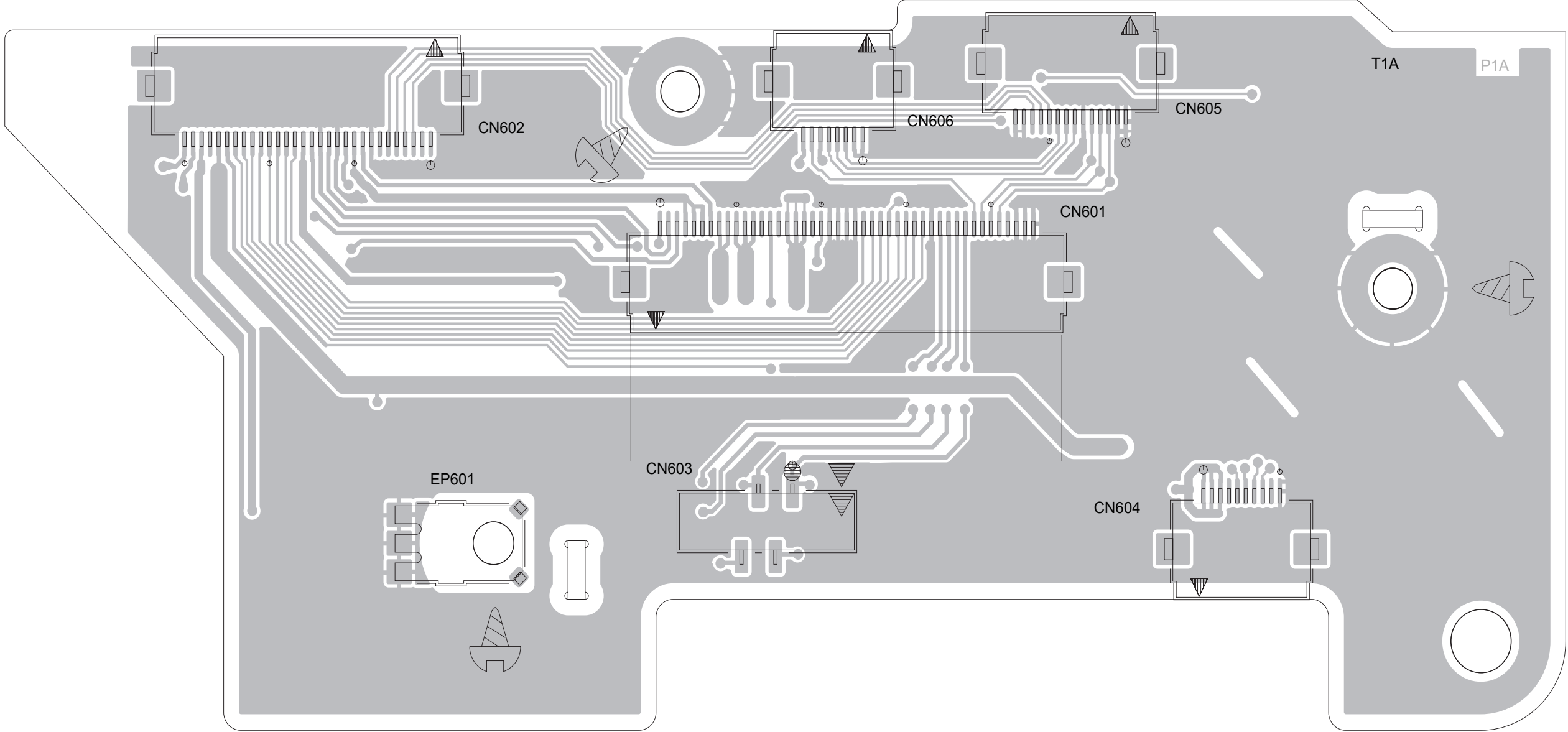
(Lead free solder used in the board (material : Sn-Cu, melting point : 230 Centigrade))



PANEL-B UNIT LVA11179-01A (LVB11179-001A)

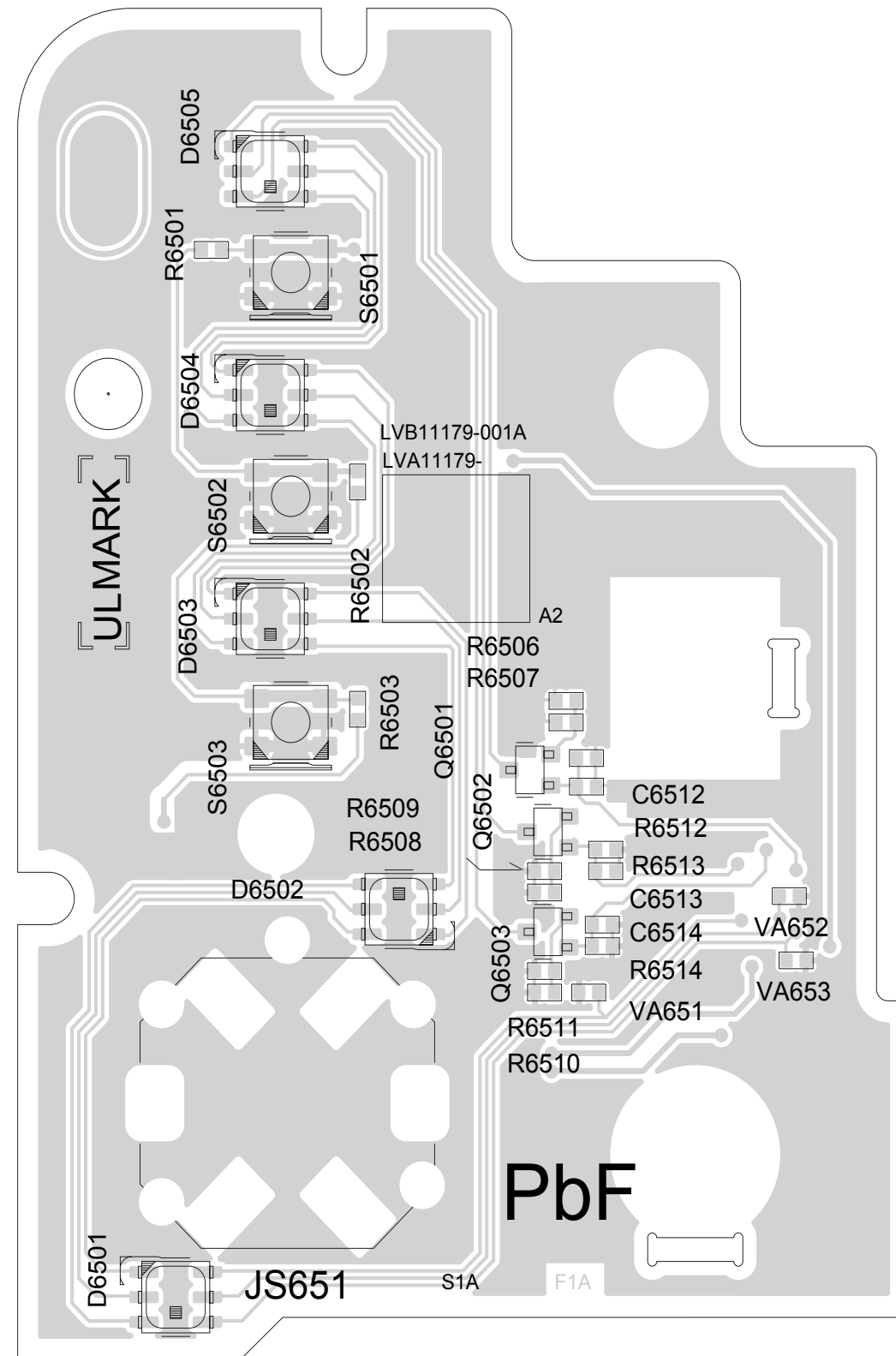
(Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade))

(Lead free solder used in the board (material : Sn-Cu, melting point : 230 Centigrade))



PANEL-B UNIT (SW) LVA11179-01A (LVB11179-001A)

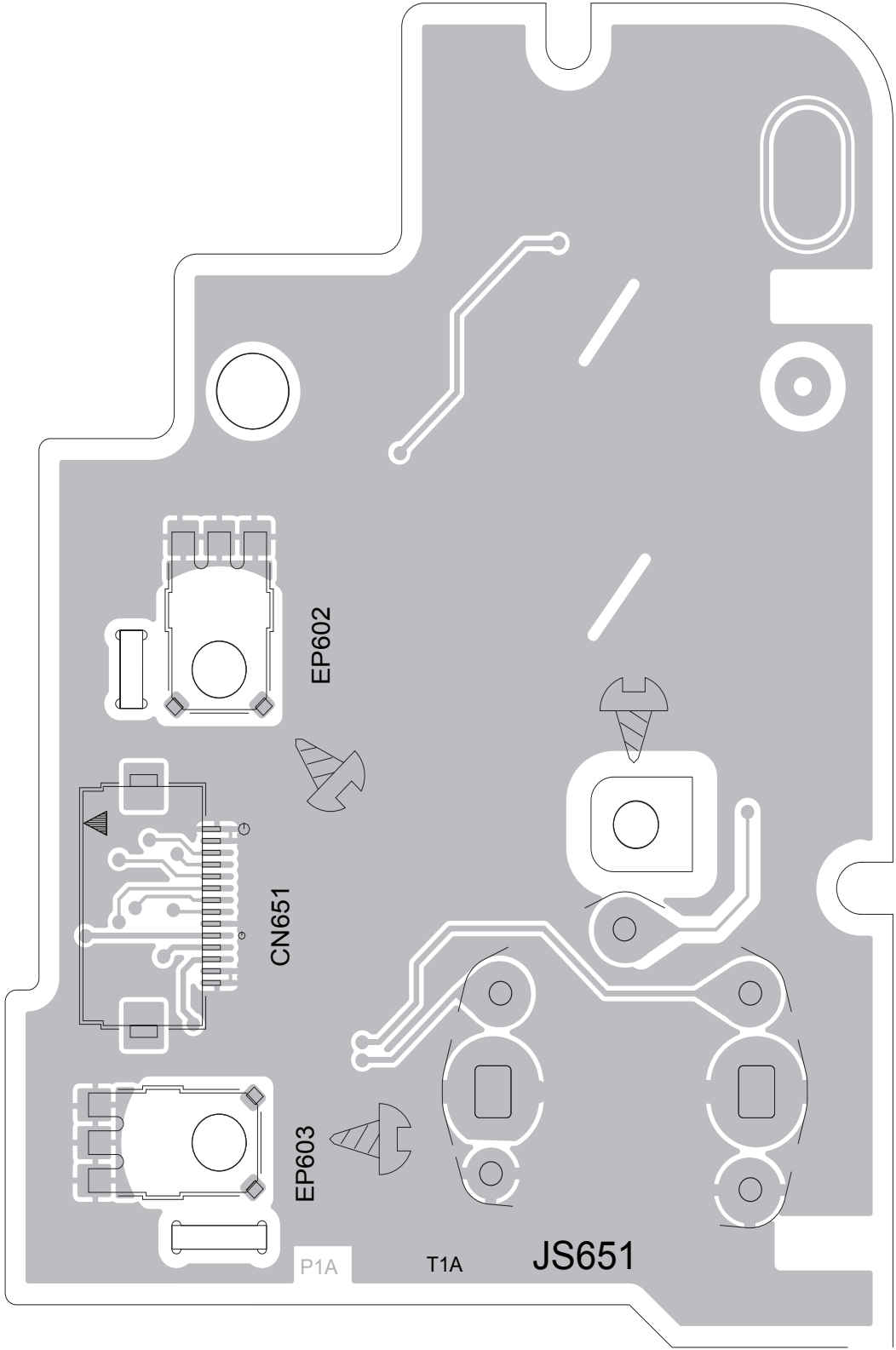
(Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade))
(Lead free solder used in the board (material : Sn-Cu, melting point : 230 Centigrade))



PANEL-B UNIT (SW) LVA11179-01A (LVB11179-001A)

(Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade))

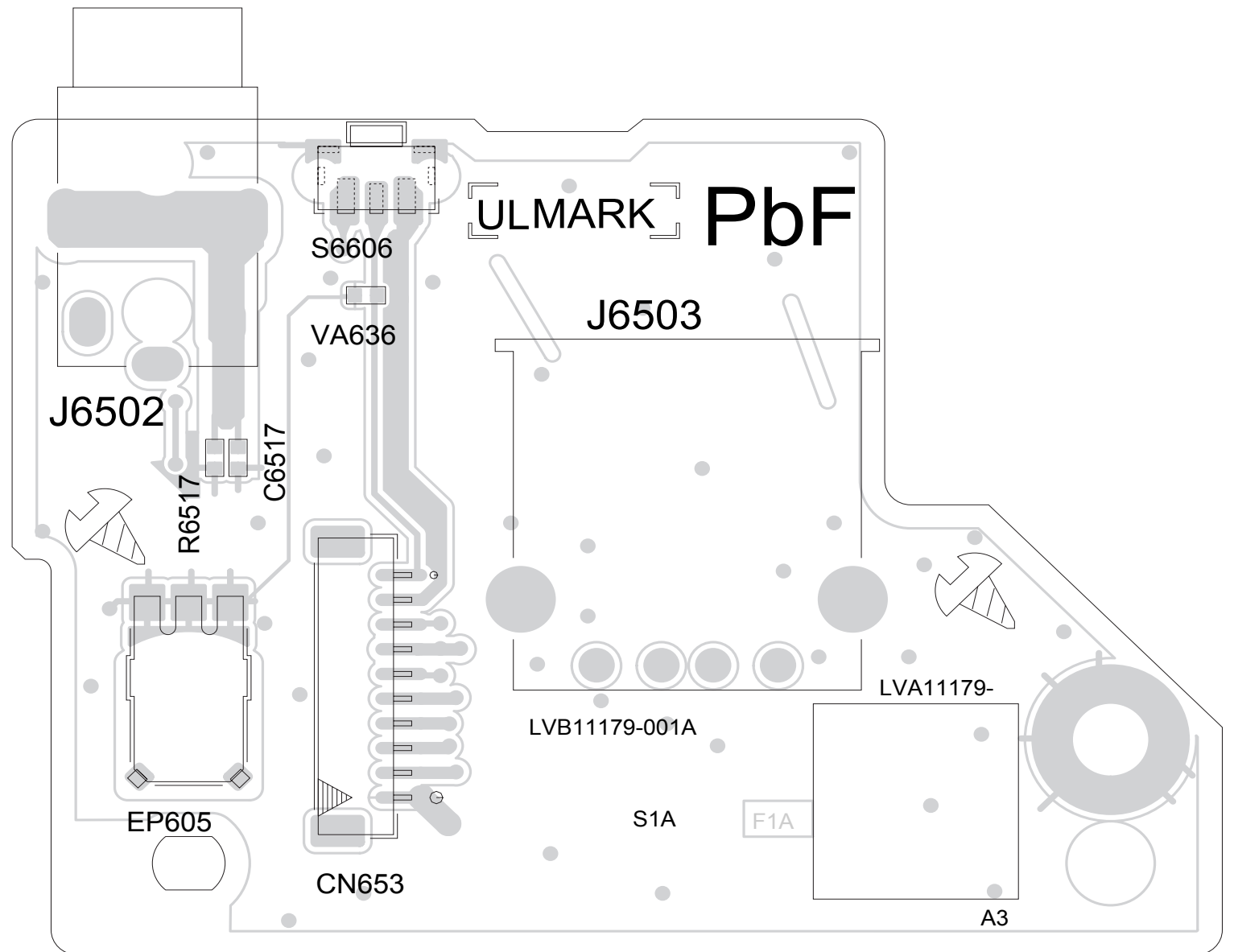
(Lead free solder used in the board (material : Sn-Cu, melting point : 230 Centigrade))



PANEL-B UNIT (DONGLE) LVA11179-01A (LVB11179-001A)

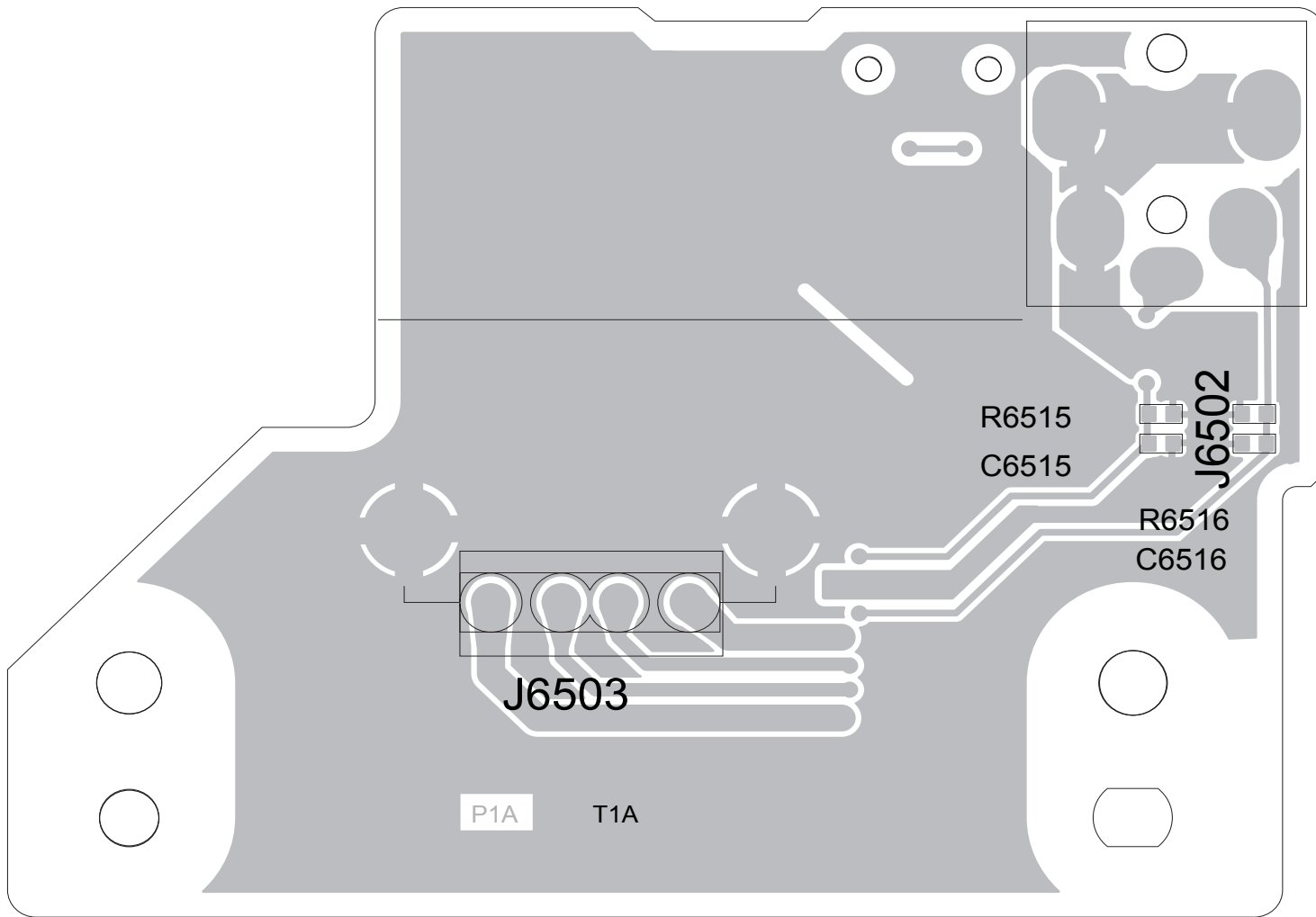
(Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade))

(Lead free solder used in the board (material : Sn-Cu, melting point : 230 Centigrade))



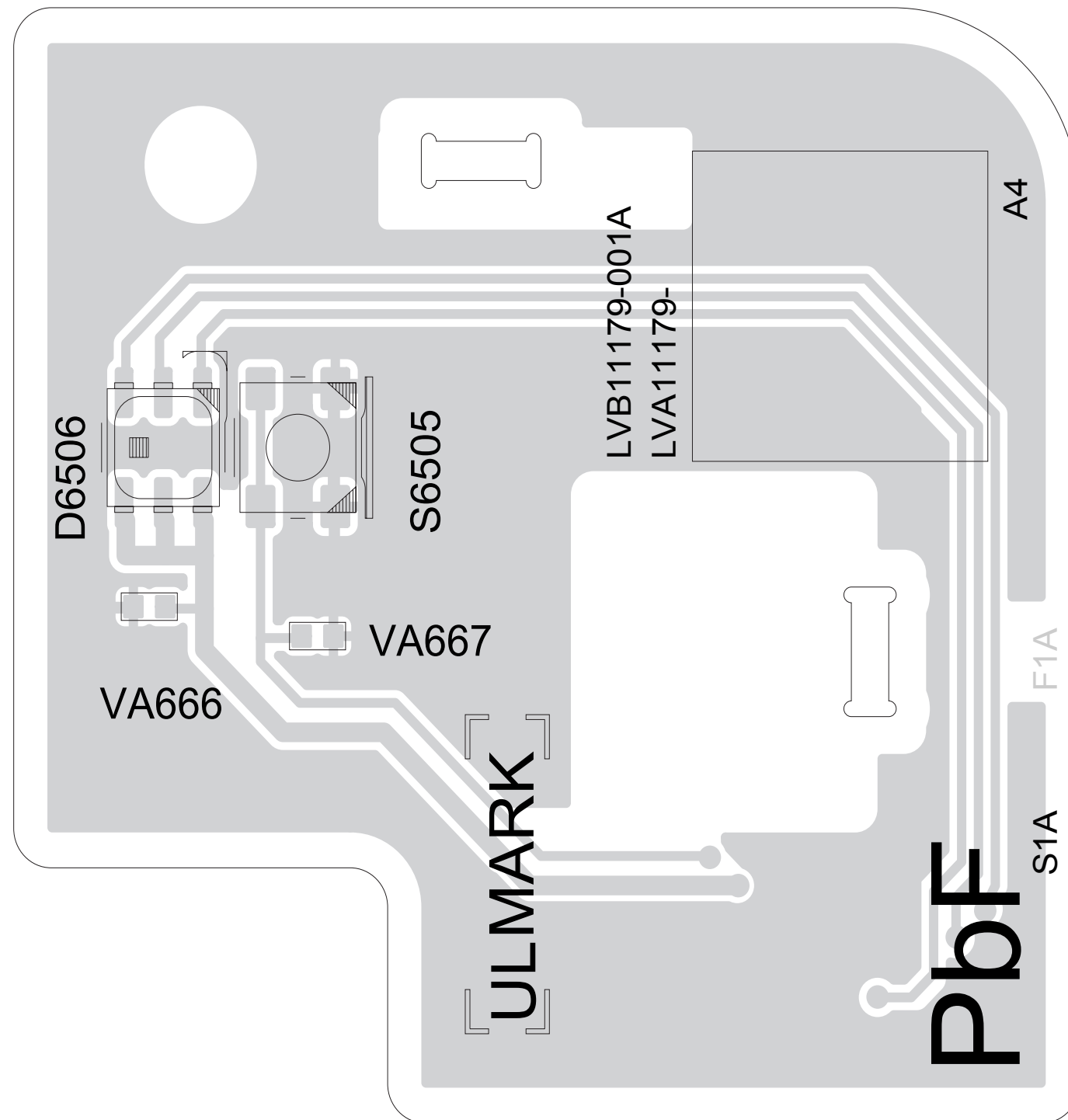
PANEL-B UNIT (DONGLE) LVA11179-01A (LVB11179-001A)

(Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade))
(Lead free solder used in the board (material : Sn-Cu, melting point : 230 Centigrade))



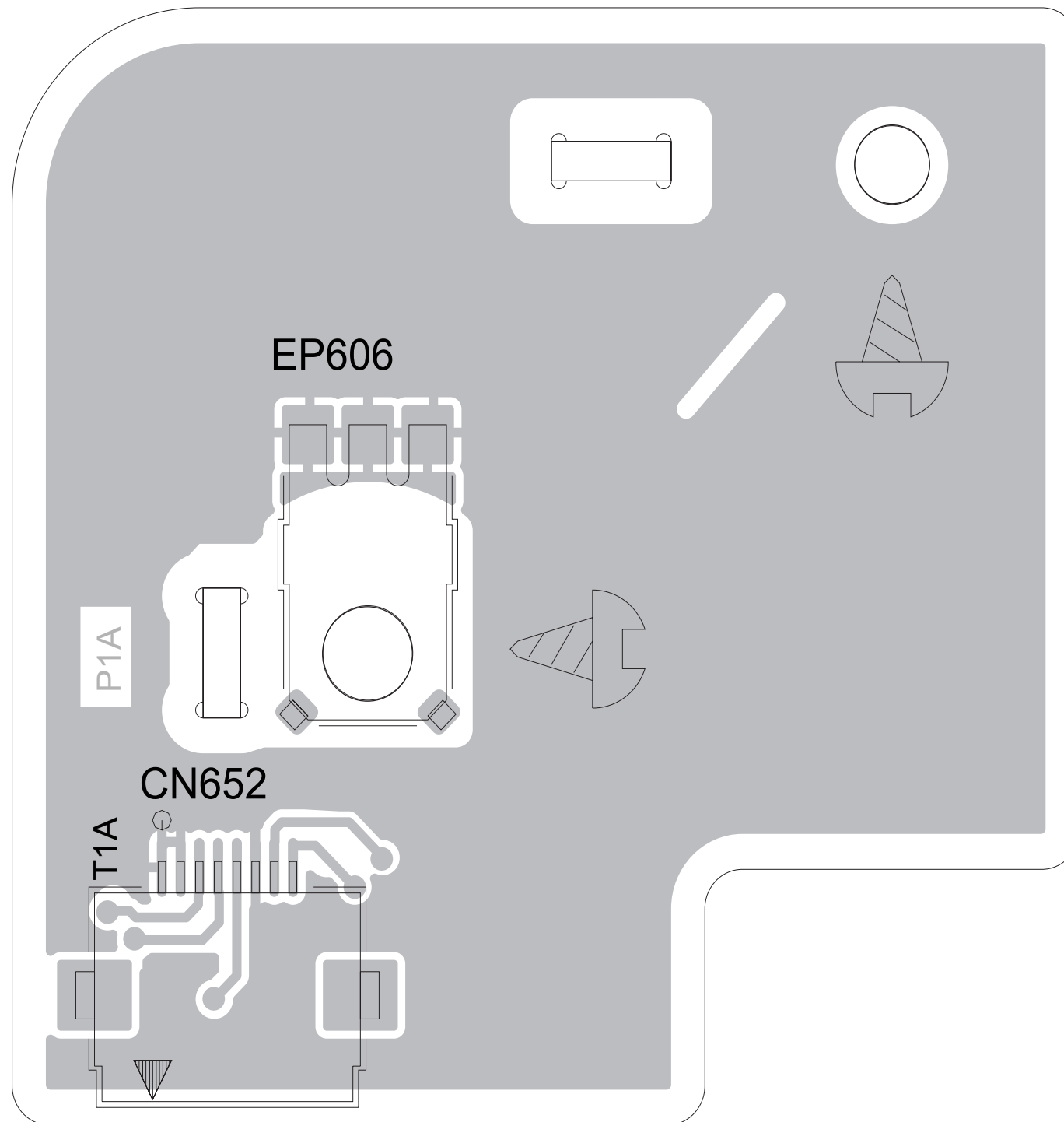
PANEL-B UNIT (EJECT) LVA11179-01A (LVB11179-001A)

(Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade))
(Lead free solder used in the board (material : Sn-Cu, melting point : 230 Centigrade))



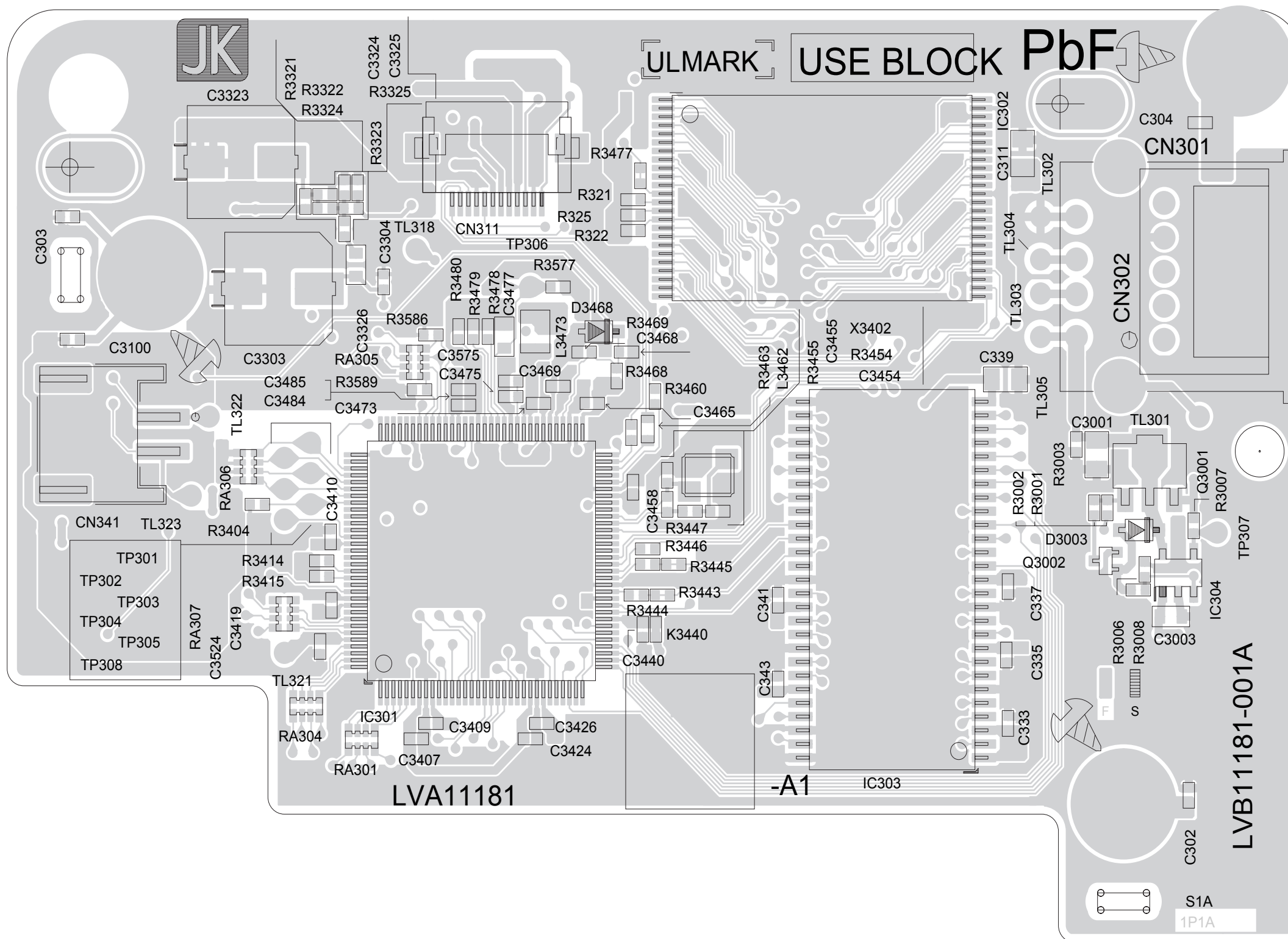
PANEL-B UNIT (EJECT) LVA11179-01A (LVB11179-001A)

(Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade))
(Lead free solder used in the board (material : Sn-Cu, melting point : 230 Centigrade))



BT UNIT LVA11181-02A (LVB11181-001A)

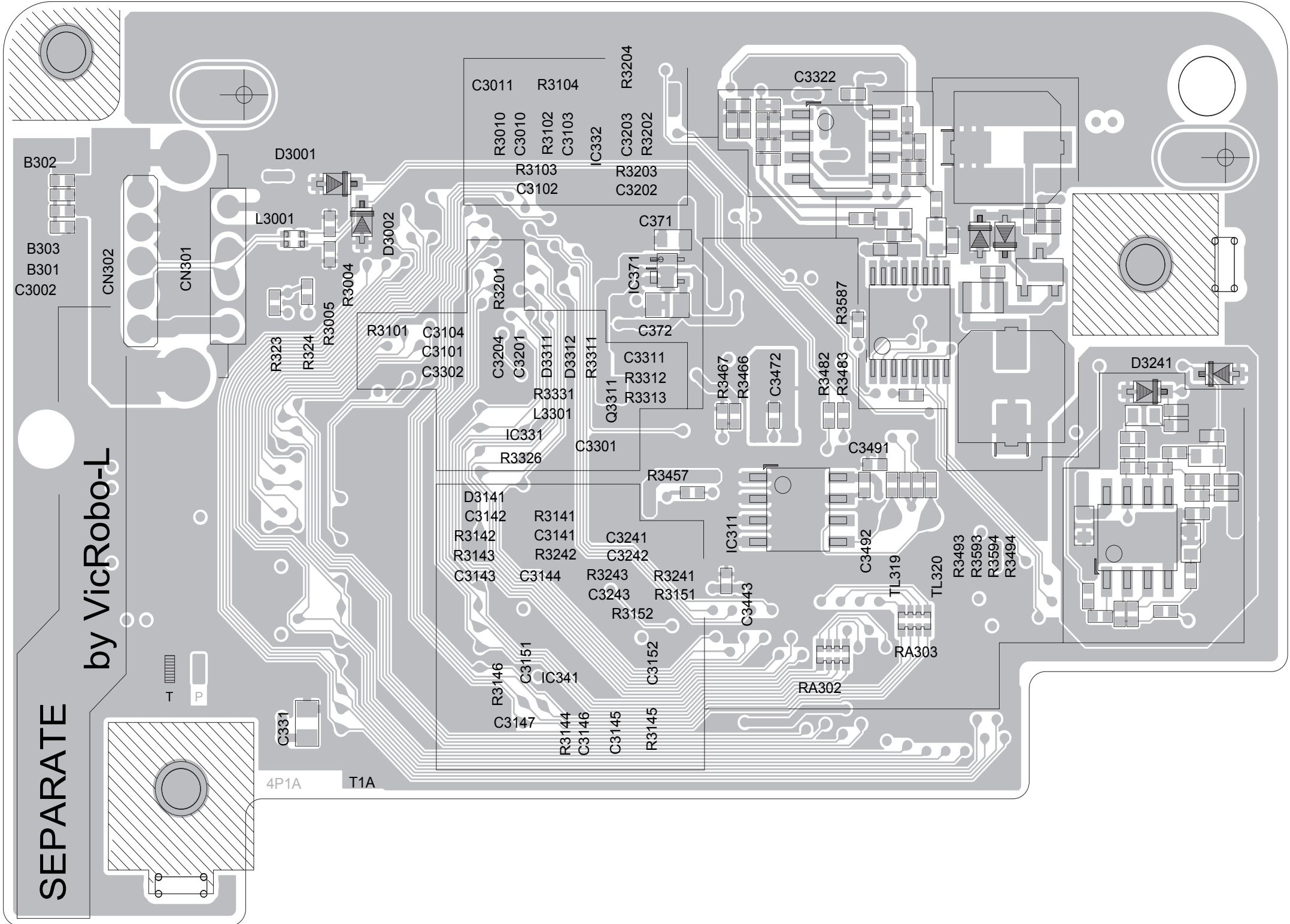
(Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade))
(Lead free solder used in the board (material : Sn-Cu, melting point : 230 Centigrade))



BT UNIT LVA11181-02A (LVB11181-001A)

(Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade))

(Lead free solder used in the board (material : Sn-Cu, melting point : 230 Centigrade))



DVD UNIT-2 LVA11111-08A (LVB11111-001D)

(Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade))

(Lead free solder used in the board (material : Sn-Cu, melting point : 230 Centigrade))



DVD UNIT-2 LVA11111-08A (LVB11111-001D)

(Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade))

(Lead free solder used in the board (material : Sn-Cu, melting point : 230 Centigrade))

