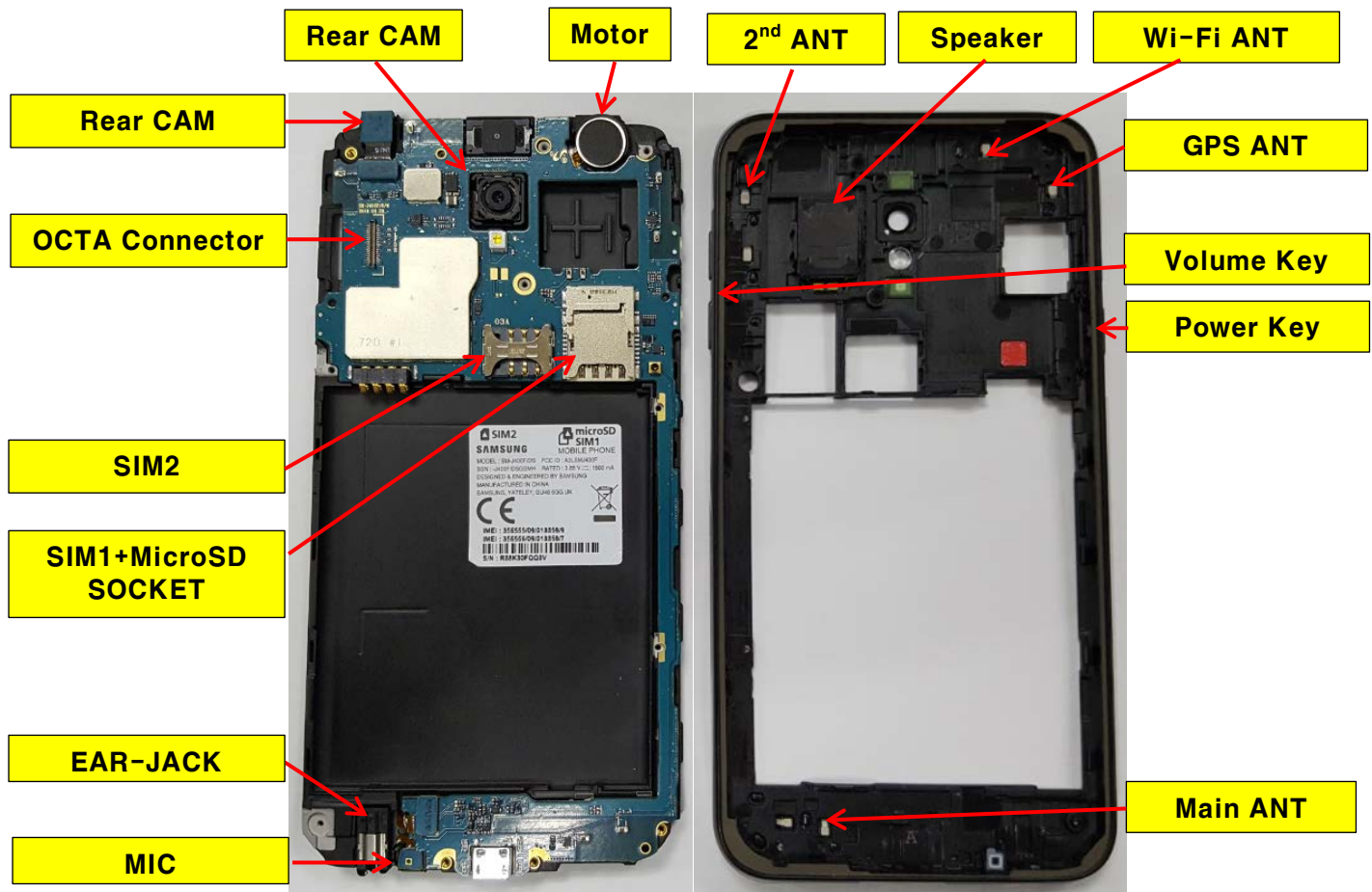


7. Level 2 Repair

7-1. Components on the Rear Case



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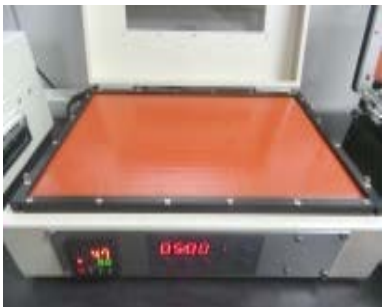
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7. Level 2 Repair

7-2. Pre-requisite

	
Tweezers / Disass'y Stick / Screw Driver	Anti-static Gloves
	
Anti-static Mat	Hot Plate
	
A OCTA Disassembly Holder	OCTA Disassembly Upper
	
Ethyl Alcohol	Cotton Swab



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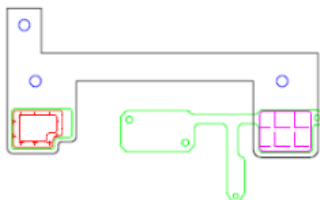
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7. Level 2 Repair

7-3. Parts which must be changed after repair

BOM Description & part code	Image	Remarks
Main Window Rework Tape [GH81-15583A]		Whenever the device Is disassembled and reassembled
HR Tape [GH81-15600A]		
Touch Key Top Tape [GH81-15668A]		



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7. Level 2 Repair

7-4. Disassembly

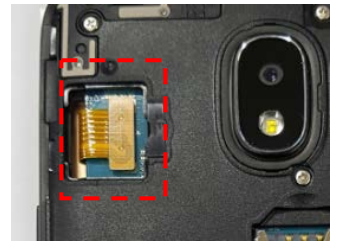
1

1. Put the device in the chamber or hot plate as following below heating condition
 - SOC 68%↓: 70℃/10~20min
 - SOC 68%↑: 60℃/10~20min※ Please confirm the heating condition released lastly, and follow it.



2

1. Lift LCD and disassemble FPCB Conn Cover
2. Detach LCD Connector.



※ Caution

- 1) Be careful set and LCD damage

※ Caution

- 1) Be care of FPCB damage

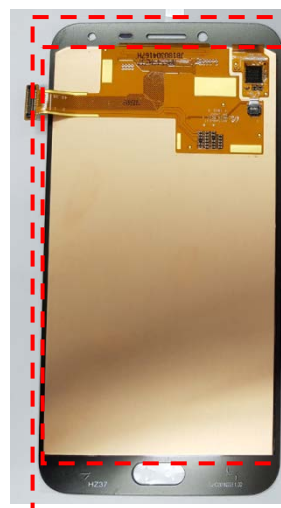
3

- Detach the LCD.



4

- Remove all residue.



※ Caution

- 1) Be careful set and LCD damage

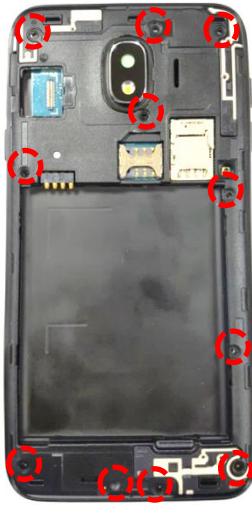
※ Caution

- 1) Be careful set and LCD damage

7. Level 2 Repair

5

Unscrew 11 points on the Rear



※ Caution

1) Be care of scratch and molding damage.

6

Disassemble the REAR

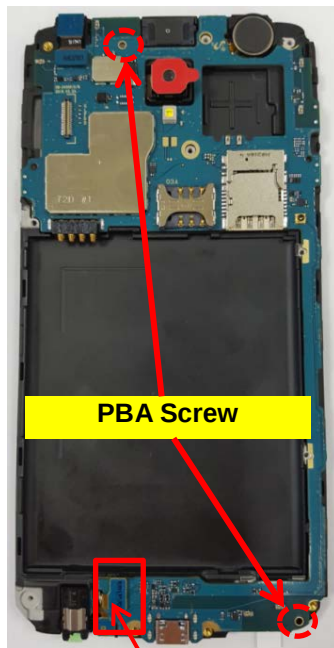


※ Caution

1) Be care of damage to components.

7

1. Unscrew 2 point on the main PBA
2. Separate Earjack connector



※ Caution

1) Be care of Earjack FPCB & PBA damage.

8

Remove vertically lifting the PBA



※ Caution

1) Be careful PBA damage.

7. Level 2 Repair

7-5. Assembly

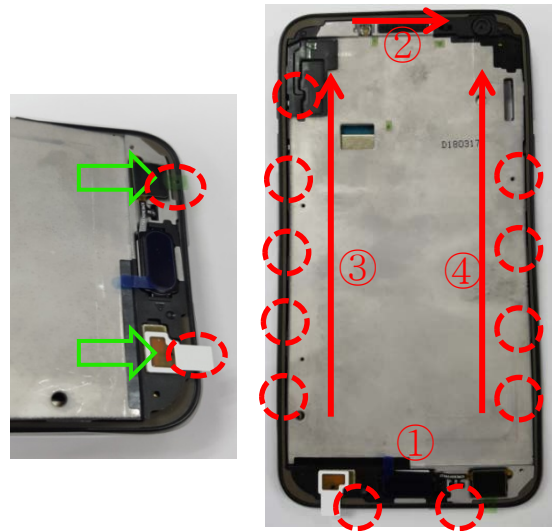
1

1. Assemble Main PBA on Bracket
2. Attach the earjack connector
3. Screw 2 point on the main PBA
[torque : 0.8 Kg $\cdot$ cm $\pm$ 7%, 1.4*2.5]



2

1. The earjack insert part from the Rear.
2. Assemble Bracket on the Rear case.
(Bottom $\rightarrow$ Top $\rightarrow$ Left & Right)



※ Caution

- 1) Be careful assembly line damage.

※ Caution

- 1) Be careful to the assembly line.

3

- screw 11 points on the Rear
[torque : 1.25Kg $\cdot$ cm $\pm$ 7%, 1.4*3.5]



※ Caution

- 1) Be care of scratch and molding damage.

4

- Attach OCTA form tape on the OCTA unit
using OCTA form tape attaching JIG.



※ Caution

- 1) Be careful set and LCD damage

7. Level 2 Repair

5

Remove all vinyl from Bracket, Touch key and Front Camera and OCTA outside.



6

Assemble OCTA to Bracket.



※ Caution

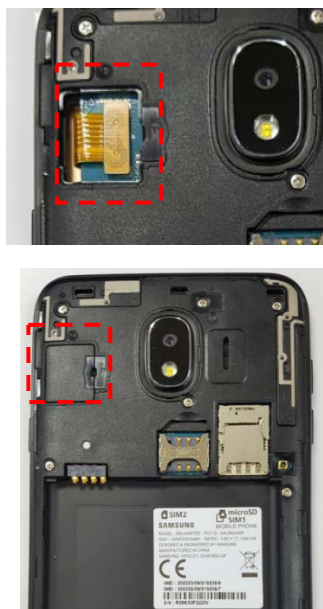
1) Be careful set and LCD damage

※ Caution

1) Be careful set and LCD damage

7

Assemble the LCD connector and LCD Connector cover



8

Press OCTA Window using Window pressing JIG.
- Force : 1N
- Time : 1minute
※ Please confirm the pressing condition released lastly, and follow it



※ Caution

1) Be care of FPCB damage

※ Caution



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5. MAIN Electrical Parts List

[SM-J400F]

Parts Code	Design LOC	Description
0401-001110	D600	DIODE-TVS
0406-001561	ZD505,ZD506,ZD509	DIODE-TVS
0406-001592	ZD4004	DIODE-TVS
0406-001633	ZD4011	DIODE-TVS
0406-001667	ZD513,ZD514	DIODE-TVS
0406-001709	ZD515	DIODE-TVS
0406-001713	ZD4009,ZD4010	DIODE-TVS
0406-001728	ZD1000,ZD4000	DIODE-TVS
0406-001743	ZD4006,ZD504	DIODE-TVS
0406-001776	ZD4003,ZD4005,ZD4007	DIODE-TVS
0406-001776	ZD4008,ZD4013	DIODE-TVS
0406-001781	ZD507,ZD512	DIODE-TVS
0406-001789	ZD4001,ZD4002	DIODE-TVS
0505-002088	Q600	FET
0601-003547	LED600	LED
0601-003692	LED4000	LED
1001-001911	U1001,U2000	SWITCH
1001-001970	U2004,U2005	SWITCH
1108-000636	UME500	MEMORY
1201-003786	U2008	LNA
1201-003984	U1006	LNA
1201-004036	U2001	LNA
1201-004100	PAM1001	PAM
1201-004106	PAM1000	PAM
1203-007884	U603	FLASH DRIVER
1203-008249	U600	LDO
1203-008741	U4005	OVP
1203-008751	U604	OCTA DCDC
1203-008831	U4000	PMIC
1203-008872	U601,U605	LDO
1203-008948	U2011	LDO
1203-008951	U4003	LDO
1205-005175	U4009	MUIC
1205-005239	U1000	Touch IC
1205-005671	UCP300	AP
1205-005806	U2010	TRANCEIVER
1205-005817	U2003	BT/WIFI/FM IC

5. MAIN Electrical Parts List

1209-002454	U607	PROXY SENSOR
1209-002552	U606	ACCELERATOR SENSOR
1404-001664	TH3000	THERMISTOR
1404-001724	V3000	THERMISTOR
1404-001734	TH1000	THERMISTOR
2007-002796	R508,R512	R-CHIP
2007-003015	R4030,R4031	R-CHIP
2007-007107	R3029,R3030,R530	R-CHIP
2007-007107	R531	R-CHIP
2007-007131	R4013	R-CHIP
2007-007142	R3009,R3010,R3014	R-CHIP
2007-007142	R4007,R502,R505,R510	R-CHIP
2007-007142	R527,R603,R608,R612	R-CHIP
2007-007142	R616	R-CHIP
2007-007193	R526,R529	R-CHIP
2007-007307	R4014	R-CHIP
2007-007517	R3027	R-CHIP
2007-007592	R528	R-CHIP
2007-007741	R1008,R610,R617,R618	R-CHIP
2007-007741	R622,R625	R-CHIP
2007-007798	R4032	R-CHIP
2007-007942	R3015,R525,R602	R-CHIP
2007-007946	R3016	R-CHIP
2007-008137	R607	R-CHIP
2007-008210	R1000	R-CHIP
2007-008294	R5000	R-CHIP
2007-008531	R624	R-CHIP
2007-008582	R1002,R1003	R-CHIP
2007-008587	R611	R-CHIP
2007-008774	R4029	R-CHIP
2007-008800	R3026,R3028,R511	R-CHIP
2007-009111	R533	R-CHIP
2007-009201	R500,R501	R-CHIP
2007-009212	R3004,R4035,R504	R-CHIP
2007-009212	R626	R-CHIP
2007-009408	R3020,R3021,R3024	R-CHIP
2007-009408	R3025,R507,R600,R601	R-CHIP
2007-009408	R604	R-CHIP
2007-009410	R514	R-CHIP

5. MAIN Electrical Parts List

2007-009766	R2000	R-CHIP
2007-009793	R513	R-CHIP
2007-009801	R3000,R3001,R3005	R-CHIP
2007-009801	R3006,R4015	R-CHIP
2007-009805	R1009,R2001	R-CHIP
2007-009920	R509	R-CHIP
2007-009924	R4002	R-CHIP
2007-009969	R506	R-CHIP
2007-010029	R4025	R-CHIP
2007-010685	R4005	R-CHIP
2007-010856	R4006	R-CHIP
2007-011043	R3002	R-CHIP
2007-011648	R4024	R-CHIP
2007-012033	R2003	R-CHIP
2203-000311	C4033	C-CERAMIC,CHIP
2203-001101	C4103	C-CERAMIC,CHIP
2203-001153	C4055,C4102	C-CERAMIC,CHIP
2203-003019	C4021	C-CERAMIC,CHIP
2203-005682	C1011,C1046,C1047	C-CERAMIC,CHIP
2203-005682	C1076,C1094,C1096	C-CERAMIC,CHIP
2203-005682	C4000,C4005,C4006	C-CERAMIC,CHIP
2203-005682	C4012,L1036	C-CERAMIC,CHIP
2203-005719	C1012,C1020,C1023	C-CERAMIC,CHIP
2203-005719	C1024	C-CERAMIC,CHIP
2203-005725	C1088,C3050,L1048	C-CERAMIC,CHIP
2203-005729	C2053,C517,C525,C543	C-CERAMIC,CHIP
2203-005729	C545,C546,C601	C-CERAMIC,CHIP
2203-005731	C3045,C3046,C3047	C-CERAMIC,CHIP
2203-005731	C3048,C500,C642	C-CERAMIC,CHIP
2203-005732	C4062,C542	C-CERAMIC,CHIP
2203-005734	C1001,C1034,C1085	C-CERAMIC,CHIP
2203-005734	C1086,C1099,C1102	C-CERAMIC,CHIP
2203-005734	C1112,C2002,C2003	C-CERAMIC,CHIP
2203-005734	C2007,C2008,C2014	C-CERAMIC,CHIP
2203-005734	C2017,C2020,C2024	C-CERAMIC,CHIP
2203-005734	C2033,C2035,C2039	C-CERAMIC,CHIP
2203-005734	C2060,C4096,L1061	C-CERAMIC,CHIP
2203-005734	L1085,L2005,L2009	C-CERAMIC,CHIP
2203-005734	L2017	C-CERAMIC,CHIP

5. MAIN Electrical Parts List

2203-005736	C1105,C4042	C-CERAMIC,CHIP
2203-005777	C1035,C1051,C1056	C-CERAMIC,CHIP
2203-005777	L1064	C-CERAMIC,CHIP
2203-005789	C1004,C1006,C1008	C-CERAMIC,CHIP
2203-005789	C1015,C1041,C1071	C-CERAMIC,CHIP
2203-005789	C1080,C1083,C1087	C-CERAMIC,CHIP
2203-005789	C2026,C2036,L1034	C-CERAMIC,CHIP
2203-005789	L1041	C-CERAMIC,CHIP
2203-005806	C3042,C3043	C-CERAMIC,CHIP
2203-006121	C528,C531	C-CERAMIC,CHIP
2203-006194	C1074,C2074,C2078	C-CERAMIC,CHIP
2203-006194	C2080,C2082,C2084	C-CERAMIC,CHIP
2203-006194	C2086,C2088,C2092	C-CERAMIC,CHIP
2203-006194	C2111,C530,C533,R523	C-CERAMIC,CHIP
2203-006318	C2051	C-CERAMIC,CHIP
2203-006400	C1068,C2016,C2018	C-CERAMIC,CHIP
2203-006400	C2022,C2029,C2031	C-CERAMIC,CHIP
2203-006400	C2062,C2110,C3006	C-CERAMIC,CHIP
2203-006400	C3038,C541	C-CERAMIC,CHIP
2203-006410	C1018,L1045	C-CERAMIC,CHIP
2203-006423	C1000,C1021,C2091	C-CERAMIC,CHIP
2203-006423	C4008,C4013,C4054	C-CERAMIC,CHIP
2203-006423	C4057,C4098,C4099	C-CERAMIC,CHIP
2203-006423	C4104,C507,C510,C519	C-CERAMIC,CHIP
2203-006423	C520,C544,C605	C-CERAMIC,CHIP
2203-006556	C4034,C529,C532,C600	C-CERAMIC,CHIP
2203-006604	C2055,C4058,C4094	C-CERAMIC,CHIP
2203-006604	C4101,C4108	C-CERAMIC,CHIP
2203-006642	L2000	C-CERAMIC,CHIP
2203-006648	C534	C-CERAMIC,CHIP
2203-006668	C3023,C3049,C4015	C-CERAMIC,CHIP
2203-006668	C4016,C4111	C-CERAMIC,CHIP
2203-006839	C1013,C1022,C1025	C-CERAMIC,CHIP
2203-006839	C4002,C646,C651	C-CERAMIC,CHIP
2203-006846	C2032	C-CERAMIC,CHIP
2203-006896	C1029,C1117,C2005	C-CERAMIC,CHIP
2203-006896	C523,C524,C607,L1006	C-CERAMIC,CHIP
2203-007194	C2063	C-CERAMIC,CHIP
2203-007210	C501,C506,C511,C513	C-CERAMIC,CHIP

5. MAIN Electrical Parts List

2203-007210	C521,C549	C-CERAMIC,CHIP
2203-007240	C4037,C4041,C4047	C-CERAMIC,CHIP
2203-007270	C4001,C4026,C4028	C-CERAMIC,CHIP
2203-007270	C4029,C4031,C4035	C-CERAMIC,CHIP
2203-007270	C4036,C4044	C-CERAMIC,CHIP
2203-007271	C1014,C1095,C3014	C-CERAMIC,CHIP
2203-007271	C3039,C4018,C4023	C-CERAMIC,CHIP
2203-007271	C4056,C4071,C4078	C-CERAMIC,CHIP
2203-007271	C4084,C4085,C4093	C-CERAMIC,CHIP
2203-007271	C4097,C655	C-CERAMIC,CHIP
2203-007317	C3013,C4050,C4051	C-CERAMIC,CHIP
2203-007317	C4068,C4100,C4105	C-CERAMIC,CHIP
2203-007317	C512,C522,C641,C643	C-CERAMIC,CHIP
2203-007391	C2090	C-CERAMIC,CHIP
2203-007393	C4019,C4020,C4024	C-CERAMIC,CHIP
2203-007393	C4032,C4045,C4046	C-CERAMIC,CHIP
2203-007393	C4052,C4087,C630	C-CERAMIC,CHIP
2203-007393	C631	C-CERAMIC,CHIP
2203-007781	C628,C636,C637	C-CERAMIC,CHIP
2203-007796	C1042,C1108,C1109	C-CERAMIC,CHIP
2203-007796	C2004,C2006,C2009	C-CERAMIC,CHIP
2203-007796	C2015,C2023,C2075	C-CERAMIC,CHIP
2203-007796	C2079,C2085,C2107	C-CERAMIC,CHIP
2203-007796	C2109,C3002,C3003	C-CERAMIC,CHIP
2203-007796	C3005,C3007,C3009	C-CERAMIC,CHIP
2203-007796	C3010,C3011,C3012	C-CERAMIC,CHIP
2203-007796	C3015,C3016,C3017	C-CERAMIC,CHIP
2203-007796	C3019,C3020,C3025	C-CERAMIC,CHIP
2203-007796	C3026,C3028,C3029	C-CERAMIC,CHIP
2203-007796	C3030,C3031,C3032	C-CERAMIC,CHIP
2203-007796	C3033,C3035,C3036	C-CERAMIC,CHIP
2203-007796	C3040,C3041,C4003	C-CERAMIC,CHIP
2203-007796	C4004,C4007,C4009	C-CERAMIC,CHIP
2203-007796	C4010,C4011,C4061	C-CERAMIC,CHIP
2203-007796	C4063,C4074,C4075	C-CERAMIC,CHIP
2203-007796	C4080,C4081,C4082	C-CERAMIC,CHIP
2203-007796	C502,C503,C505,C508	C-CERAMIC,CHIP
2203-007796	C509,C515,C602,C606	C-CERAMIC,CHIP
2203-007796	C622,C623,C624,C640	C-CERAMIC,CHIP

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5. MAIN Electrical Parts List

2203-007796	C644,C645,C649,C650	C-CERAMIC,CHIP
2203-008097	C2108,C3004,C3008	C-CERAMIC,CHIP
2203-008097	C3034,C4025,C4092	C-CERAMIC,CHIP
2203-008097	C518,C526	C-CERAMIC,CHIP
2203-008242	C2001,C3018,C3021	C-CERAMIC,CHIP
2203-008242	C3022,C3024,C4066	C-CERAMIC,CHIP
2203-008242	C4067,C4070,C4072	C-CERAMIC,CHIP
2203-008242	C4073,C4077,C504	C-CERAMIC,CHIP
2203-008243	C4043	C-CERAMIC,CHIP
2203-008529	C4040,C4053	C-CERAMIC,CHIP
2203-008654	C4107	C-CERAMIC,CHIP
2203-008860	C1091,C4030,C4049	C-CERAMIC,CHIP
2203-008860	C4059,C4060,C4086	C-CERAMIC,CHIP
2203-008860	C4088,C4106,C617	C-CERAMIC,CHIP
2203-008860	C618,C619,C620,C625	C-CERAMIC,CHIP
2203-008860	C647	C-CERAMIC,CHIP
2203-008876	C1098,C2019	C-CERAMIC,CHIP
2203-009537	C2077,C548	C-CERAMIC,CHIP
2203-009733	C1026,C2081,C2083	C-CERAMIC,CHIP
2203-009733	C2087,C2093,C3000	C-CERAMIC,CHIP
2203-009733	C604,C608,C627,C629	C-CERAMIC,CHIP
2203-009733	C632,C656,C657	C-CERAMIC,CHIP
2703-002313	L501,L504	INDUCTOR
2703-002649	C1049,L1032	INDUCTOR
2703-002901	L1002,L1042,L2002	INDUCTOR
2703-002903	L1012,L1086	INDUCTOR
2703-002907	L1043,L2040,L2047	INDUCTOR
2703-002955	L4015,L4016	INDUCTOR
2703-002958	C2030,L1010,L1084	INDUCTOR
2703-002958	L517	INDUCTOR
2703-002959	L2043,L600	INDUCTOR
2703-002961	L609,L610,L612,R627	INDUCTOR
2703-002999	C1052,L2003	INDUCTOR
2703-003004	L2001	INDUCTOR
2703-003476	L2011	INDUCTOR
2703-003878	L507	INDUCTOR
2703-003970	L2020,L2044	INDUCTOR
2703-004013	C1055	INDUCTOR
2703-004014	L1000,L1070,L2029	INDUCTOR

5. MAIN Electrical Parts List

2703-004034	C1003,C2115,L1053	INDUCTOR
2703-004034	L1066,L2028	INDUCTOR
2703-004038	L1008	INDUCTOR
2703-004286	C1077,L1026,L1056	INDUCTOR
2703-004286	L1075	INDUCTOR
2703-004287	C1118,L1025	INDUCTOR
2703-004288	L1007,L2006,L2030	INDUCTOR
2703-004288	L2037,L2039,L2045	INDUCTOR
2703-004289	C1075,L1004,L1011	INDUCTOR
2703-004289	L1013,L1063,L2007	INDUCTOR
2703-004289	L2024,L2025,L2026	INDUCTOR
2703-004295	L1014,L1035,L1044	INDUCTOR
2703-004295	L1072	INDUCTOR
2703-004297	L4006	INDUCTOR
2703-004298	C1005,L2016,L2031	INDUCTOR
2703-004298	L4009,L4010	INDUCTOR
2703-004299	L1005,L1039,L1082	INDUCTOR
2703-004299	L2008,L2021,L2023	INDUCTOR
2703-004300	C1060,L1071	INDUCTOR
2703-004317	C1054	INDUCTOR
2703-004328	L2013	INDUCTOR
2703-004363	C1050,L1038	INDUCTOR
2703-004703	L1029,L1080,L2012	INDUCTOR
2703-004761	L2018	INDUCTOR
2703-004763	C1070,L1028	INDUCTOR
2703-004862	C1069,L1062	INDUCTOR
2703-004901	L4002,L4003,L4005	INDUCTOR
2703-004947	L4004,L602	INDUCTOR
2703-005108	L601	INDUCTOR
2703-005117	L604,L606	INDUCTOR
2703-005295	C1002,C1079,L1031	INDUCTOR
2703-005295	L1073,L1076	INDUCTOR
2703-005296	L2019	INDUCTOR
2703-005366	L2038	INDUCTOR
2801-005264	OSC4000	OSCILLATOR
2805-001118	OSC3001	OSCILLATOR
2904-002143	F1003	FILTER-SAW
2904-002147	F1005	FILTER-SAW
2904-002198	F2002	FILTER-SAW

5. MAIN Electrical Parts List

2904-002278	F2001	FILTER-SAW
2904-002350	F1007	FILTER-SAW
2904-002356	F2005,F2006	FILTER-SAW
2904-002381	F2000	FILTER-SAW
2910-000401	F1004	FILTER-SAW
2911-000381	U1003	FILTER-SAW
2911-000424	U2002	FILTER-SAW
3301-001534	L2033,L500	BEAD
3301-001885	L511,L512	BEAD
3301-001901	L4001	BEAD
3301-002078	L505,L506,L508,L509	BEAD
3301-002078	L510,L513,L514,L515	BEAD
3301-002078	L516	BEAD
3301-002122	L502,L503	BEAD
3301-002237	L1018,L1057,L3001	BEAD
3301-002238	L1001,L2051,L2053	BEAD
3301-002238	L2055,L2056,L2058	BEAD
3301-002254	L4000	BEAD
3301-002312	L2049,L2050,L2052	BEAD
3301-002312	L2054,L603,L607,L608	BEAD
3404-001550	TAC600,TAC601,TAC602	TACT Switch
3705-001708	RFS1000	CONNECTOR-COAXIAL
3709-001799	SIM4000	SIM1/SD Card Connector
3709-001863	SIM4001	SIM2 Connector
3711-007295	HDC600	CONNECTOR
3711-007617	HDC601	CONNECTOR
3711-008511	HDC602	CONNECTOR
3711-008737	BTC4000	CONNECTOR
3711-009058	HDC500	CONNECTOR
3712-001604	ANT500,ANT503,ANT604	ANT CONTACT
3712-001604	ANT605	ANT CONTACT
3712-001666	ANT1000,ANT1001	ANT CONTACT
3712-001666	ANT2000,ANT2001	ANT CONTACT
3712-001666	ANT2003,ANT2004	ANT CONTACT
3712-001666	ANT501,ANT502	ANT CONTACT
3712-001694	ANT1003,ANT1005	ANT CONTACT
3712-001694	ANT1007,ANT1008	ANT CONTACT
3712-001694	ANT1009,ANT600	ANT CONTACT
3712-001694	ANT601,ANT603	ANT CONTACT

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5. MAIN Electrical Parts List

3712-001750	ANT602	ANT CONTACT
3722-003954	IFC4000	JACK-PHONE
4709-002412	CPL1000	FREQ-DISTRIBUTER
GH61-07985A	ANT1002	ANT CONTACT
GH61-09617A	SUS1001	SUS Plate
GH61-09658A	SUS1000	SUS Plate
GH61-09781A	SUS1002	SUS Plate
GH63-14659A	SC2000	SUS Plate
GH63-15718A	SC1001	SUS Plate
GH63-15719A	SC1000	SUS Plate
GH63-15720A	SC2001	SUS Plate
GH02-16475A	SC1001SP	AP SHIELD CAN TAPE



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5. MAIN Electrical Parts List

[SM-J400G]

Parts Code	Design LOC	Description
0401-001110	D600	DIODE
0406-001561	ZD505,ZD506,ZD509	DIODE
0406-001592	ZD4004	DIODE
0406-001633	ZD4011	DIODE
0406-001667	ZD513,ZD514	DIODE
0406-001709	ZD515	DIODE
0406-001713	ZD4009,ZD4010	DIODE
0406-001728	ZD1000,ZD4000	DIODE
0406-001743	ZD4006,ZD504	DIODE
0406-001776	ZD4003,ZD4005,ZD4007	DIODE
0406-001776	ZD4008,ZD4013	DIODE
0406-001781	ZD507,ZD512	DIODE
0406-001789	ZD4001,ZD4002	DIODE
0505-002088	Q600	FET
0601-003547	LED600	LED
0601-003692	LED4000	LED
1001-001844	U1002	SWITCH
1001-001911	U1001,U2000	SWITCH
1001-001970	U2004,U2005	SWITCH
1108-000636	UME500	MEMORY
1201-003786	U2008	LNA
1201-003984	U1006	LNA
1201-004036	U2001	LNA
1201-004100	PAM1001	PAM
1201-004106	PAM1000	PAM
1203-007884	U603	FLASH DRIVER
1203-008249	U600	LDO
1203-008741	U4005	OVP
1203-008751	U604	OCTA DCDC
1203-008831	U4000	PMIC
1203-008872	U601,U605	LDO
1203-008948	U2011	LDO
1203-008951	U4003	LDO
1205-005175	U4009	MUIC
1205-005239	U1000	Touch IC
1205-005671	UCP300	AP
1205-005806	U2010	TRANCEIVER

5. MAIN Electrical Parts List

1205-005817	U2003	BT/WIFI/FM IC
1209-002454	U607	PROXY SENSOR
1209-002552	U606	ACCELERATOR SENSOR
1404-001664	TH3000	THERMISTOR
1404-001724	V3000	THERMISTOR
1404-001734	TH1000	THERMISTOR
2007-002796	R508,R512	R-CHIP
2007-003015	R4030,R4031	R-CHIP
2007-007107	R3029,R3030,R530	R-CHIP
2007-007107	R531	R-CHIP
2007-007131	R4013	R-CHIP
2007-007142	R3009,R3010,R3014	R-CHIP
2007-007142	R4007,R502,R505,R510	R-CHIP
2007-007142	R527,R603,R608,R612	R-CHIP
2007-007142	R616	R-CHIP
2007-007193	R526,R529	R-CHIP
2007-007307	R4014	R-CHIP
2007-007517	R3027	R-CHIP
2007-007592	R528	R-CHIP
2007-007741	R1008,R610,R617,R618	R-CHIP
2007-007741	R622,R625	R-CHIP
2007-007798	R4032	R-CHIP
2007-007942	R3015,R525,R602	R-CHIP
2007-007946	R3016	R-CHIP
2007-008137	R607	R-CHIP
2007-008210	R1000	R-CHIP
2007-008294	R5000	R-CHIP
2007-008531	R624	R-CHIP
2007-008582	R1002,R1003	R-CHIP
2007-008587	R611	R-CHIP
2007-008774	R4029	R-CHIP
2007-008800	R3026,R3028,R511	R-CHIP
2007-009111	R533	R-CHIP
2007-009201	R500,R501	R-CHIP
2007-009212	R3004,R4035,R504	R-CHIP
2007-009212	R626	R-CHIP
2007-009408	R3020,R3021,R3024	R-CHIP
2007-009408	R3025,R507,R600,R601	R-CHIP
2007-009408	R604	R-CHIP



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2007-009410	R514	R-CHIP
2007-009766	R2000	R-CHIP
2007-009793	R513	R-CHIP
2007-009801	R3000,R3001,R3005	R-CHIP
2007-009801	R3006,R4015	R-CHIP
2007-009805	R1009,R2001	R-CHIP
2007-009920	R509	R-CHIP
2007-009924	R4002	R-CHIP
2007-009969	R506	R-CHIP
2007-010029	R4025	R-CHIP
2007-010685	R4005	R-CHIP
2007-010856	R4006	R-CHIP
2007-011043	R3002	R-CHIP
2007-011648	R4024	R-CHIP
2007-012033	R2003	R-CHIP
2203-000311	C4033	C-CERAMIC,CHIP
2203-001101	C4103	C-CERAMIC,CHIP
2203-001153	C4055,C4102	C-CERAMIC,CHIP
2203-003019	C4021	C-CERAMIC,CHIP
2203-005682	C1011,C1046,C1047	C-CERAMIC,CHIP
2203-005682	C1076,C1094,C1096	C-CERAMIC,CHIP
2203-005682	C4000,C4005,C4006	C-CERAMIC,CHIP
2203-005682	C4012,L1036	C-CERAMIC,CHIP
2203-005719	C1012,C1020,C1023	C-CERAMIC,CHIP
2203-005719	C1024	C-CERAMIC,CHIP
2203-005725	C1088,C3050	C-CERAMIC,CHIP
2203-005729	C2053,C517,C525,C543	C-CERAMIC,CHIP
2203-005729	C545,C546,C601	C-CERAMIC,CHIP
2203-005731	C3045,C3046,C3047	C-CERAMIC,CHIP
2203-005731	C3048,C500,C642	C-CERAMIC,CHIP
2203-005732	C4062,C542	C-CERAMIC,CHIP
2203-005734	C1001,C1034,C1085	C-CERAMIC,CHIP
2203-005734	C1086,C1089,C1099	C-CERAMIC,CHIP
2203-005734	C1102,C1112,C2002	C-CERAMIC,CHIP
2203-005734	C2003,C2007,C2008	C-CERAMIC,CHIP
2203-005734	C2014,C2017,C2020	C-CERAMIC,CHIP
2203-005734	C2024,C2033,C2035	C-CERAMIC,CHIP
2203-005734	C2039,C2060,C2061	C-CERAMIC,CHIP
2203-005734	C2064,C4096,L1061	C-CERAMIC,CHIP

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2203-005734	L1085,L2005,L2009	C-CERAMIC,CHIP
2203-005734	L2017	C-CERAMIC,CHIP
2203-005736	C1105,C4042	C-CERAMIC,CHIP
2203-005777	C1035,C1040,C1044	C-CERAMIC,CHIP
2203-005777	C1051,L1064	C-CERAMIC,CHIP
2203-005789	C1004,C1006,C1008	C-CERAMIC,CHIP
2203-005789	C1015,C1041,C1071	C-CERAMIC,CHIP
2203-005789	C1080,C1083,C1087	C-CERAMIC,CHIP
2203-005789	C2026,C2036,L1034	C-CERAMIC,CHIP
2203-005789	L1041	C-CERAMIC,CHIP
2203-005806	C3042,C3043	C-CERAMIC,CHIP
2203-006121	C528,C531	C-CERAMIC,CHIP
2203-006194	C1074,C1114,C2074	C-CERAMIC,CHIP
2203-006194	C2078,C2080,C2082	C-CERAMIC,CHIP
2203-006194	C2084,C2086,C2088	C-CERAMIC,CHIP
2203-006194	C2092,C2111,C530	C-CERAMIC,CHIP
2203-006194	C533,R523	C-CERAMIC,CHIP
2203-006305	C2059	C-CERAMIC,CHIP
2203-006318	C2051	C-CERAMIC,CHIP
2203-006400	C1068,C2016,C2018	C-CERAMIC,CHIP
2203-006400	C2022,C2029,C2031	C-CERAMIC,CHIP
2203-006400	C2062,C2110,C3006	C-CERAMIC,CHIP
2203-006400	C3038,C541	C-CERAMIC,CHIP
2203-006410	C1018,L1045	C-CERAMIC,CHIP
2203-006423	C1000,C1021,C2091	C-CERAMIC,CHIP
2203-006423	C4008,C4013,C4054	C-CERAMIC,CHIP
2203-006423	C4057,C4098,C4099	C-CERAMIC,CHIP
2203-006423	C4104,C507,C510,C519	C-CERAMIC,CHIP
2203-006423	C520,C544,C605	C-CERAMIC,CHIP
2203-006556	C4034,C529,C532,C600	C-CERAMIC,CHIP
2203-006604	C2055,C4058,C4094	C-CERAMIC,CHIP
2203-006604	C4101,C4108	C-CERAMIC,CHIP
2203-006642	L2000	C-CERAMIC,CHIP
2203-006648	C534	C-CERAMIC,CHIP
2203-006665	C1043	C-CERAMIC,CHIP
2203-006668	C3023,C3049,C4015	C-CERAMIC,CHIP
2203-006668	C4016,C4111	C-CERAMIC,CHIP
2203-006674	C1062,L1078	C-CERAMIC,CHIP
2203-006839	C1013,C1022,C1025	C-CERAMIC,CHIP

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2203-006839	C4002,C646,C651	C-CERAMIC,CHIP
2203-006846	C2032	C-CERAMIC,CHIP
2203-006896	C1029,C1117,C2005	C-CERAMIC,CHIP
2203-006896	C523,C524,C607,L1006	C-CERAMIC,CHIP
2203-007194	C2063	C-CERAMIC,CHIP
2203-007210	C501,C506,C511,C513	C-CERAMIC,CHIP
2203-007210	C521,C549	C-CERAMIC,CHIP
2203-007240	C4037,C4041,C4047	C-CERAMIC,CHIP
2203-007270	C4001,C4026,C4028	C-CERAMIC,CHIP
2203-007270	C4029,C4031,C4035	C-CERAMIC,CHIP
2203-007270	C4036,C4044	C-CERAMIC,CHIP
2203-007271	C1014,C1095,C3014	C-CERAMIC,CHIP
2203-007271	C3039,C4018,C4023	C-CERAMIC,CHIP
2203-007271	C4056,C4071,C4078	C-CERAMIC,CHIP
2203-007271	C4084,C4085,C4093	C-CERAMIC,CHIP
2203-007271	C4097,C655	C-CERAMIC,CHIP
2203-007317	C3013,C4050,C4051	C-CERAMIC,CHIP
2203-007317	C4068,C4100,C4105	C-CERAMIC,CHIP
2203-007317	C512,C522,C641,C643	C-CERAMIC,CHIP
2203-007391	C2090	C-CERAMIC,CHIP
2203-007393	C4019,C4020,C4024	C-CERAMIC,CHIP
2203-007393	C4032,C4045,C4046	C-CERAMIC,CHIP
2203-007393	C4052,C4087,C630	C-CERAMIC,CHIP
2203-007393	C631	C-CERAMIC,CHIP
2203-007781	C628,C636,C637	C-CERAMIC,CHIP
2203-007796	C1042,C1108,C1109	C-CERAMIC,CHIP
2203-007796	C2004,C2006,C2009	C-CERAMIC,CHIP
2203-007796	C2015,C2023,C2075	C-CERAMIC,CHIP
2203-007796	C2079,C2085,C2107	C-CERAMIC,CHIP
2203-007796	C2109,C3002,C3003	C-CERAMIC,CHIP
2203-007796	C3005,C3007,C3009	C-CERAMIC,CHIP
2203-007796	C3010,C3011,C3012	C-CERAMIC,CHIP
2203-007796	C3015,C3016,C3017	C-CERAMIC,CHIP
2203-007796	C3019,C3020,C3025	C-CERAMIC,CHIP
2203-007796	C3026,C3028,C3029	C-CERAMIC,CHIP
2203-007796	C3030,C3031,C3032	C-CERAMIC,CHIP
2203-007796	C3033,C3035,C3036	C-CERAMIC,CHIP
2203-007796	C3040,C3041,C4003	C-CERAMIC,CHIP
2203-007796	C4004,C4007,C4009	C-CERAMIC,CHIP

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2203-007796	C4010,C4011,C4061	C-CERAMIC,CHIP
2203-007796	C4063,C4074,C4075	C-CERAMIC,CHIP
2203-007796	C4080,C4081,C4082	C-CERAMIC,CHIP
2203-007796	C502,C503,C505,C508	C-CERAMIC,CHIP
2203-007796	C509,C515,C602,C606	C-CERAMIC,CHIP
2203-007796	C622,C623,C624,C640	C-CERAMIC,CHIP
2203-007796	C644,C645,C649,C650	C-CERAMIC,CHIP
2203-008097	C2108,C3004,C3008	C-CERAMIC,CHIP
2203-008097	C3034,C4025,C4092	C-CERAMIC,CHIP
2203-008097	C518,C526	C-CERAMIC,CHIP
2203-008242	C2001,C3018,C3021	C-CERAMIC,CHIP
2203-008242	C3022,C3024,C4066	C-CERAMIC,CHIP
2203-008242	C4067,C4070,C4072	C-CERAMIC,CHIP
2203-008242	C4073,C4077,C504	C-CERAMIC,CHIP
2203-008243	C4043	C-CERAMIC,CHIP
2203-008529	C4040,C4053	C-CERAMIC,CHIP
2203-008654	C4107	C-CERAMIC,CHIP
2203-008860	C1091,C4030,C4049	C-CERAMIC,CHIP
2203-008860	C4059,C4060,C4086	C-CERAMIC,CHIP
2203-008860	C4088,C4106,C617	C-CERAMIC,CHIP
2203-008860	C618,C619,C620,C625	C-CERAMIC,CHIP
2203-008860	C647	C-CERAMIC,CHIP
2203-008876	C1098,C2019	C-CERAMIC,CHIP
2203-009537	C2077,C548	C-CERAMIC,CHIP
2203-009733	C1026,C2081,C2083	C-CERAMIC,CHIP
2203-009733	C2087,C2093,C3000	C-CERAMIC,CHIP
2203-009733	C604,C608,C627,C629	C-CERAMIC,CHIP
2203-009733	C632,C656,C657	C-CERAMIC,CHIP
2703-002313	L501,L504	INDUCTOR
2703-002649	C1049,L1032	INDUCTOR
2703-002901	L1002,L1042,L2002	INDUCTOR
2703-002903	L1012,L1049,L1077	INDUCTOR
2703-002903	L1086	INDUCTOR
2703-002907	C2065,C2066,C2068	INDUCTOR
2703-002907	L2040,L2047	INDUCTOR
2703-002955	L4015,L4016	INDUCTOR
2703-002958	C2030,L1010,L517	INDUCTOR
2703-002959	L2043,L600	INDUCTOR
2703-002961	L609,L610,L612,R627	INDUCTOR

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2703-002999	C1052,L2003	INDUCTOR
2703-003004	L1084,L2001	INDUCTOR
2703-003476	L2011	INDUCTOR
2703-003878	L507	INDUCTOR
2703-003970	L2020,L2044	INDUCTOR
2703-004013	C1055	INDUCTOR
2703-004014	L1000,L1070,L2029	INDUCTOR
2703-004034	C1003,C2115,L1053	INDUCTOR
2703-004034	L1066,L2028,L2042	INDUCTOR
2703-004038	L1008	INDUCTOR
2703-004286	C1077,L1026,L1056	INDUCTOR
2703-004286	L1075	INDUCTOR
2703-004287	C1118,L1025	INDUCTOR
2703-004288	C1039,L1007,L2006	INDUCTOR
2703-004288	L2030,L2037,L2039	INDUCTOR
2703-004288	L2045	INDUCTOR
2703-004289	C1075,L1004,L1011	INDUCTOR
2703-004289	L1013,L1063,L2007	INDUCTOR
2703-004289	L2024,L2025,L2026	INDUCTOR
2703-004295	L1014,L1033,L1035	INDUCTOR
2703-004295	L1044,L1072	INDUCTOR
2703-004297	L4006	INDUCTOR
2703-004298	C1005,L2016,L2031	INDUCTOR
2703-004298	L4009,L4010	INDUCTOR
2703-004299	L1005,L1039,L1082	INDUCTOR
2703-004299	L2008,L2021,L2023	INDUCTOR
2703-004300	L1071	INDUCTOR
2703-004317	C1054	INDUCTOR
2703-004328	C1090,L2013	INDUCTOR
2703-004363	C1050,L1038	INDUCTOR
2703-004703	L1029,L1080,L2012	INDUCTOR
2703-004761	L2018	INDUCTOR
2703-004763	C1070,L1028	INDUCTOR
2703-004862	C1069,L1062	INDUCTOR
2703-004901	L4002,L4003,L4005	INDUCTOR
2703-004947	L4004,L602	INDUCTOR
2703-005108	L601	INDUCTOR
2703-005117	L604,L606	INDUCTOR
2703-005295	C1002,C1079,C1097	INDUCTOR

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2703-005295	L1031,L1073,L1076	INDUCTOR
2703-005295	L1079	INDUCTOR
2703-005296	L2019	INDUCTOR
2703-005366	L2038	INDUCTOR
2801-005264	OSC4000	OSCILLATOR
2805-001118	OSC3001	OSCILLATOR
2904-002143	F1003	FILTER-SAW
2904-002147	F1005	FILTER-SAW
2904-002198	F2002	FILTER-SAW
2904-002278	F2001	FILTER-SAW
2904-002326	F2007	FILTER-SAW
2904-002350	F1007	FILTER-SAW
2904-002356	F2005,F2006	FILTER-SAW
2904-002381	F2000	FILTER-SAW
2910-000401	F1004	FILTER-SAW
2910-000402	F1008	FILTER-SAW
2911-000381	U1003	FILTER-SAW
2911-000424	U2002	FILTER-SAW
3301-001534	L2033,L500	BEAD
3301-001885	L511,L512	BEAD
3301-001901	L4001	BEAD
3301-002078	L505,L506,L508,L509	BEAD
3301-002078	L510,L513,L514,L515	BEAD
3301-002078	L516	BEAD
3301-002122	L502,L503	BEAD
3301-002237	L1018,L1057,L3001	BEAD
3301-002238	L1001,L2051,L2053	BEAD
3301-002238	L2055,L2056,L2058	BEAD
3301-002254	L4000	BEAD
3301-002312	L2049,L2050,L2052	BEAD
3301-002312	L2054,L603,L607,L608	BEAD
3404-001550	TAC600,TAC601,TAC602	TACT Switch
3705-001708	RFS1000	CONNECTOR-COAXIAL
3709-001799	SIM4000	SIM1/SD Card Connector
3709-001863	SIM4001	SIM2 Connector
3711-007295	HDC600	ANT CONTACT
3711-007617	HDC601	ANT CONTACT
3711-008511	HDC602	ANT CONTACT
3711-008737	BTC4000	ANT CONTACT

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3711-009058	HDC500	ANT CONTACT
3712-001604	ANT500,ANT503,ANT604	JACK-PHONE
3712-001604	ANT605	RF-MODULE
3712-001666	ANT1000,ANT1001	ANT CONTACT
3712-001666	ANT2000,ANT2001	ANT CONTACT
3712-001666	ANT2003,ANT2004	ANT CONTACT
3712-001666	ANT501,ANT502	ANT CONTACT
3712-001694	ANT1003,ANT1005	ANT CONTACT
3712-001694	ANT1007,ANT1008	ANT CONTACT
3712-001694	ANT1009,ANT600	ANT CONTACT
3712-001694	ANT601,ANT603	ANT CONTACT
3712-001750	ANT602	ANT CONTACT
3722-003954	IFC4000	JACK-PHONE
4709-002412	CPL1000	FREQ-DISTRIBUTER
GH61-07985A	ANT1002	ANT CONTACT
GH61-09617A	SUS1001	SUS Plate
GH61-09658A	SUS1000	SUS Plate
GH61-09781A	SUS1002	SUS Plate
GH63-14659A	SC2000	SUS Plate
GH63-15718A	SC1001	SUS Plate
GH63-15719A	SC1000	SUS Plate
GH63-15720A	SC2001	SUS Plate
GH02-16475A	SC1001SP	AP SHIELD CAN TAPE

5. MAIN Electrical Parts List

[SM-J400M]

Parts Code	Design LOC	Description
0401-001110	D600	DIODE-TVS
0406-001561	ZD505,ZD506,ZD509	DIODE-TVS
0406-001592	ZD4004	DIODE-TVS
0406-001633	ZD4011	DIODE-TVS
0406-001667	ZD513,ZD514	DIODE-TVS
0406-001709	ZD515	DIODE-TVS
0406-001713	ZD4009,ZD4010	DIODE-TVS
0406-001728	ZD1000,ZD4000	DIODE-TVS
0406-001743	ZD4006,ZD504	DIODE-TVS
0406-001776	ZD4003,ZD4005,ZD4007	DIODE-TVS
0406-001776	ZD4008,ZD4013	DIODE-TVS
0406-001781	ZD507,ZD512	DIODE-TVS
0406-001789	ZD4001,ZD4002	DIODE-TVS
0505-002088	Q600	FET
0601-003547	LED600	LED
0601-003692	LED4000	LED
1001-001844	U1002	SWITCH
1001-001911	U1001,U2000	SWITCH
1001-001948	U1007	SWITCH
1001-001970	U2006,U2007,U2009	SWITCH
1108-000636	UME500	MEMORY
1201-003786	U2008	LNA
1201-003984	U1006	LNA
1201-004036	U2001	LNA
1201-004100	PAM1001	PAM
1201-004106	PAM1000	PAM
1203-007884	U603	FLASH DRIVER
1203-008249	U600	LDO
1203-008741	U4005	OVP
1203-008751	U604	OCTA DCDC
1203-008831	U4000	PMIC
1203-008872	U601,U605	LDO
1203-008948	U2011	LDO
1203-008951	U4003	LDO
1205-005175	U4009	MUIC
1205-005239	U1000	TOUCH IC
1205-005671	UCP300	AP

5. MAIN Electrical Parts List

1205-005806	U2010	TRANCEIVER
1205-005817	U2003	BT/WIFI/FM IC
1209-002454	U607	PROXY SENSOR
1209-002552	U606	ACCELERATOR SENSOR
1404-001664	TH3000	THERMISTOR
1404-001724	V3000	THERMISTOR
1404-001734	TH1000	THERMISTOR
2007-002796	R508,R512	R-CHIP
2007-003015	R4030,R4031	R-CHIP
2007-007107	R3029,R3030,R530	R-CHIP
2007-007107	R531	R-CHIP
2007-007131	R4013	R-CHIP
2007-007142	R3009,R3010,R3014	R-CHIP
2007-007142	R4007,R502,R505,R510	R-CHIP
2007-007142	R527,R603,R608,R612	R-CHIP
2007-007142	R616	R-CHIP
2007-007193	R526,R529	R-CHIP
2007-007307	R4014	R-CHIP
2007-007517	R3027	R-CHIP
2007-007592	R528	R-CHIP
2007-007741	R1007,R1008,R610	R-CHIP
2007-007741	R617,R618,R622,R625	R-CHIP
2007-007798	R4032	R-CHIP
2007-007942	R3015,R525,R602	R-CHIP
2007-007946	R3016	R-CHIP
2007-008137	R607	R-CHIP
2007-008210	R1000	R-CHIP
2007-008294	R5000	R-CHIP
2007-008531	R624	R-CHIP
2007-008582	R1002,R1003	R-CHIP
2007-008587	R611	R-CHIP
2007-008774	R4029	R-CHIP
2007-008800	R3026,R3028,R511	R-CHIP
2007-009111	R533	R-CHIP
2007-009201	R500,R501	R-CHIP
2007-009212	R3004,R4035,R504	R-CHIP
2007-009212	R626	R-CHIP
2007-009408	R3020,R3021,R3024	R-CHIP
2007-009408	R3025,R507,R600,R601	R-CHIP

5. MAIN Electrical Parts List

2007-009408	R604	R-CHIP
2007-009410	R514	R-CHIP
2007-009766	R2000	R-CHIP
2007-009793	R513	R-CHIP
2007-009801	R3000,R3001,R3005	R-CHIP
2007-009801	R3006,R4015	R-CHIP
2007-009805	R1009,R2001	R-CHIP
2007-009920	R509	R-CHIP
2007-009924	R4002	R-CHIP
2007-009969	R506	R-CHIP
2007-010029	R4025	R-CHIP
2007-010685	R4005	R-CHIP
2007-010856	R4006	R-CHIP
2007-011043	R3002	R-CHIP
2007-011648	R4024	R-CHIP
2007-012033	R2003	R-CHIP
2203-000311	C4033	C-CERAMIC,CHIP
2203-001101	C4103	C-CERAMIC,CHIP
2203-001153	C4055,C4102	C-CERAMIC,CHIP
2203-003019	C4021	C-CERAMIC,CHIP
2203-005682	C1011,C1046,C1047	C-CERAMIC,CHIP
2203-005682	C1076,C1094,C1096	C-CERAMIC,CHIP
2203-005682	C4000,C4005,C4006	C-CERAMIC,CHIP
2203-005682	C4012,L1036	C-CERAMIC,CHIP
2203-005719	C1012,C1020,C1023	C-CERAMIC,CHIP
2203-005719	C1024	C-CERAMIC,CHIP
2203-005725	C3050,L1048	C-CERAMIC,CHIP
2203-005729	C2053,C517,C525,C543	C-CERAMIC,CHIP
2203-005729	C545,C546,C601	C-CERAMIC,CHIP
2203-005731	C3045,C3046,C3047	C-CERAMIC,CHIP
2203-005731	C3048,C500,C642	C-CERAMIC,CHIP
2203-005732	C4062,C542	C-CERAMIC,CHIP
2203-005734	C1001,C1034,C1085	C-CERAMIC,CHIP
2203-005734	C1086,C1089,C1102	C-CERAMIC,CHIP
2203-005734	C1112,C2002,C2003	C-CERAMIC,CHIP
2203-005734	C2007,C2008,C2014	C-CERAMIC,CHIP
2203-005734	C2017,C2020,C2024	C-CERAMIC,CHIP
2203-005734	C2033,C2035,C2043	C-CERAMIC,CHIP
2203-005734	C2048,C2049,C2050	C-CERAMIC,CHIP



5. MAIN Electrical Parts List

2203-005734	C2060,C4096,L1061	C-CERAMIC,CHIP
2203-005734	L1067,L1085,L2005	C-CERAMIC,CHIP
2203-005734	L2009,L2017	C-CERAMIC,CHIP
2203-005736	C1105,C4042	C-CERAMIC,CHIP
2203-005777	C1035,C1040,C1044	C-CERAMIC,CHIP
2203-005777	C1051,C1056,C1059	C-CERAMIC,CHIP
2203-005777	L1064	C-CERAMIC,CHIP
2203-005789	C1004,C1006,C1008	C-CERAMIC,CHIP
2203-005789	C1015,C1041,C1071	C-CERAMIC,CHIP
2203-005789	C1083,C2026,C2036	C-CERAMIC,CHIP
2203-005789	L1034,L1041	C-CERAMIC,CHIP
2203-005792	C1028,C1064,C1113	C-CERAMIC,CHIP
2203-005806	C3042,C3043	C-CERAMIC,CHIP
2203-006121	C528,C531	C-CERAMIC,CHIP
2203-006123	C2046	C-CERAMIC,CHIP
2203-006194	C1074,C1114,C2074	C-CERAMIC,CHIP
2203-006194	C2078,C2080,C2082	C-CERAMIC,CHIP
2203-006194	C2084,C2086,C2088	C-CERAMIC,CHIP
2203-006194	C2092,C2111,C530	C-CERAMIC,CHIP
2203-006194	C533,R523	C-CERAMIC,CHIP
2203-006305	C1072,C2059,L1051	C-CERAMIC,CHIP
2203-006318	C2051	C-CERAMIC,CHIP
2203-006400	C1068,C2016,C2018	C-CERAMIC,CHIP
2203-006400	C2022,C2029,C2031	C-CERAMIC,CHIP
2203-006400	C2062,C2110,C3006	C-CERAMIC,CHIP
2203-006400	C3038,C541	C-CERAMIC,CHIP
2203-006410	C1018,C1066,C1067	C-CERAMIC,CHIP
2203-006410	L1045	C-CERAMIC,CHIP
2203-006423	C1000,C1021,C2091	C-CERAMIC,CHIP
2203-006423	C4008,C4013,C4054	C-CERAMIC,CHIP
2203-006423	C4057,C4098,C4099	C-CERAMIC,CHIP
2203-006423	C4104,C507,C510,C519	C-CERAMIC,CHIP
2203-006423	C520,C544,C605	C-CERAMIC,CHIP
2203-006556	C4034,C529,C532,C600	C-CERAMIC,CHIP
2203-006604	C2055,C4058,C4094	C-CERAMIC,CHIP
2203-006604	C4101,C4108	C-CERAMIC,CHIP
2203-006642	L2000	C-CERAMIC,CHIP
2203-006648	C534	C-CERAMIC,CHIP
2203-006665	C1043	C-CERAMIC,CHIP

5. MAIN Electrical Parts List

2203-006668	C3023,C3049,C4015	C-CERAMIC,CHIP
2203-006668	C4016,C4111	C-CERAMIC,CHIP
2203-006674	C1062,L1078	C-CERAMIC,CHIP
2203-006839	C1013,C1022,C1025	C-CERAMIC,CHIP
2203-006839	C4002,C646,C651	C-CERAMIC,CHIP
2203-006846	C2032	C-CERAMIC,CHIP
2203-006896	C1029,C1117,C2005	C-CERAMIC,CHIP
2203-006896	C523,C524,C607,L1006	C-CERAMIC,CHIP
2203-007194	C2063	C-CERAMIC,CHIP
2203-007210	C501,C506,C511,C513	C-CERAMIC,CHIP
2203-007210	C521,C549	C-CERAMIC,CHIP
2203-007240	C4037,C4041,C4047	C-CERAMIC,CHIP
2203-007270	C4001,C4026,C4028	C-CERAMIC,CHIP
2203-007270	C4029,C4031,C4035	C-CERAMIC,CHIP
2203-007270	C4036,C4044	C-CERAMIC,CHIP
2203-007271	C1014,C1095,C3014	C-CERAMIC,CHIP
2203-007271	C3039,C4018,C4023	C-CERAMIC,CHIP
2203-007271	C4056,C4071,C4078	C-CERAMIC,CHIP
2203-007271	C4084,C4085,C4093	C-CERAMIC,CHIP
2203-007271	C4097,C655	C-CERAMIC,CHIP
2203-007317	C3013,C4050,C4051	C-CERAMIC,CHIP
2203-007317	C4068,C4100,C4105	C-CERAMIC,CHIP
2203-007317	C512,C522,C641,C643	C-CERAMIC,CHIP
2203-007391	C2090	C-CERAMIC,CHIP
2203-007393	C4019,C4020,C4024	C-CERAMIC,CHIP
2203-007393	C4032,C4045,C4046	C-CERAMIC,CHIP
2203-007393	C4052,C4087,C630	C-CERAMIC,CHIP
2203-007393	C631	C-CERAMIC,CHIP
2203-007781	C628,C636,C637	C-CERAMIC,CHIP
2203-007796	C1042,C1108,C1109	C-CERAMIC,CHIP
2203-007796	C2004,C2006,C2009	C-CERAMIC,CHIP
2203-007796	C2015,C2023,C2075	C-CERAMIC,CHIP
2203-007796	C2079,C2085,C2107	C-CERAMIC,CHIP
2203-007796	C2109,C3002,C3003	C-CERAMIC,CHIP
2203-007796	C3005,C3007,C3009	C-CERAMIC,CHIP
2203-007796	C3010,C3011,C3012	C-CERAMIC,CHIP
2203-007796	C3015,C3016,C3017	C-CERAMIC,CHIP
2203-007796	C3019,C3020,C3025	C-CERAMIC,CHIP
2203-007796	C3026,C3028,C3029	C-CERAMIC,CHIP

5. MAIN Electrical Parts List

2203-007796	C3030,C3031,C3032	C-CERAMIC,CHIP
2203-007796	C3033,C3035,C3036	C-CERAMIC,CHIP
2203-007796	C3040,C3041,C4003	C-CERAMIC,CHIP
2203-007796	C4004,C4007,C4009	C-CERAMIC,CHIP
2203-007796	C4010,C4011,C4061	C-CERAMIC,CHIP
2203-007796	C4063,C4074,C4075	C-CERAMIC,CHIP
2203-007796	C4080,C4081,C4082	C-CERAMIC,CHIP
2203-007796	C502,C503,C505,C508	C-CERAMIC,CHIP
2203-007796	C509,C515,C602,C606	C-CERAMIC,CHIP
2203-007796	C622,C623,C624,C640	C-CERAMIC,CHIP
2203-007796	C644,C645,C649,C650	C-CERAMIC,CHIP
2203-008097	C2108,C3004,C3008	C-CERAMIC,CHIP
2203-008097	C3034,C4025,C4092	C-CERAMIC,CHIP
2203-008097	C518,C526	C-CERAMIC,CHIP
2203-008242	C2001,C3018,C3021	C-CERAMIC,CHIP
2203-008242	C3022,C3024,C4066	C-CERAMIC,CHIP
2203-008242	C4067,C4070,C4072	C-CERAMIC,CHIP
2203-008242	C4073,C4077,C504	C-CERAMIC,CHIP
2203-008243	C4043	C-CERAMIC,CHIP
2203-008529	C4040,C4053	C-CERAMIC,CHIP
2203-008654	C4107	C-CERAMIC,CHIP
2203-008860	C1091,C4030,C4049	C-CERAMIC,CHIP
2203-008860	C4059,C4060,C4086	C-CERAMIC,CHIP
2203-008860	C4088,C4106,C617	C-CERAMIC,CHIP
2203-008860	C618,C619,C620,C625	C-CERAMIC,CHIP
2203-008860	C647	C-CERAMIC,CHIP
2203-008876	C1098,C2019	C-CERAMIC,CHIP
2203-009537	C2077,C548	C-CERAMIC,CHIP
2203-009733	C1026,C2081,C2083	C-CERAMIC,CHIP
2203-009733	C2087,C2093,C3000	C-CERAMIC,CHIP
2203-009733	C604,C608,C627,C629	C-CERAMIC,CHIP
2203-009733	C632,C656,C657	C-CERAMIC,CHIP
2703-002313	L501,L504	INDUCTOR
2703-002649	C1049,C1065,L1032	INDUCTOR
2703-002649	L1054,L2032	INDUCTOR
2703-002858	C1090,L1069	INDUCTOR
2703-002901	L1002,L1042,L2002	INDUCTOR
2703-002903	C1036,L1012,L1049	INDUCTOR
2703-002903	L1077,L1086	INDUCTOR

5. MAIN Electrical Parts List

2703-002907	C1097,C2065,C2066	INDUCTOR
2703-002907	C2068,L1043,L1079	INDUCTOR
2703-002907	L2040,L2047	INDUCTOR
2703-002955	L4015,L4016	INDUCTOR
2703-002958	C2030,L1010,L517	INDUCTOR
2703-002959	L2043,L600	INDUCTOR
2703-002961	L609,L610,L612,R627	INDUCTOR
2703-002999	C1052,L2003	INDUCTOR
2703-003004	L2001	INDUCTOR
2703-003476	L2011	INDUCTOR
2703-003878	L507	INDUCTOR
2703-003970	L1083,L2020,L2044	INDUCTOR
2703-004000	L1084	INDUCTOR
2703-004012	C1027,L1081	INDUCTOR
2703-004013	C1055	INDUCTOR
2703-004014	L1000	INDUCTOR
2703-004033	C1073	INDUCTOR
2703-004034	C1003,C2115,L1053	INDUCTOR
2703-004034	L1059,L2042	INDUCTOR
2703-004038	C2044,L1008	INDUCTOR
2703-004286	C1077,L1021,L1026	INDUCTOR
2703-004286	L1046,L1056,L1068	INDUCTOR
2703-004287	C1118,L1015,L1025	INDUCTOR
2703-004288	C1039,L1007,L2006	INDUCTOR
2703-004288	L2034,L2037,L2039	INDUCTOR
2703-004288	L2045	INDUCTOR
2703-004289	C2045,C2047,L1004	INDUCTOR
2703-004289	L1011,L1013,L1063	INDUCTOR
2703-004289	L2007	INDUCTOR
2703-004295	C1030,L1014,L1024	INDUCTOR
2703-004295	L1030,L1033,L1035	INDUCTOR
2703-004295	L1044,L2036	INDUCTOR
2703-004297	L4006	INDUCTOR
2703-004298	C1005,L2016,L4009	INDUCTOR
2703-004298	L4010	INDUCTOR
2703-004299	L1005,L1039,L1082	INDUCTOR
2703-004299	L2008,L2021	INDUCTOR
2703-004300	C1060	INDUCTOR
2703-004328	L2013	INDUCTOR

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2703-004363	C1050,L1038	INDUCTOR
2703-004368	L1058	INDUCTOR
2703-004703	L1029,L1080,L2012	INDUCTOR
2703-004761	L2018	INDUCTOR
2703-004763	C1070,L1017,L1028	INDUCTOR
2703-004862	C1069,L1062	INDUCTOR
2703-004901	L4002,L4003,L4005	INDUCTOR
2703-004911	L1050	INDUCTOR
2703-004947	L4004,L602	INDUCTOR
2703-005087	C1082,L1052	INDUCTOR
2703-005108	L601	INDUCTOR
2703-005117	L604,L606	INDUCTOR
2703-005295	C1002,L1031	INDUCTOR
2703-005296	L2019	INDUCTOR
2703-005366	L2038	INDUCTOR
2801-005264	OSC4000	OSCILLATOR
2805-001118	OSC3001	OSCILLATOR
2904-002143	F1003	FILTER-SAW
2904-002256	F1001	FILTER-SAW
2904-002304	F2004	FILTER-SAW
2904-002326	F2007	FILTER-SAW
2904-002339	F2003	FILTER-SAW
2904-002345	F1000	FILTER-SAW
2904-002356	F2005,F2006	FILTER-SAW
2904-002381	F2000	FILTER-SAW
2910-000364	F1002	FILTER-SAW
2910-000401	F1004	FILTER-SAW
2910-000402	F1008	FILTER-SAW
2910-000404	F1006	FILTER-SAW
2911-000382	U1003	FILTER-SAW
2911-000424	U2002	FILTER-SAW
3301-001534	L2033,L500	BEAD
3301-001885	L511,L512	BEAD
3301-001901	L4001	BEAD
3301-002078	L505,L506,L508,L509	BEAD
3301-002078	L510,L513,L514,L515	BEAD
3301-002078	L516	BEAD
3301-002122	L502,L503	BEAD
3301-002237	L1018,L1057,L3001	BEAD

5. MAIN Electrical Parts List

3301-002238	L1001,L2051,L2053	BEAD
3301-002238	L2055,L2056,L2058	BEAD
3301-002254	L4000	BEAD
3301-002312	L2049,L2050,L2052	BEAD
3301-002312	L2054,L603,L607,L608	BEAD
3404-001550	TAC600,TAC601,TAC602	TACT Switch
3705-001708	RFS1000	CONNECTOR-COAXIAL
3709-001799	SIM4000	SIM1/SD Card Connector
3709-001863	SIM4001	SIM2 Connector
3711-007295	HDC600	CONNECTOR
3711-007617	HDC601	CONNECTOR
3711-008511	HDC602	CONNECTOR
3711-008737	BTC4000	CONNECTOR
3711-009058	HDC500	CONNECTOR
3712-001604	ANT500,ANT503,ANT604	ANT CONTACT
3712-001604	ANT605	ANT CONTACT
3712-001666	ANT1000,ANT1001	ANT CONTACT
3712-001666	ANT2000,ANT2001	ANT CONTACT
3712-001666	ANT2003,ANT2004	ANT CONTACT
3712-001666	ANT501,ANT502	ANT CONTACT
3712-001694	ANT1003,ANT1005	ANT CONTACT
3712-001694	ANT1007,ANT1008	ANT CONTACT
3712-001694	ANT1009,ANT600	ANT CONTACT
3712-001694	ANT601,ANT603	ANT CONTACT
3712-001750	ANT602	ANT CONTACT
3722-003954	IFC4000	JACK-PHONE
4709-002412	CPL1000	FREQ-DISTRIBUTER
GH61-07985A	ANT1002	ANT CONTACT
GH61-09617A	SUS1001	SUS Plate
GH61-09658A	SUS1000	SUS Plate
GH61-09781A	SUS1002	SUS Plate
GH63-14659A	SC2000	SUS Plate
GH63-15718A	SC1001	SUS Plate
GH63-15719A	SC1000	SUS Plate
GH63-15720A	SC2001	SUS Plate
GH02-16475A	SC1001SP	AP SHIELD CAN TAPE

Please consult the GSPN website (Samsung Portal) for the most recent version of the product's part list.

SM-J400F Block Diagram 18.04.10

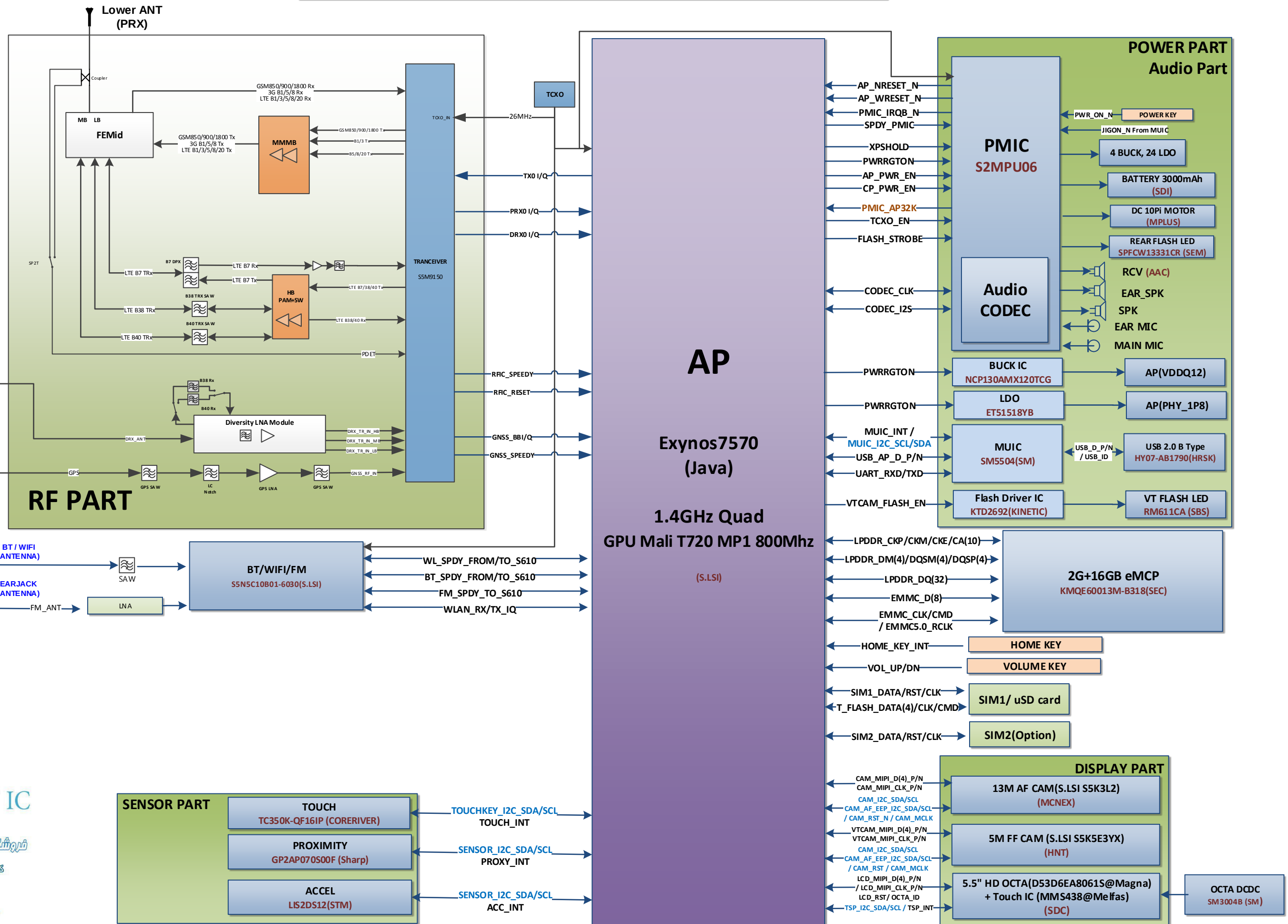


شرکت توسعه آی سی موبایل

گفتار ما در پیام رسان سروش

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Upper ANT
(DRX_LB)Upper ANT
(GPS)

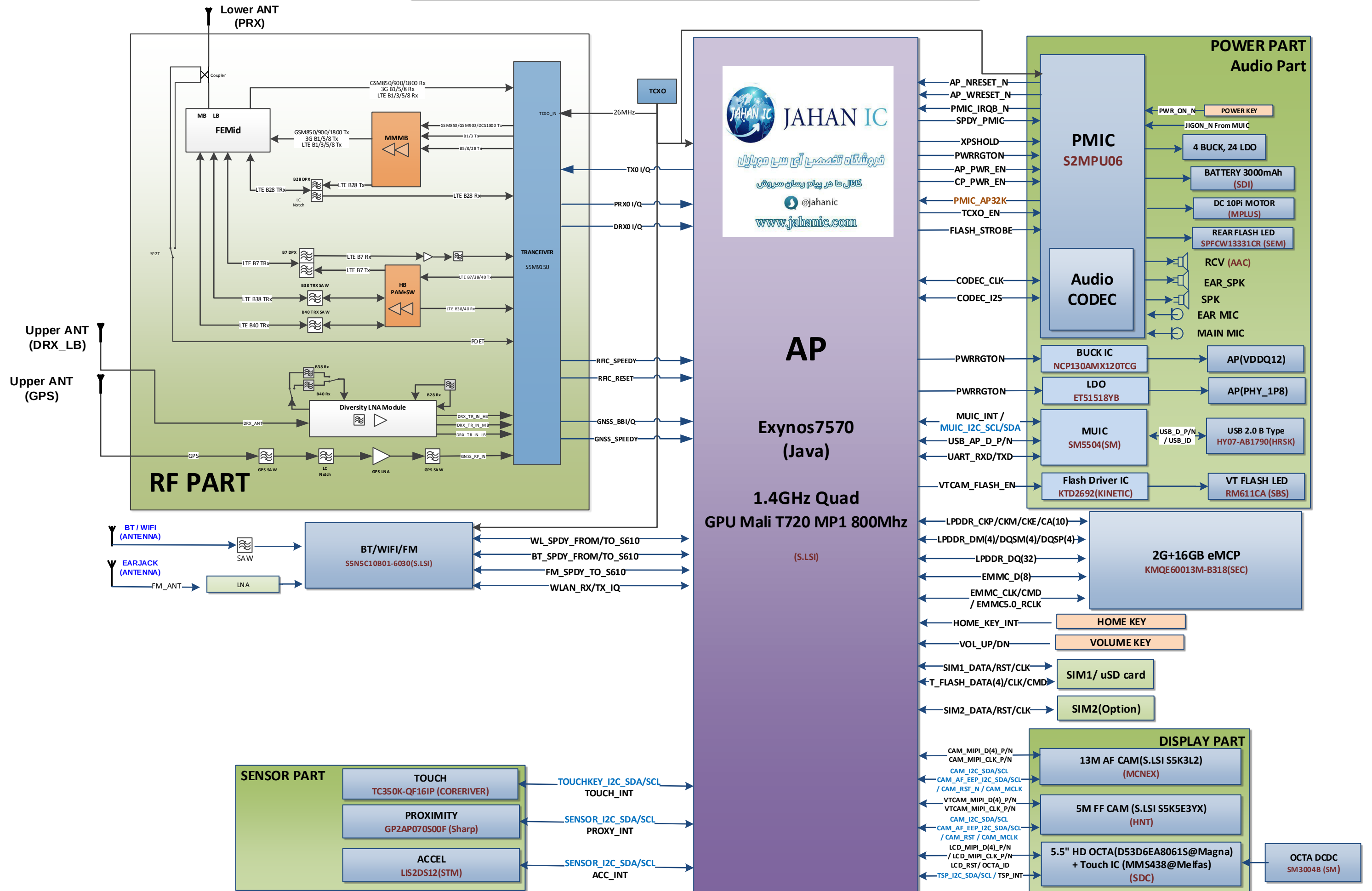
شرکت توسعه آی سی موبایل

گفتار ما در پیام رسان سروش

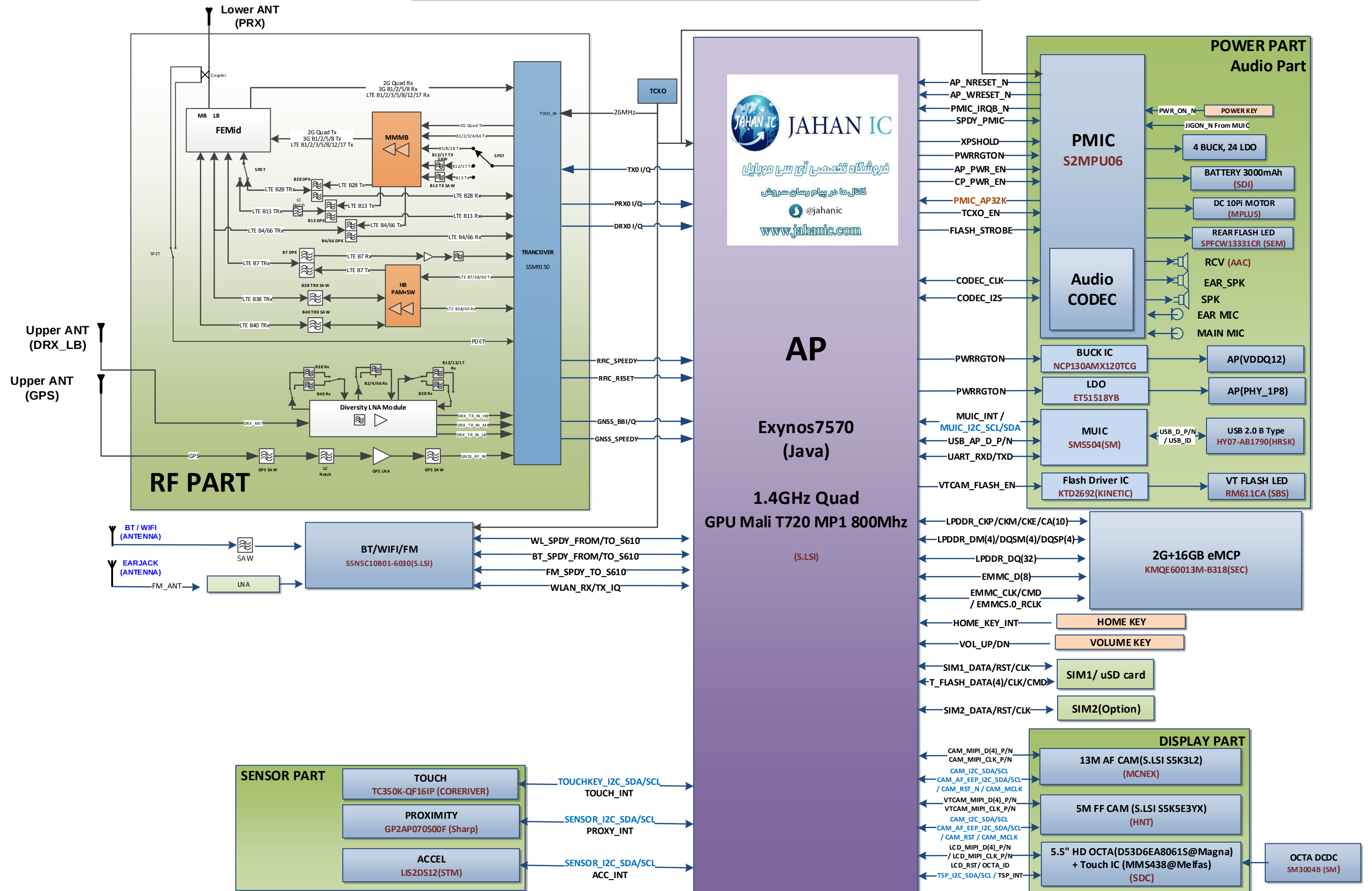
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SM-J400G Block Diagram 18.04.10



SM-J400M Block Diagram 18.04.10

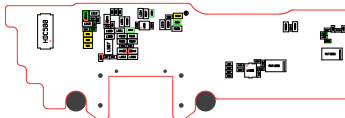


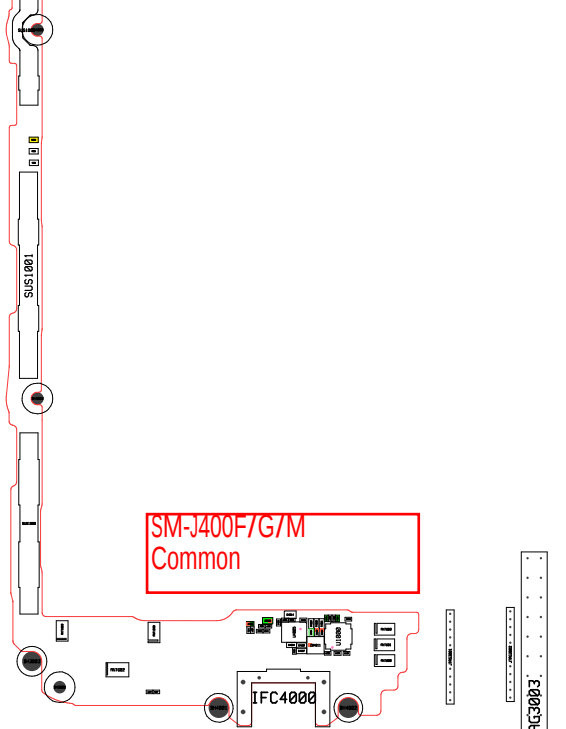
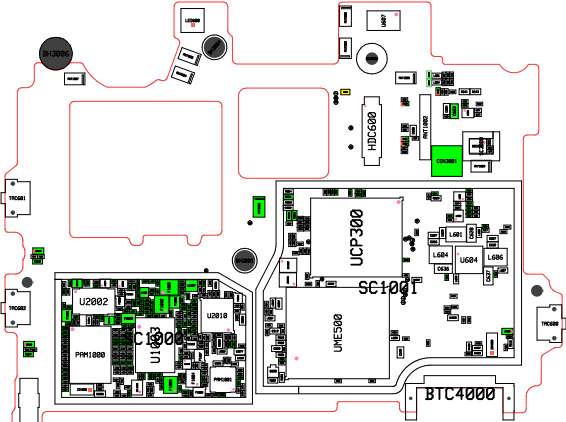


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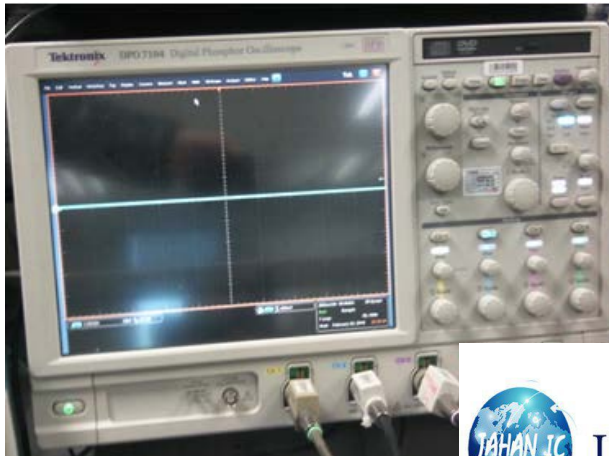
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SM-J400F/G/M
Common



8. Level 3 Repair

8-3. Flow chart of Troubleshooting.



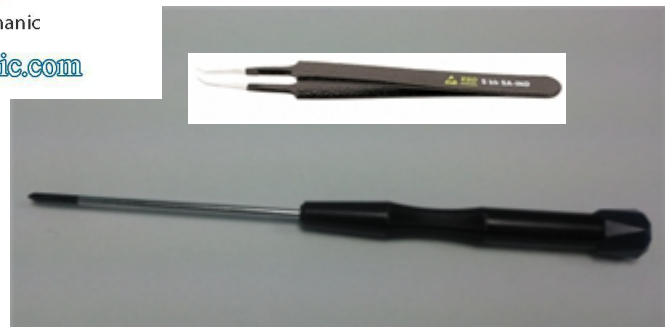
Oscilloscope



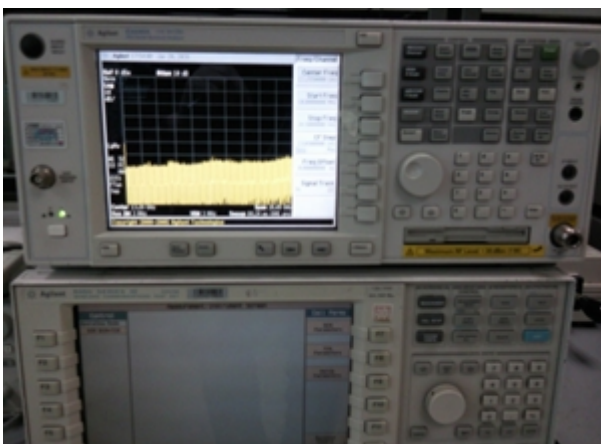
Digital Multimeter



Power Supply



+ driver, ESD Safe Tweezer



8960 & Spectrum Analyzer



Soldering iron



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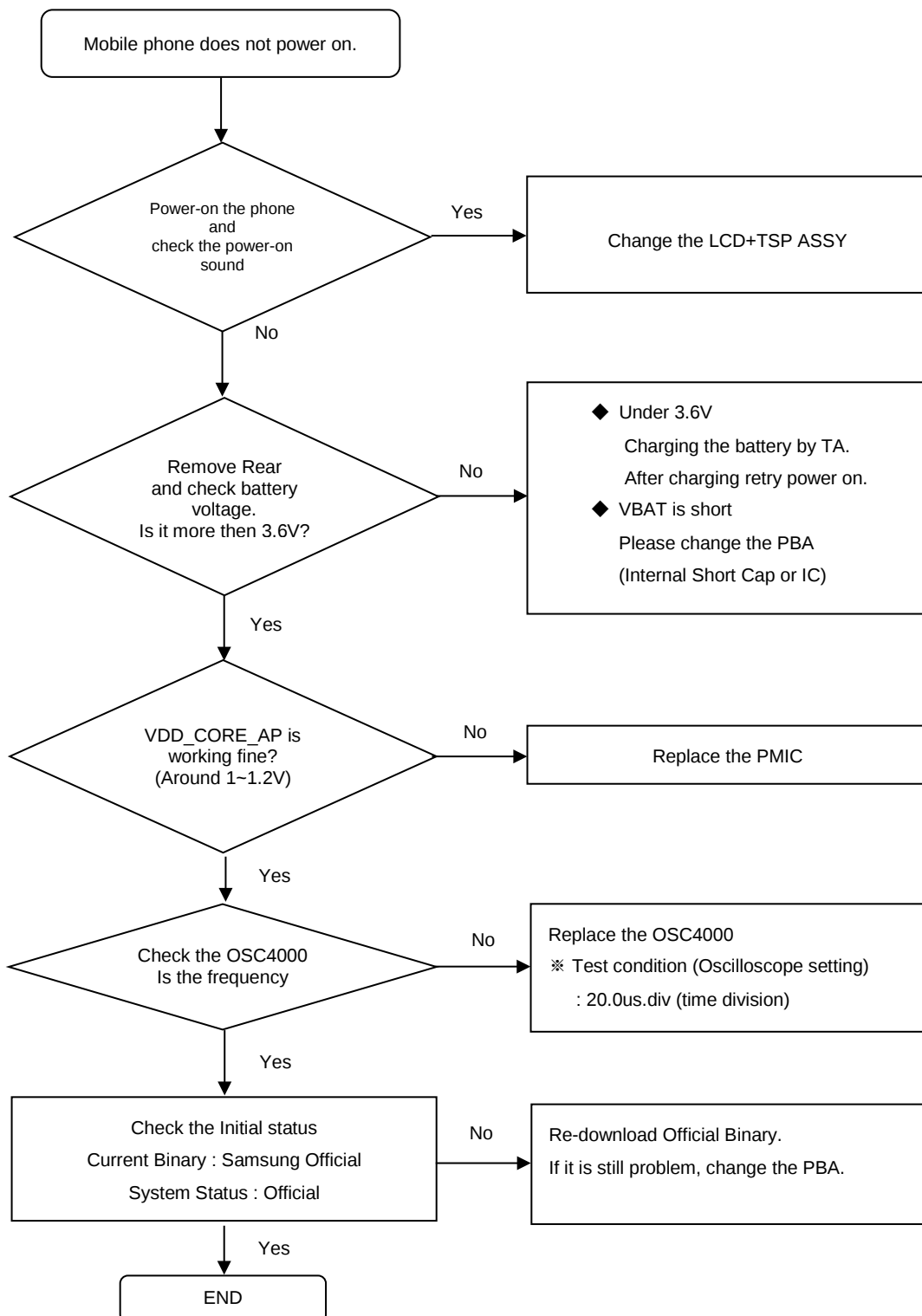
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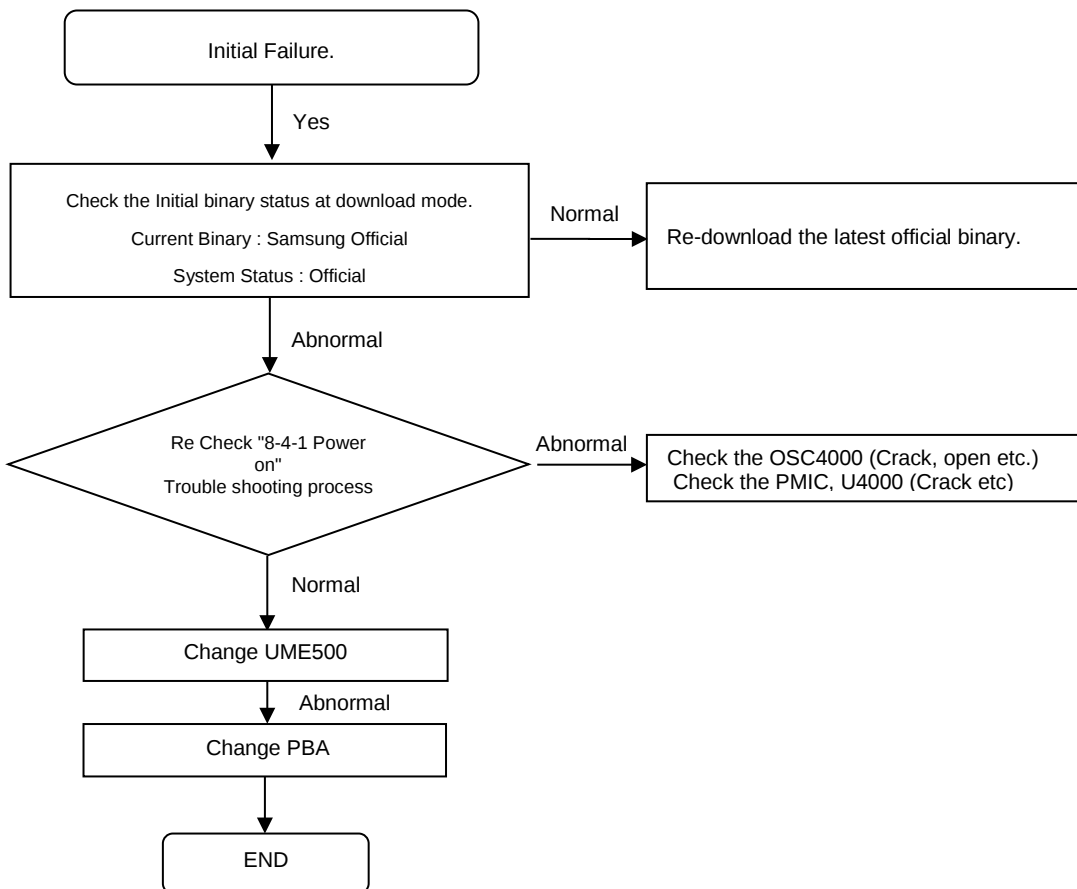
8. Level 3 Repair

8-4-1. Power On



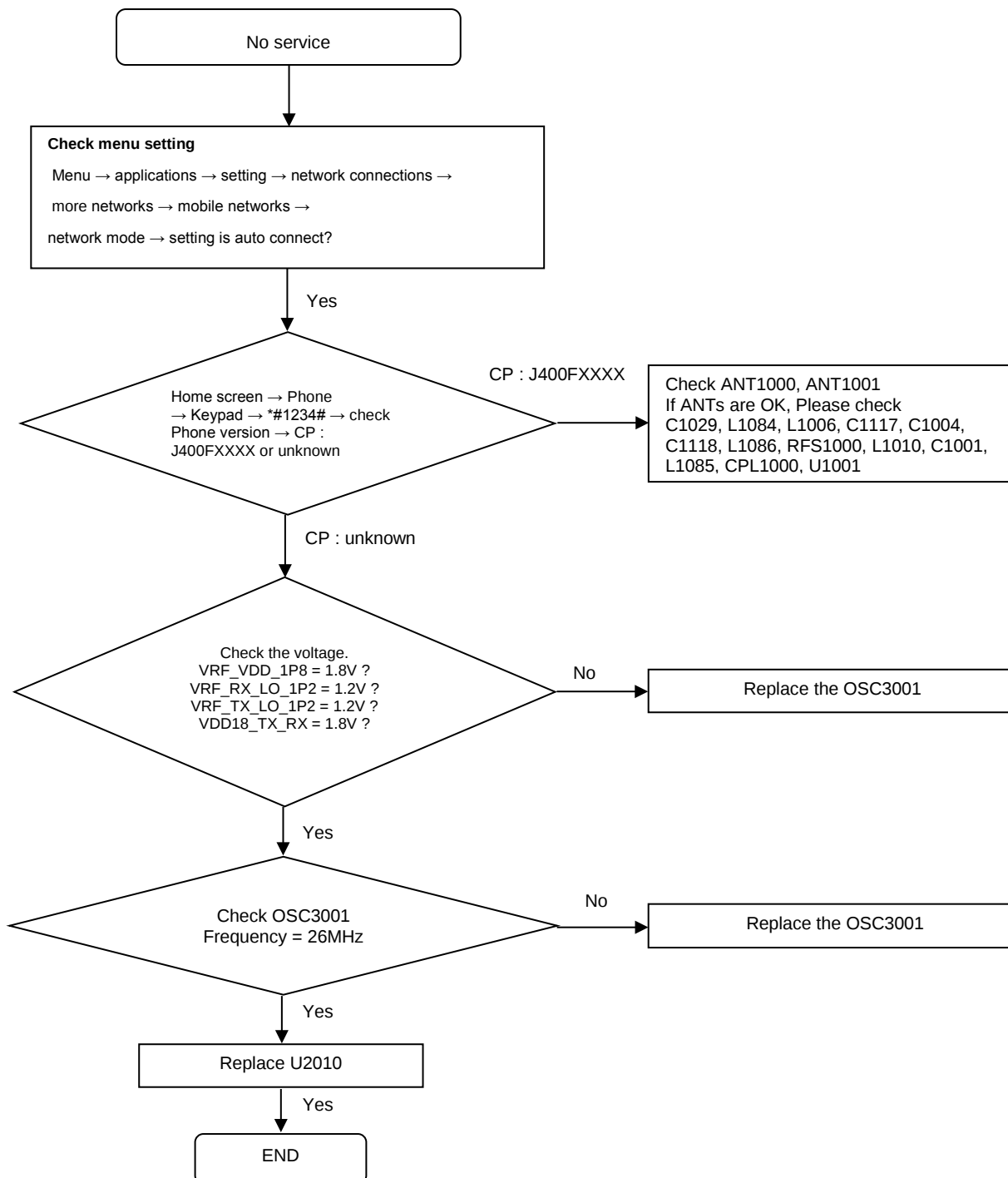
8. Level 3 Repair

8-4-2. Initial



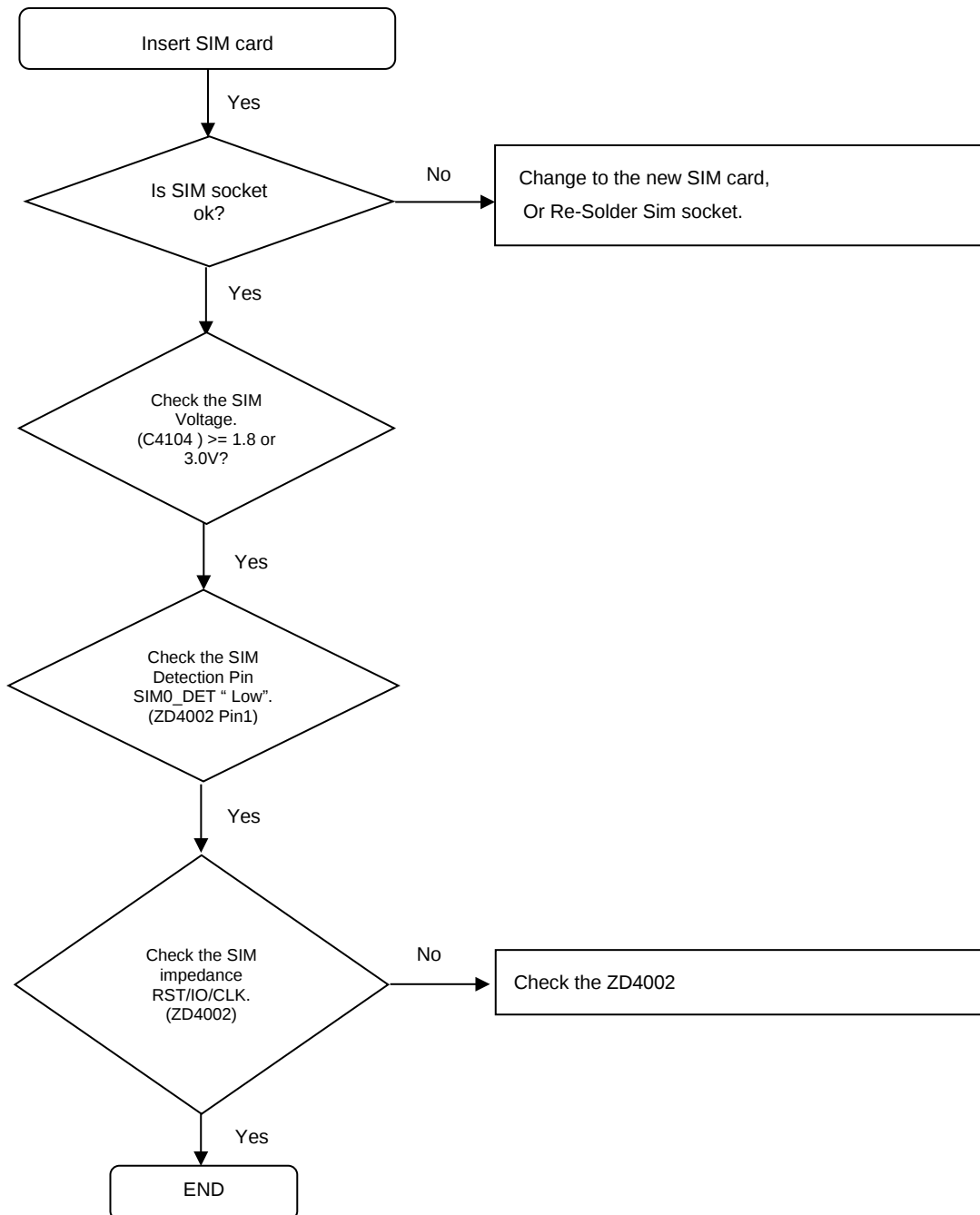
8. Level 3 Repair

8-4-3. No Service



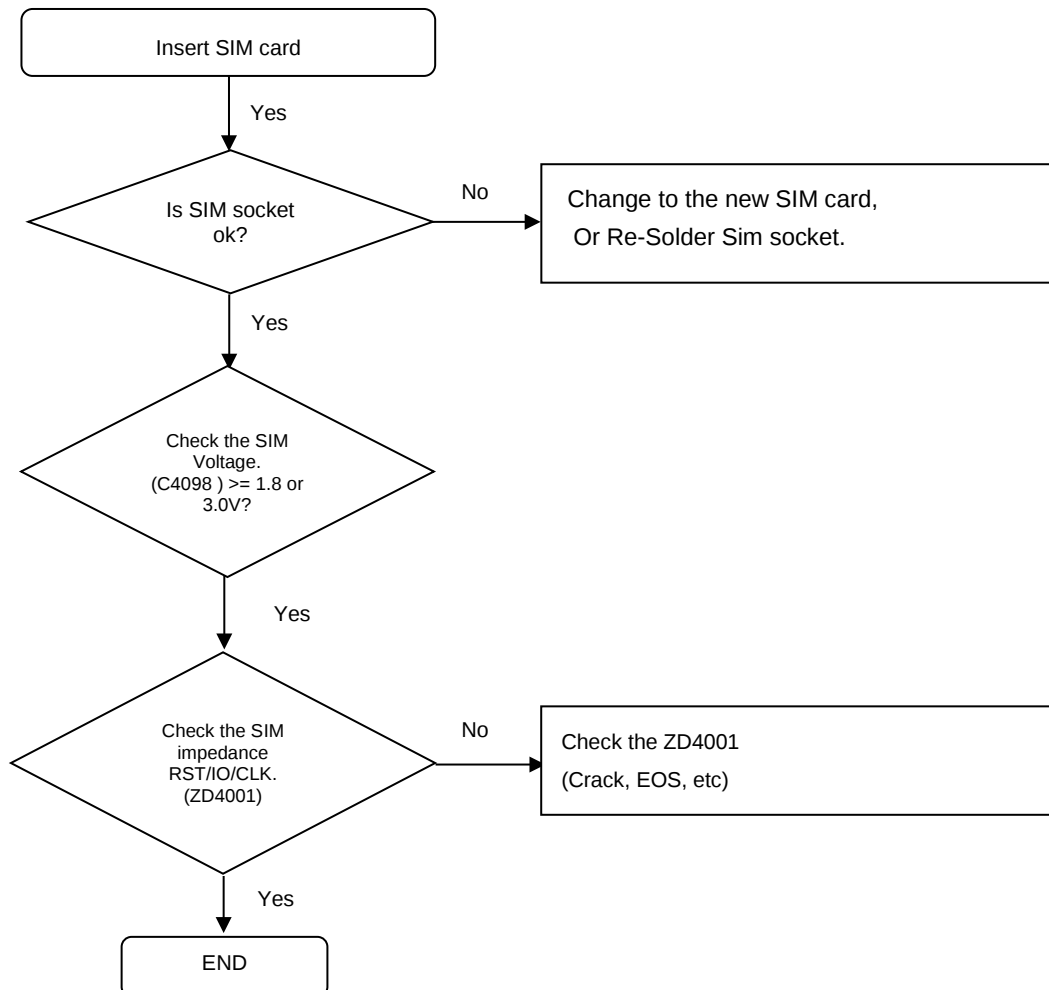
8. Level 3 Repair

8-4-4. SIM1 Part



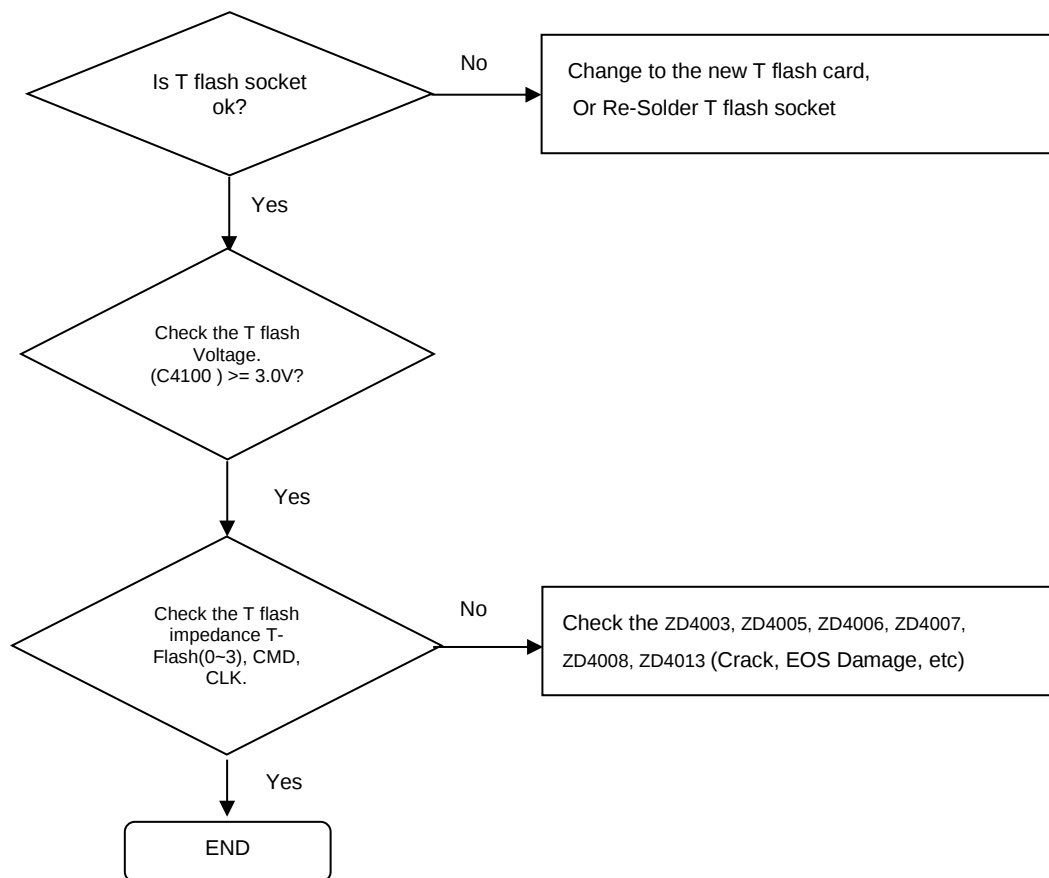
8. Level 3 Repair

8-4-5. SIM2 Part



8. Level 3 Repair

8-4-6. T-Flash Part



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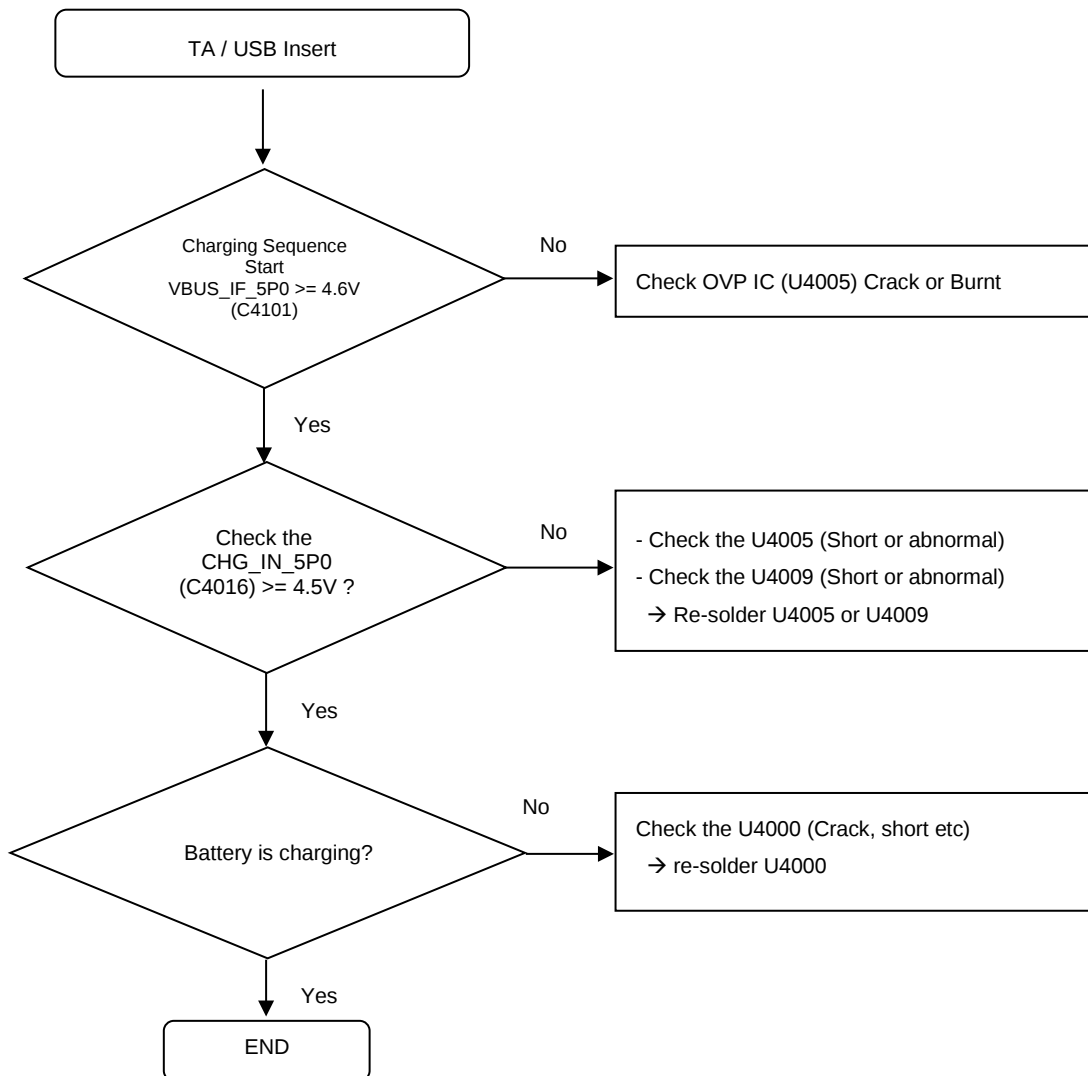
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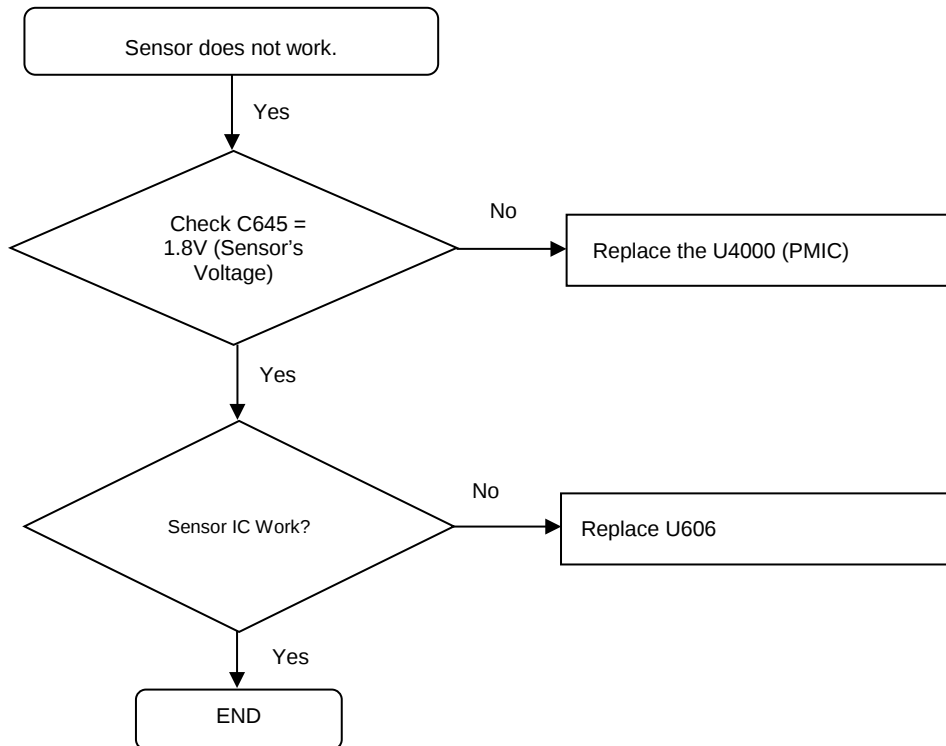
8. Level 3 Repair

8-4-7. Charging Part



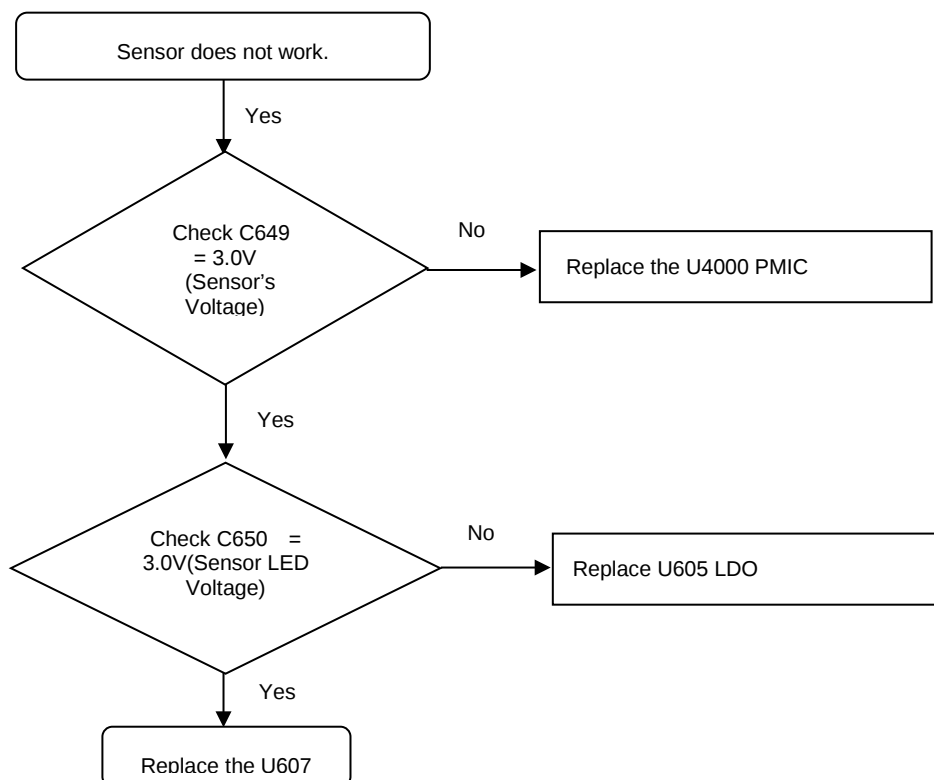
8. Level 3 Repair

8-4-8-1. Accelerate Sensor (U606)



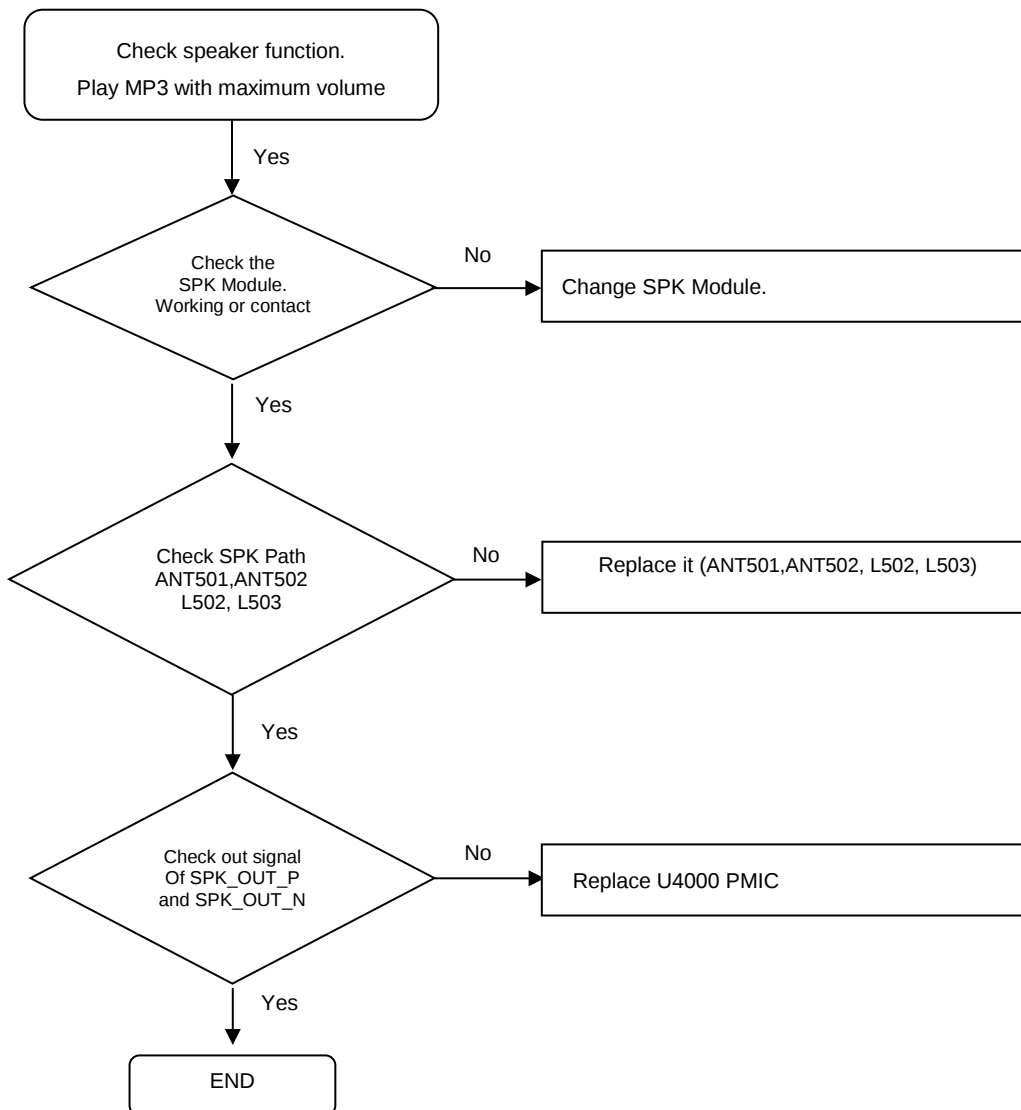
8. Level 3 Repair

8-4-8-2. Proxy Sensor (U607)



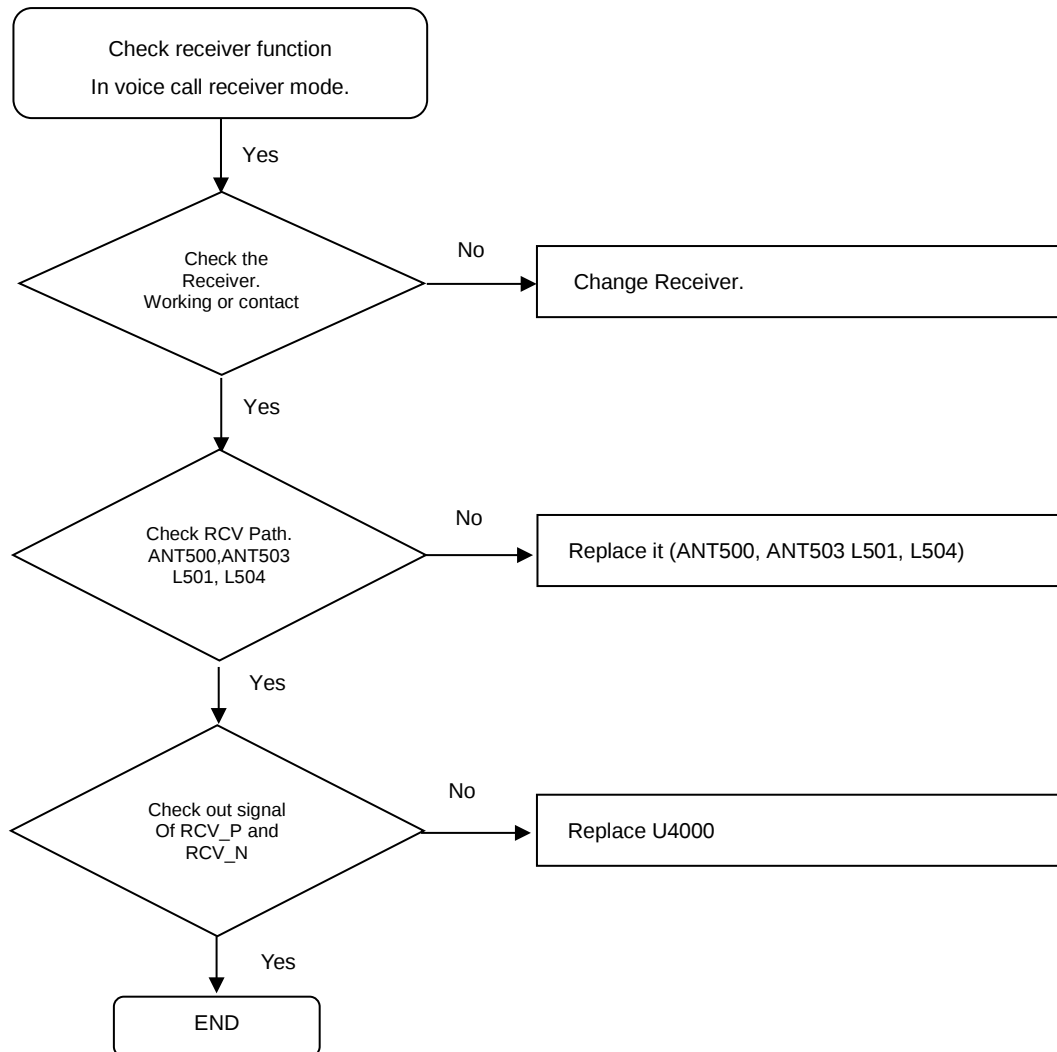
8. Level 3 Repair

8-4-9. Speaker Part



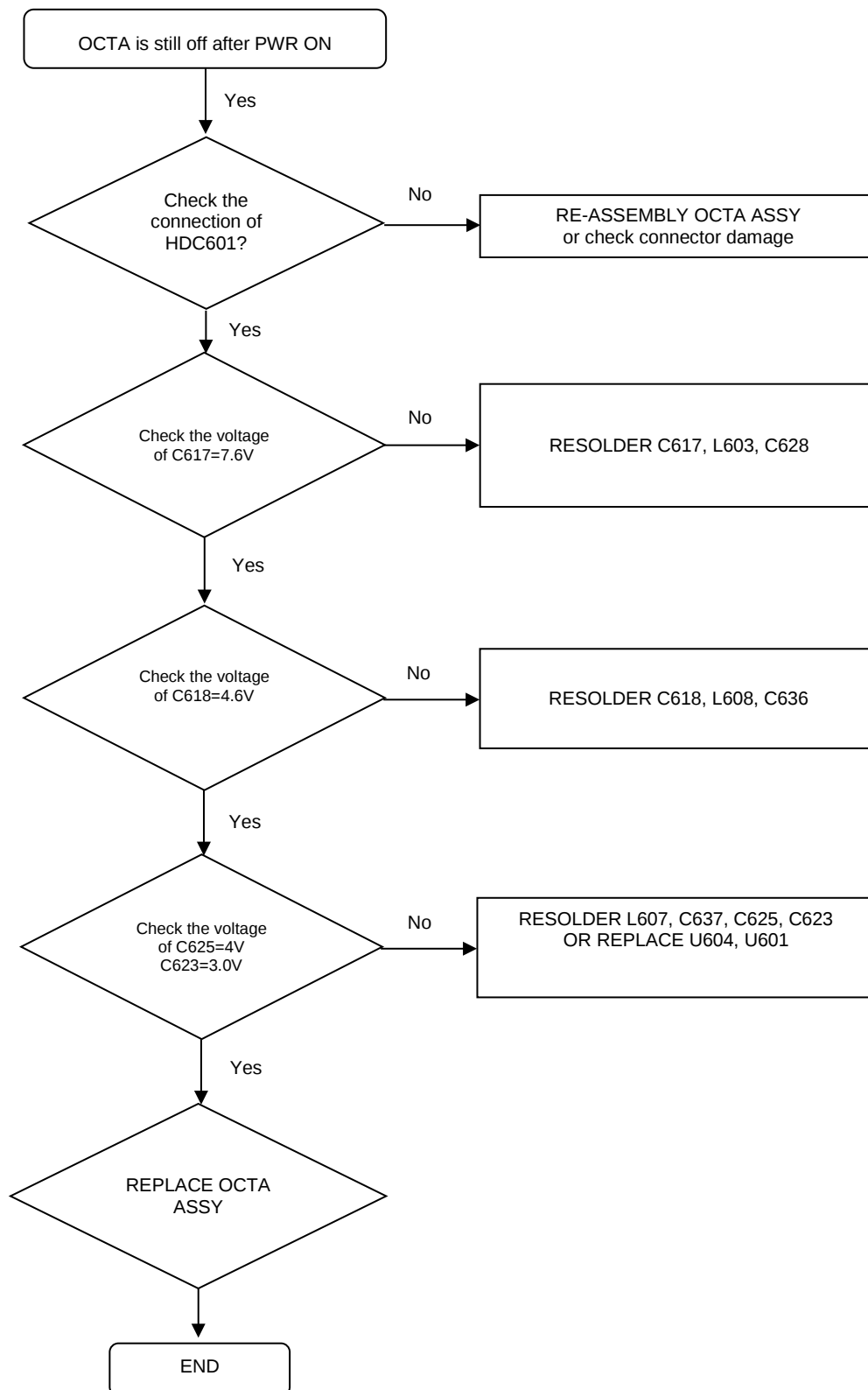
8. Level 3 Repair

8-4-10. Receiver Part



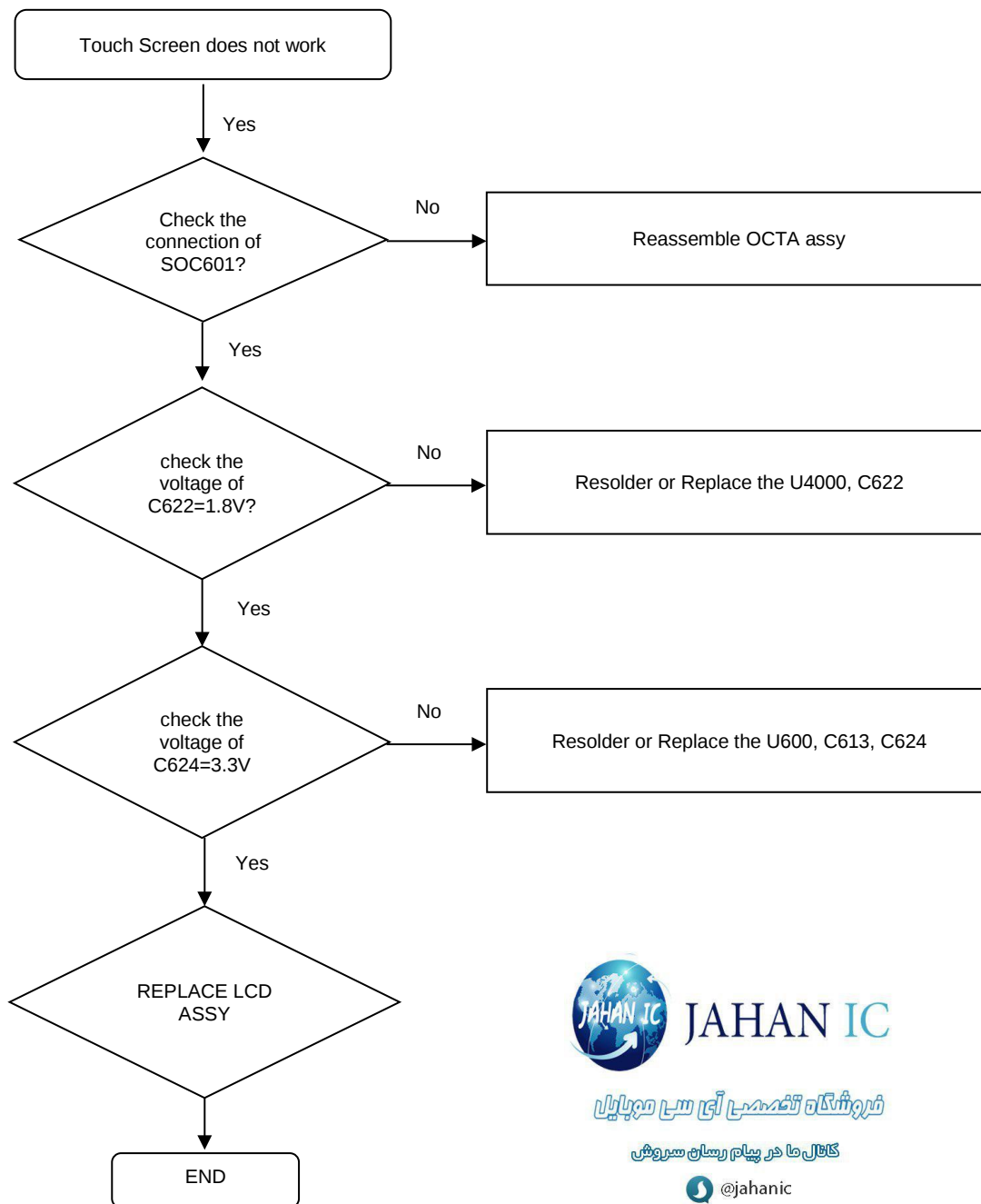
8. Level 3 Repair

8-4-11. OCTA



8. Level 3 Repair

8-4-12. TSP



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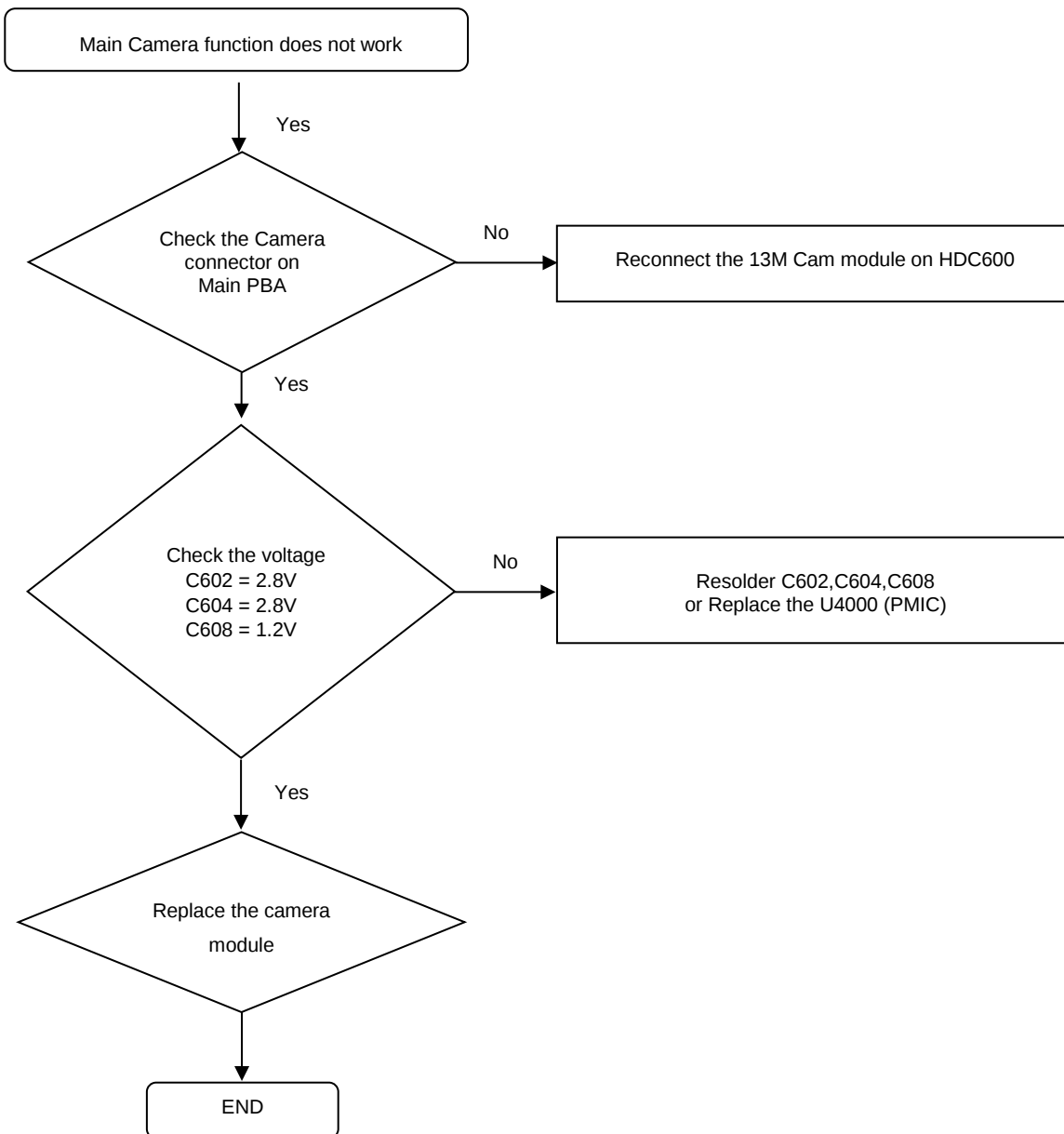
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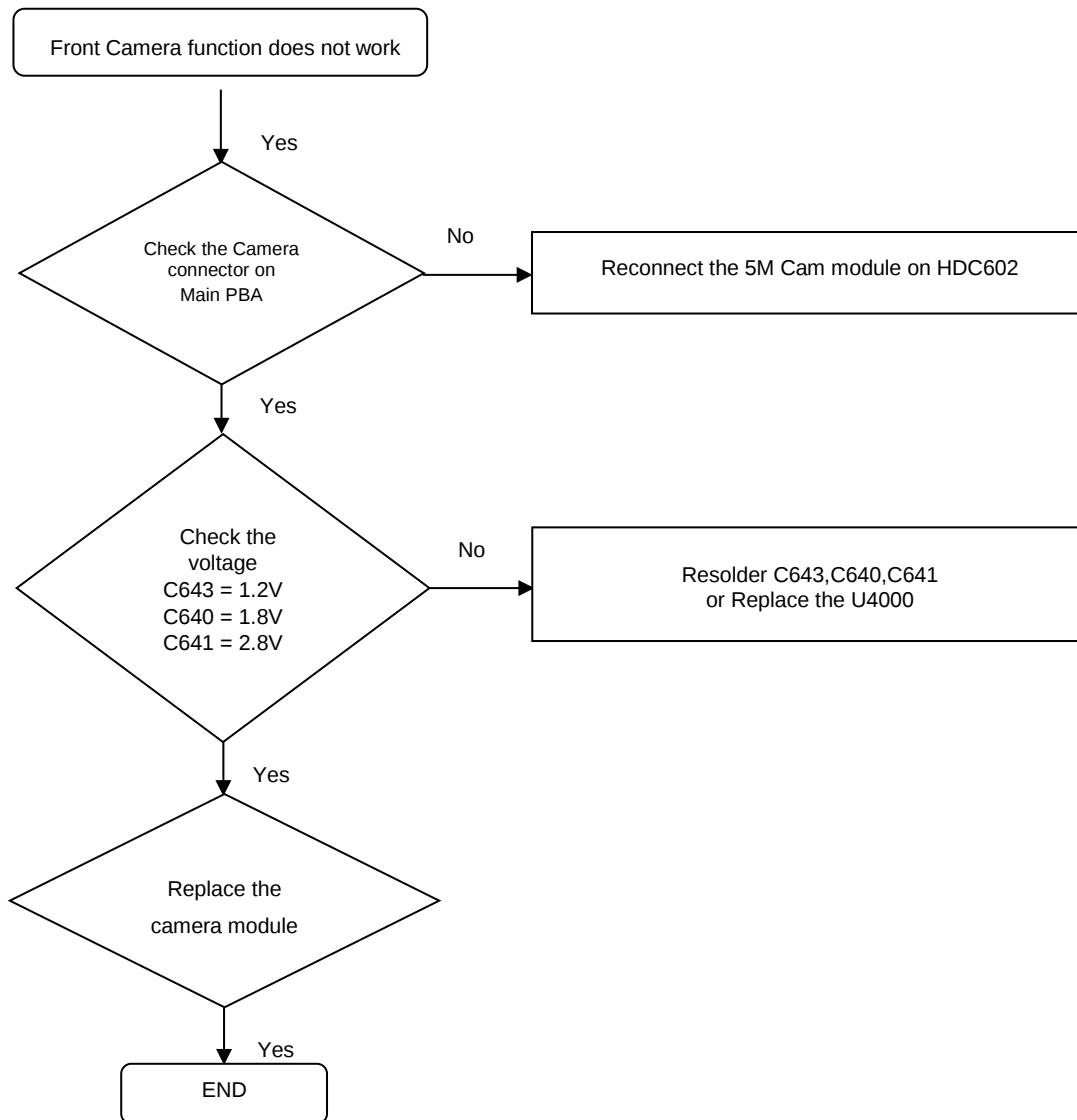
8. Level 3 Repair

8-4-13. 13M CAMERA



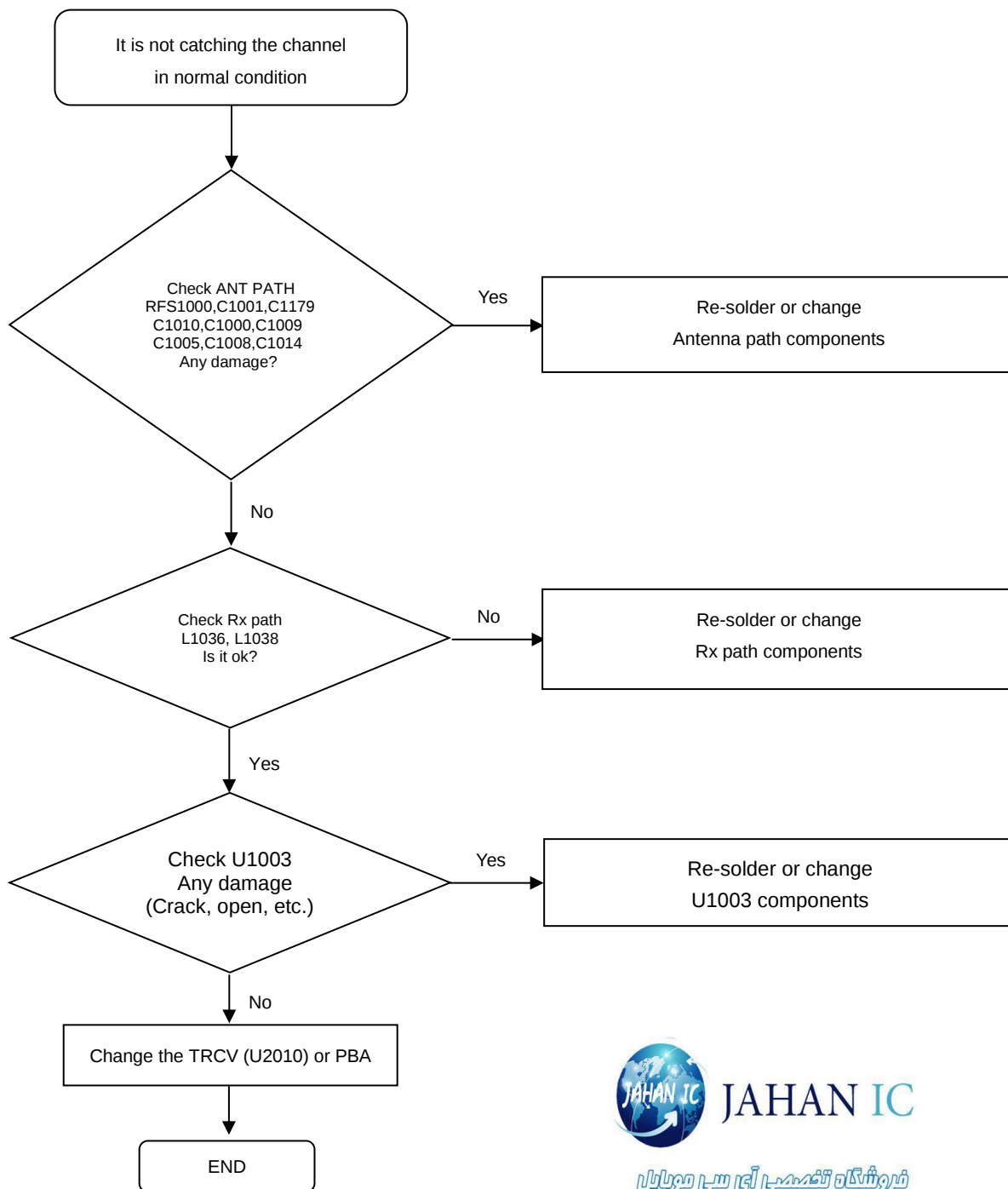
8. Level 3 Repair

8-4-14. 5M CAMERA



8. Level 3 Repair

8-4-15. GSM 850 / LTE B5 Rx



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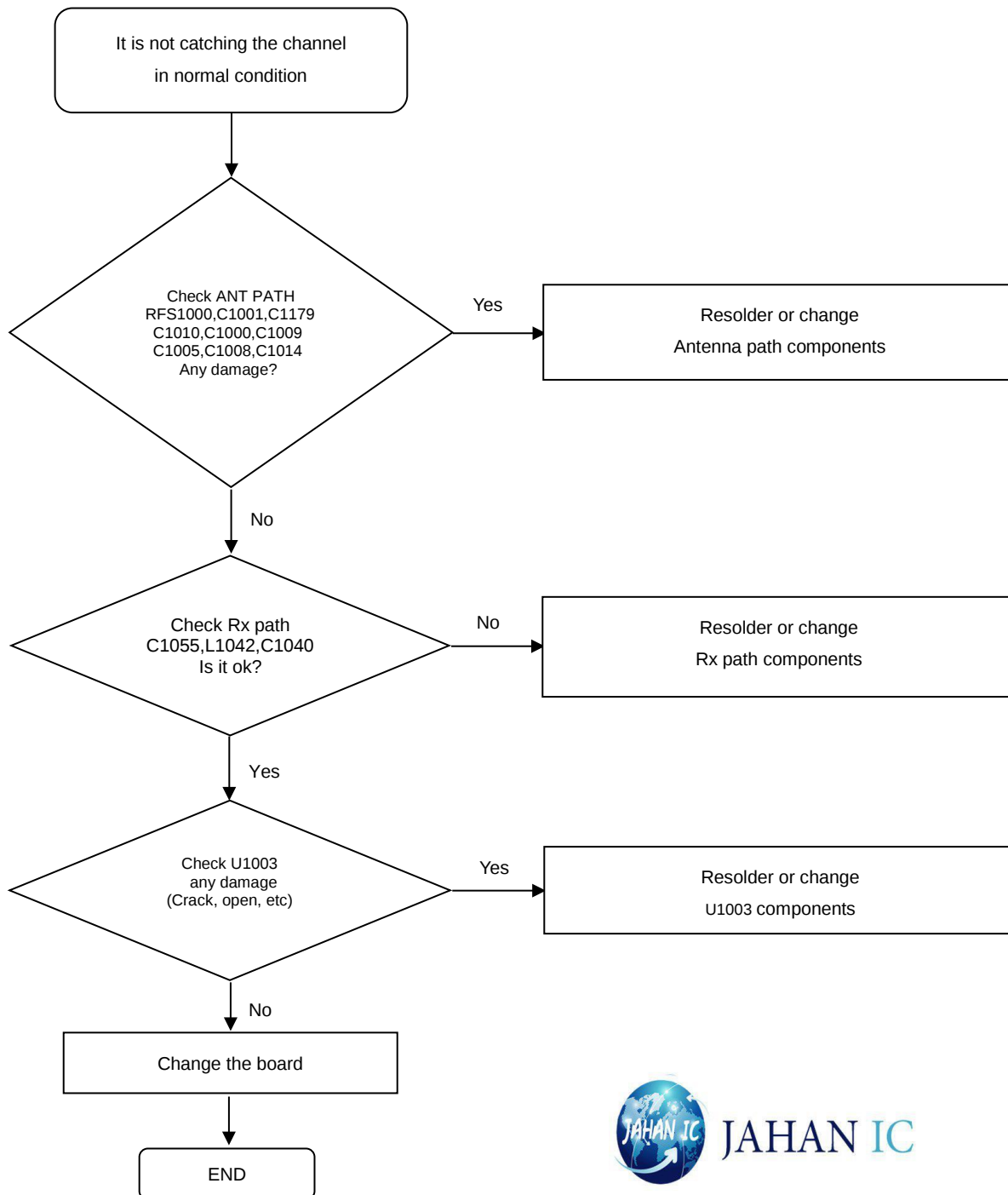
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8. Level 3 Repair

8-4-16. GSM900 / LTE B8 Rx



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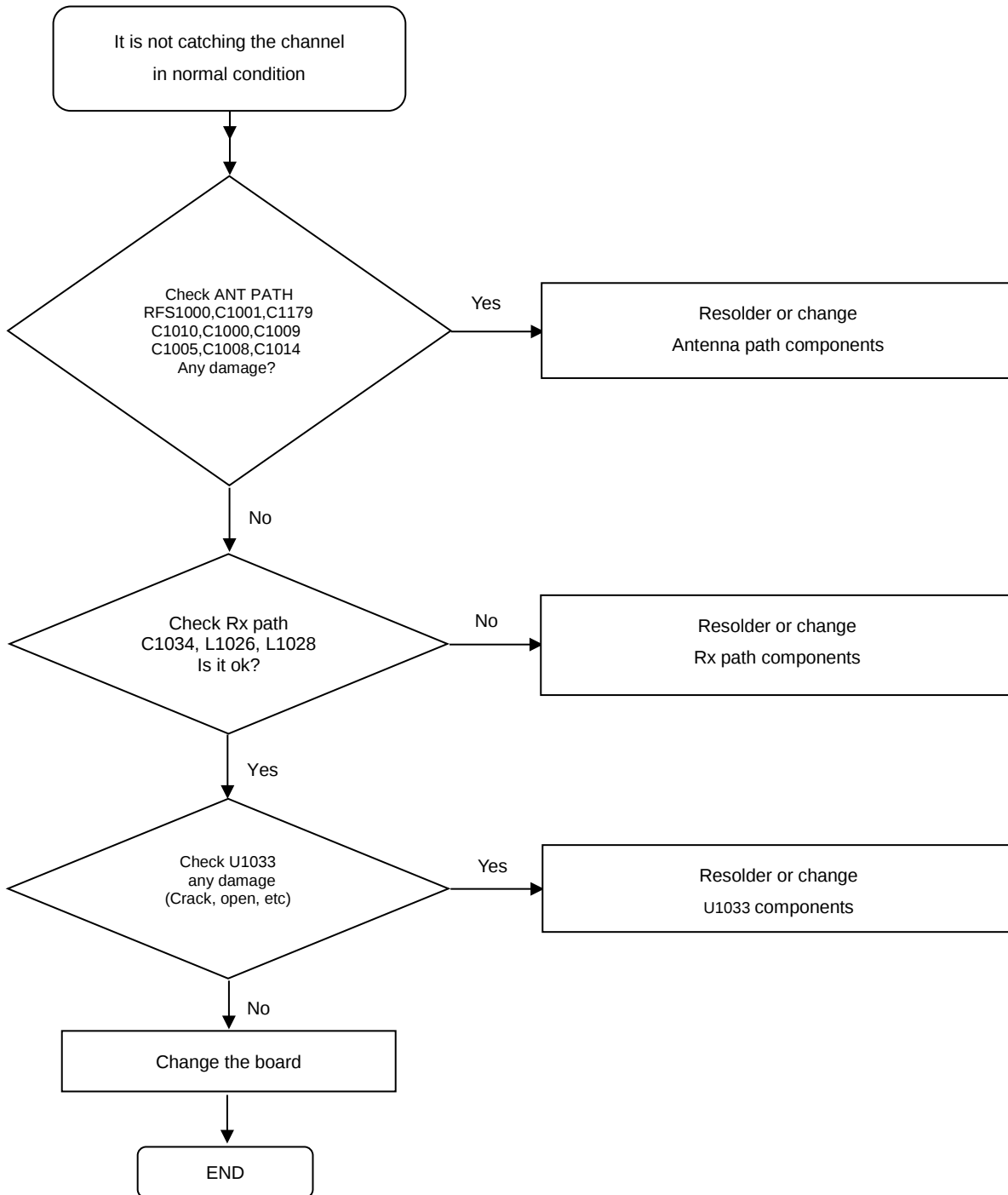
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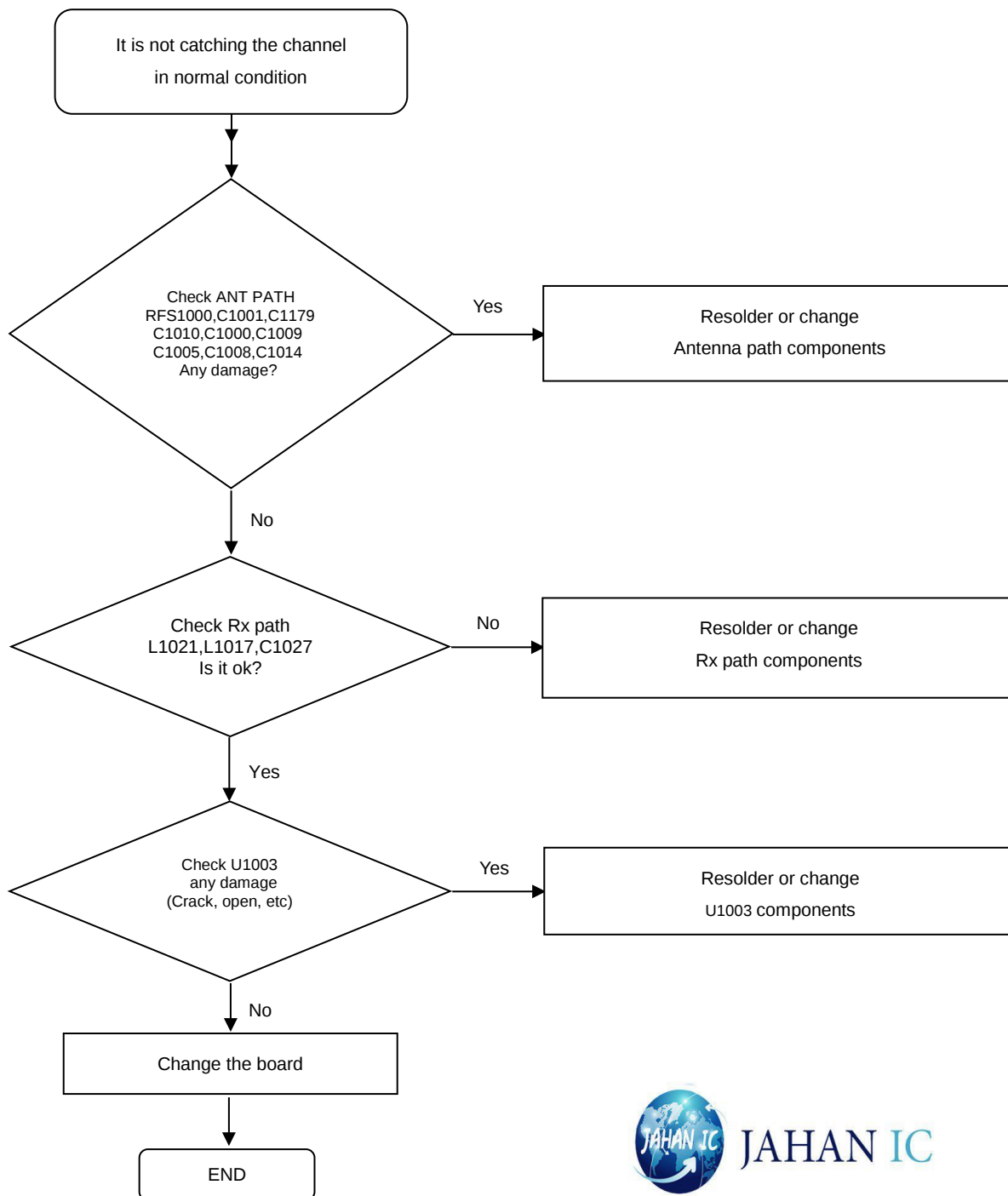
8. Level 3 Repair

8-4-17. GSM1800 / LTE B3 RX



8. Level 3 Repair

8-4-18. GSM 1900



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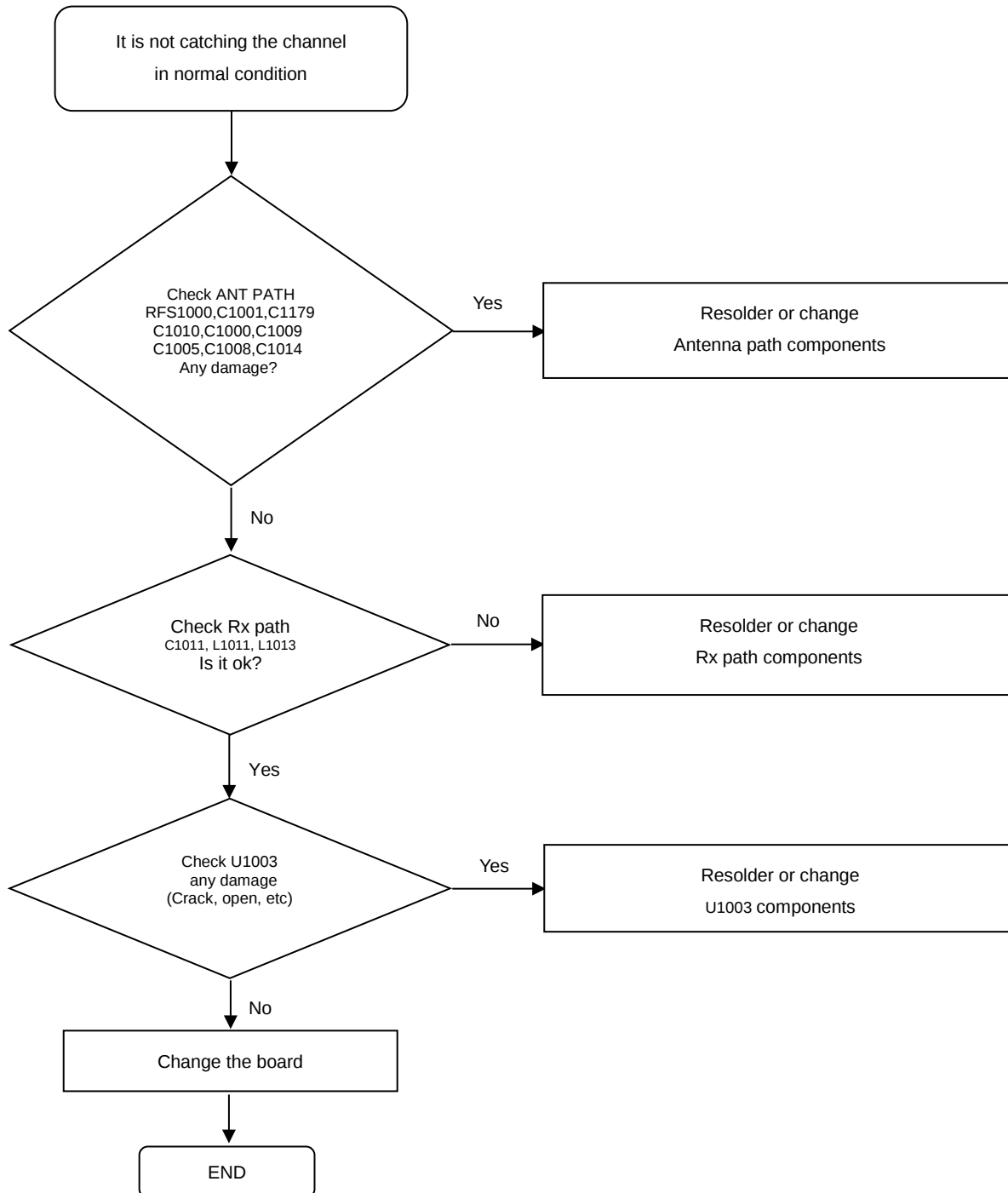
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8. Level 3 Repair

8-4-19. LTE B1 RX



8. Level 3 Repair

8-4-20. LTE B20 RX



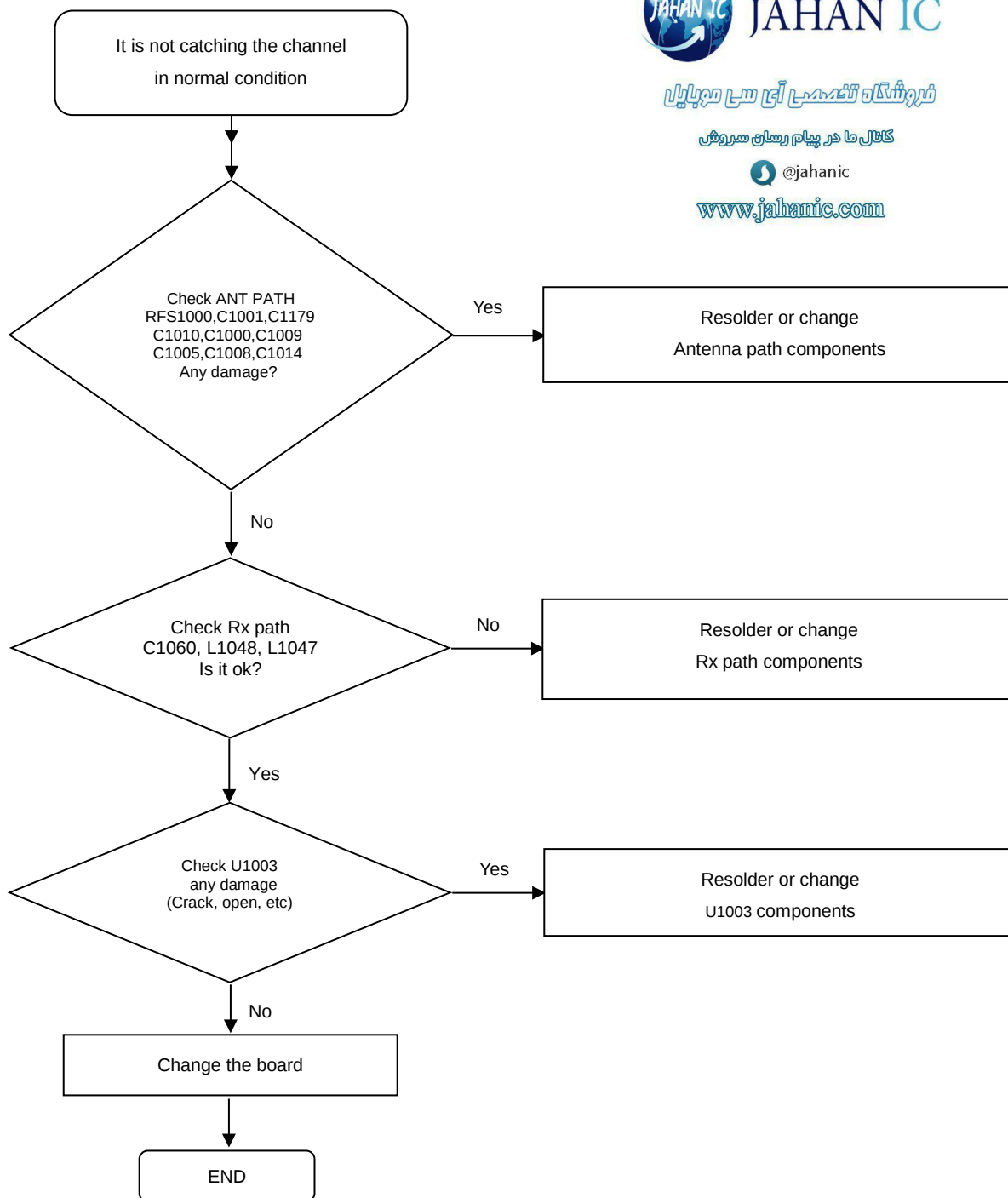
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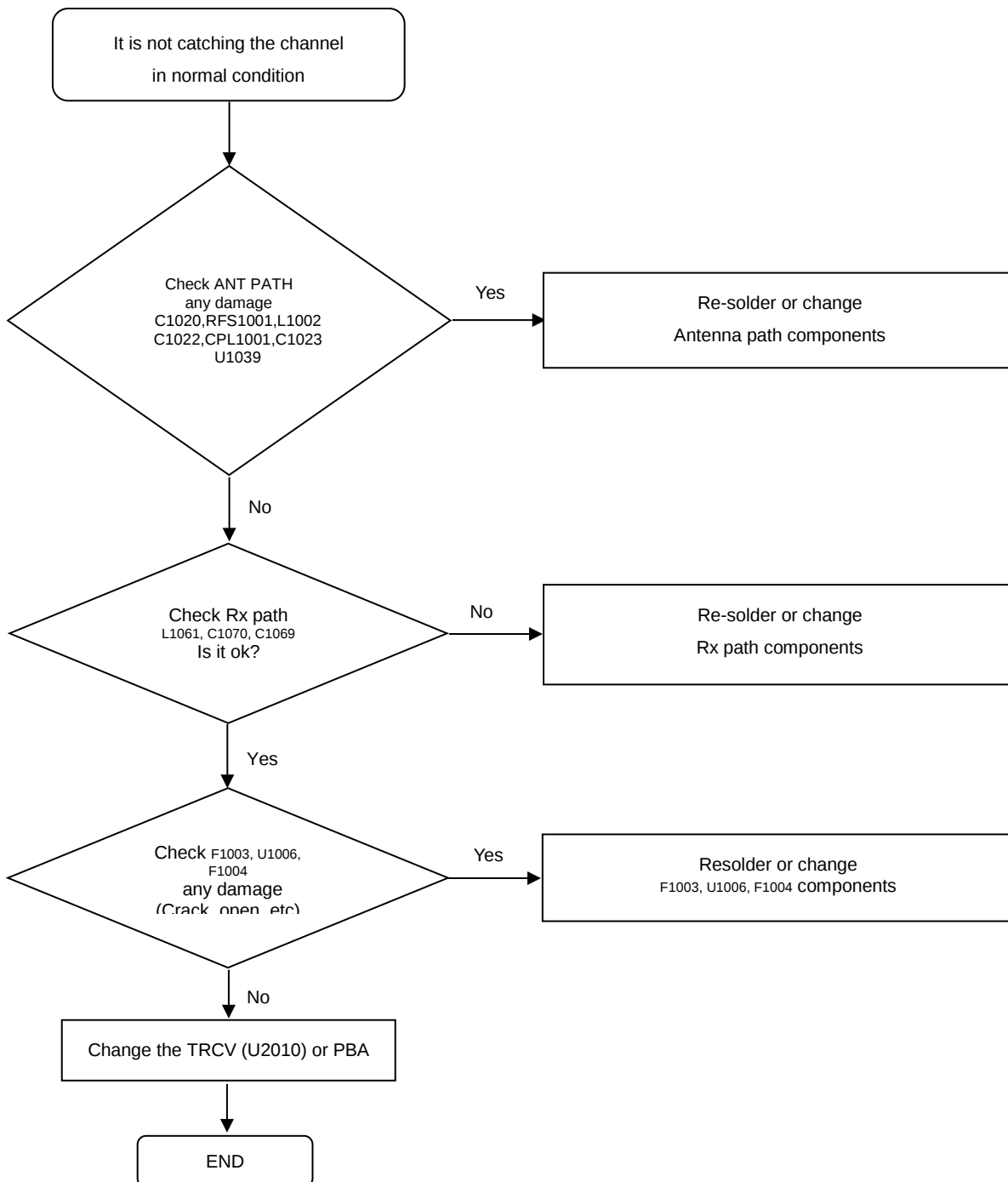
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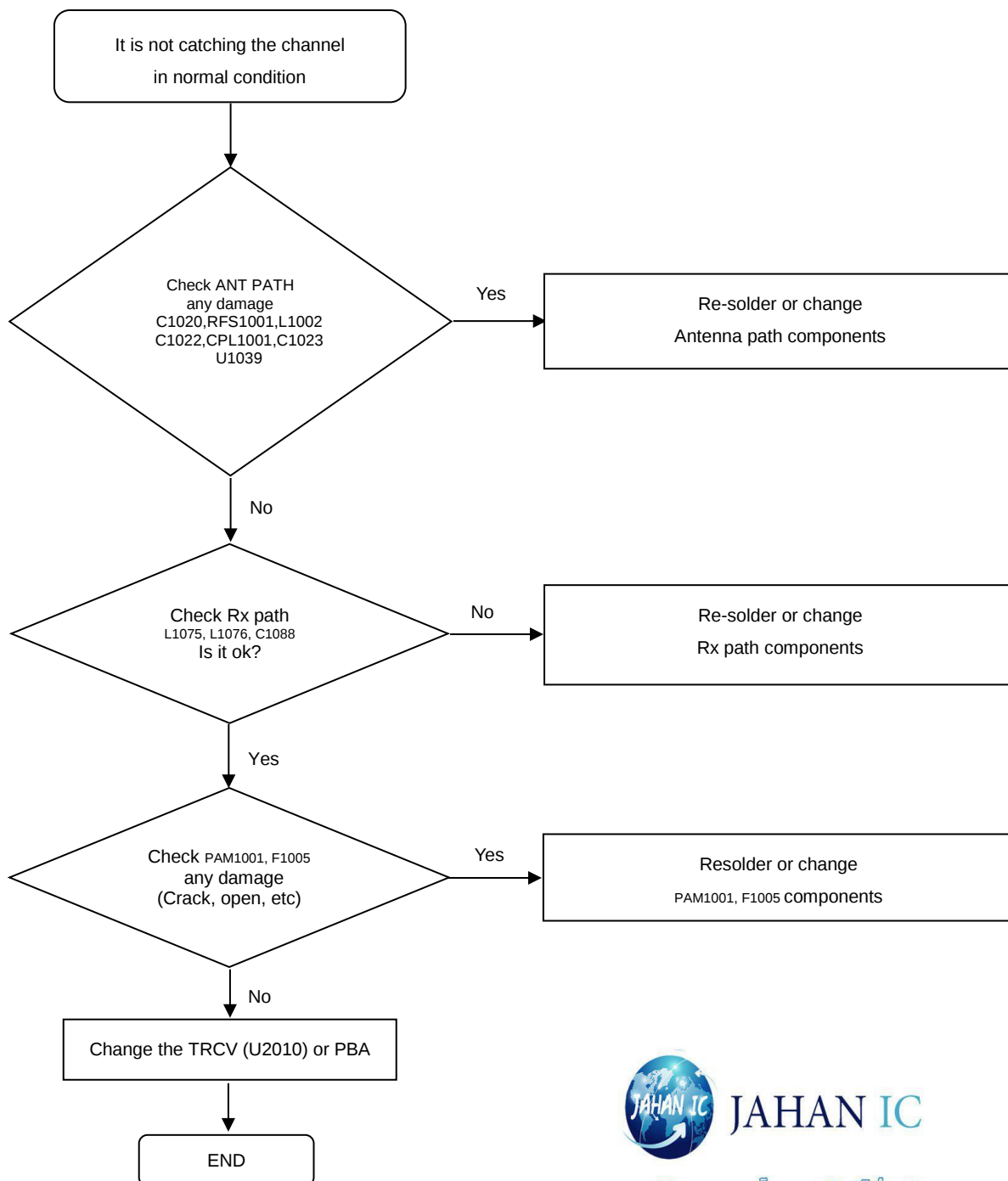
8. Level 3 Repair

8-4-21. LTE B7 RX



8. Level 3 Repair

8-4-22. LTE B38 RX



شرکت تخصصی آی سی جاپان

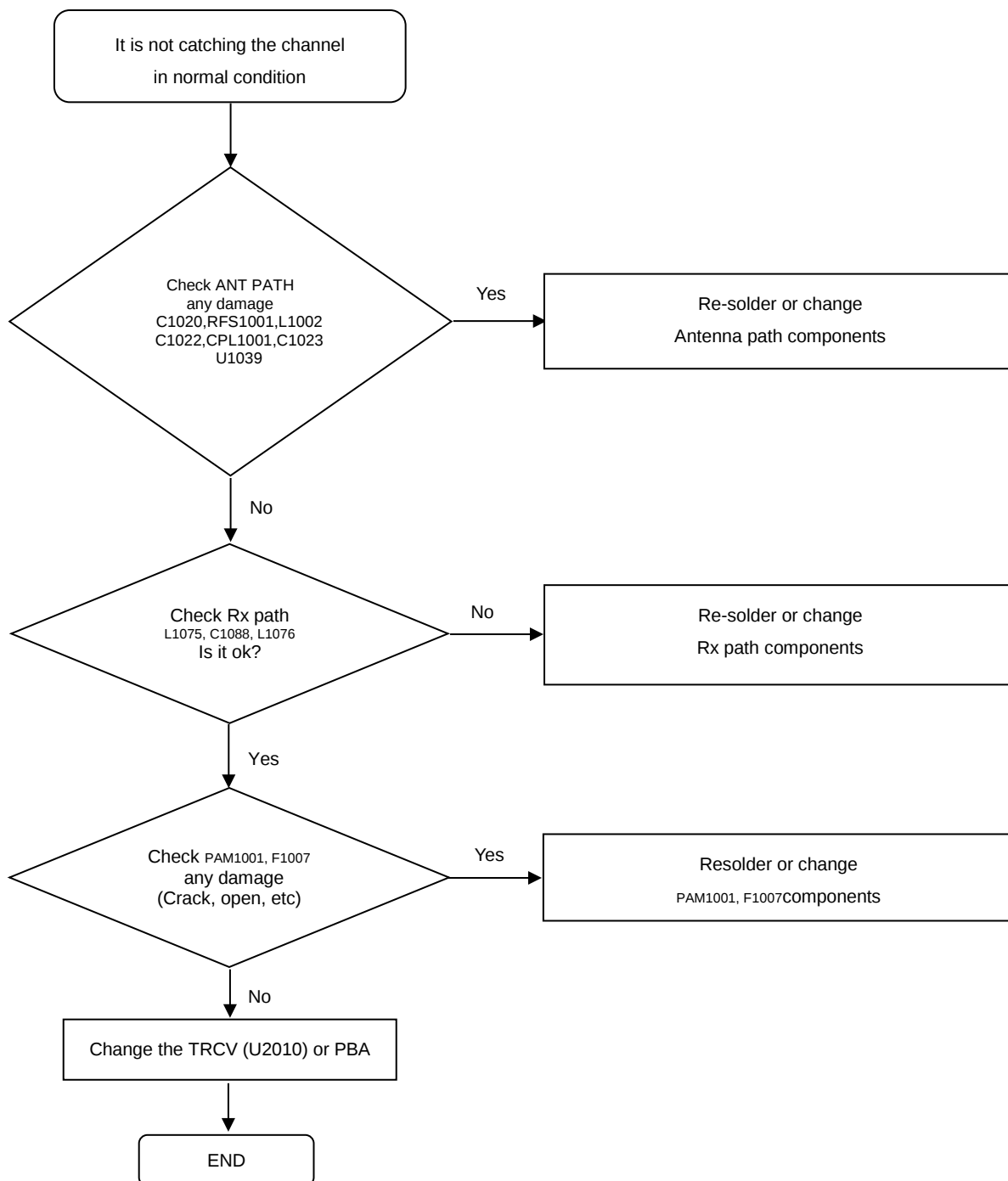
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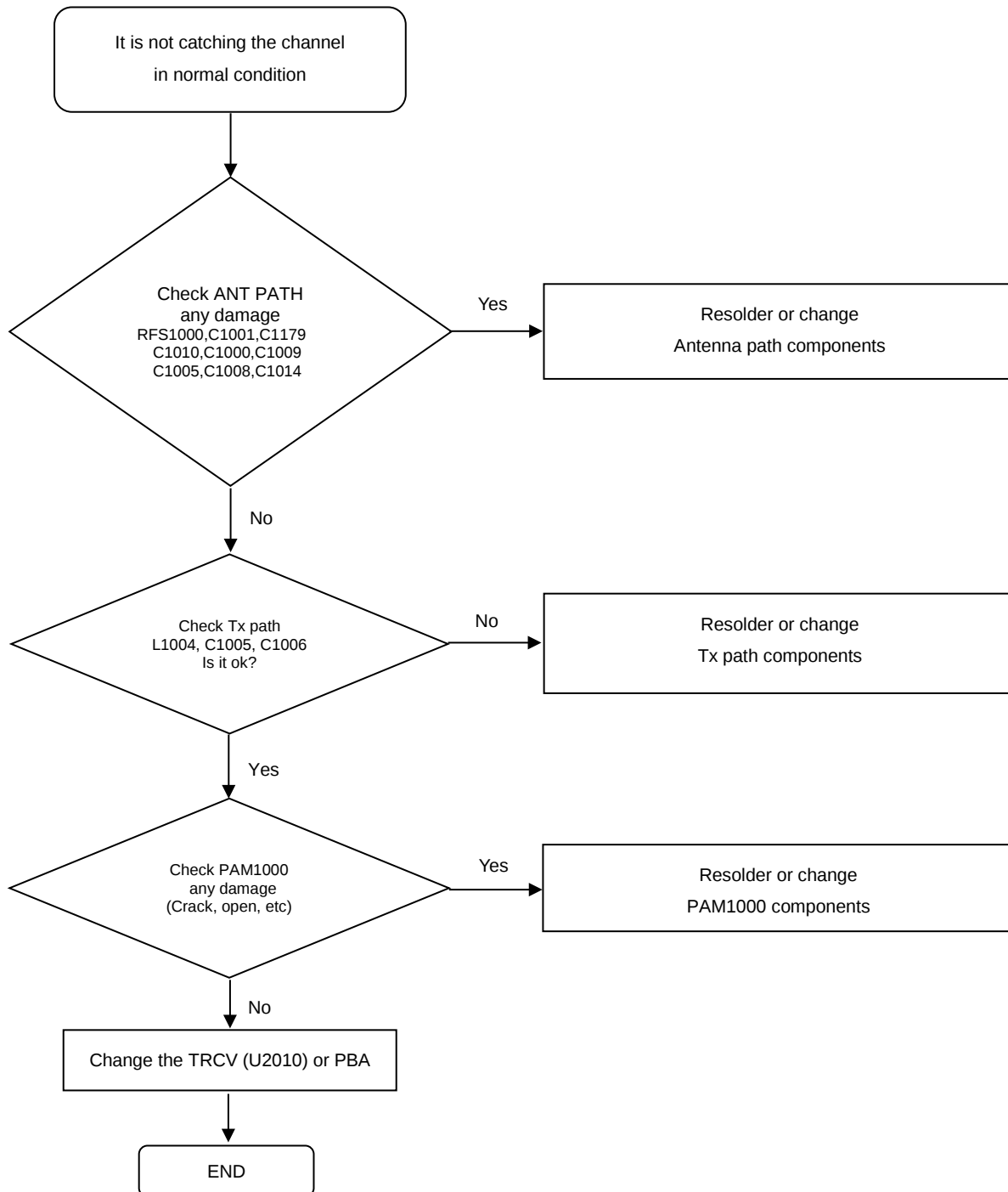
8. Level 3 Repair

8-4-23. LTE B40 RX



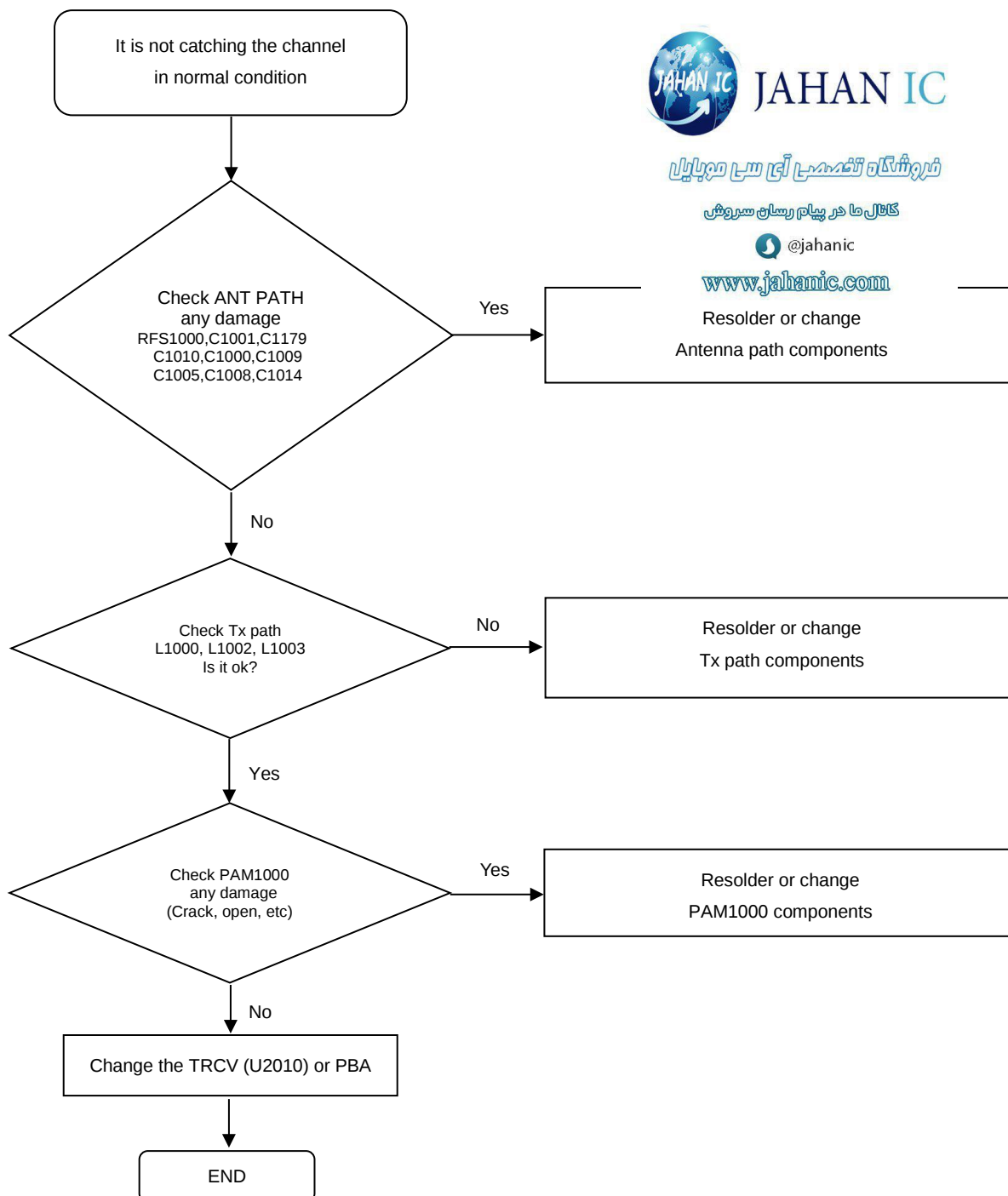
8. Level 3 Repair

8-4-24. GSM 850 / GSM 900 TX



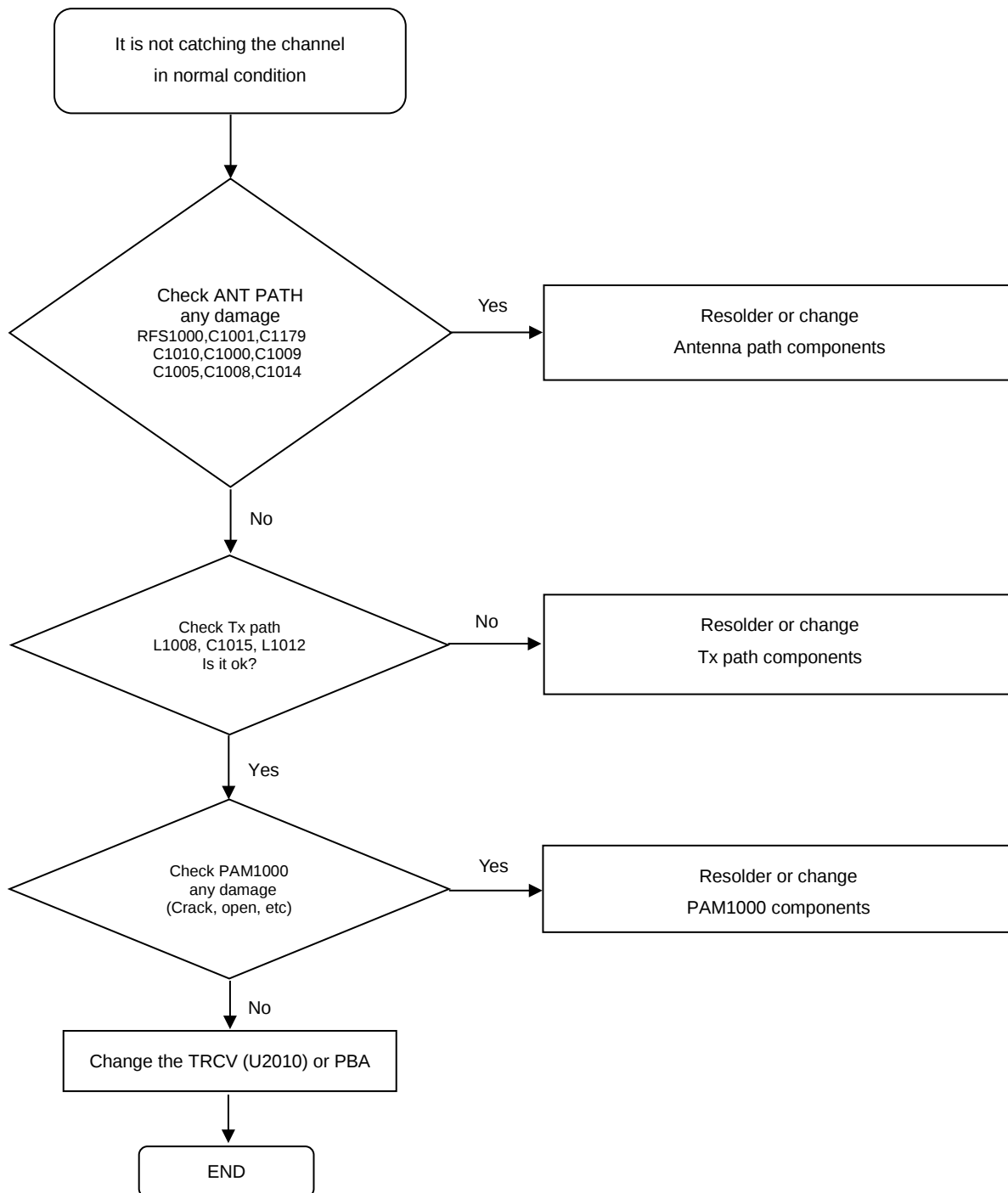
8. Level 3 Repair

8-4-25. GSM 1800 / GSM 1900 TX



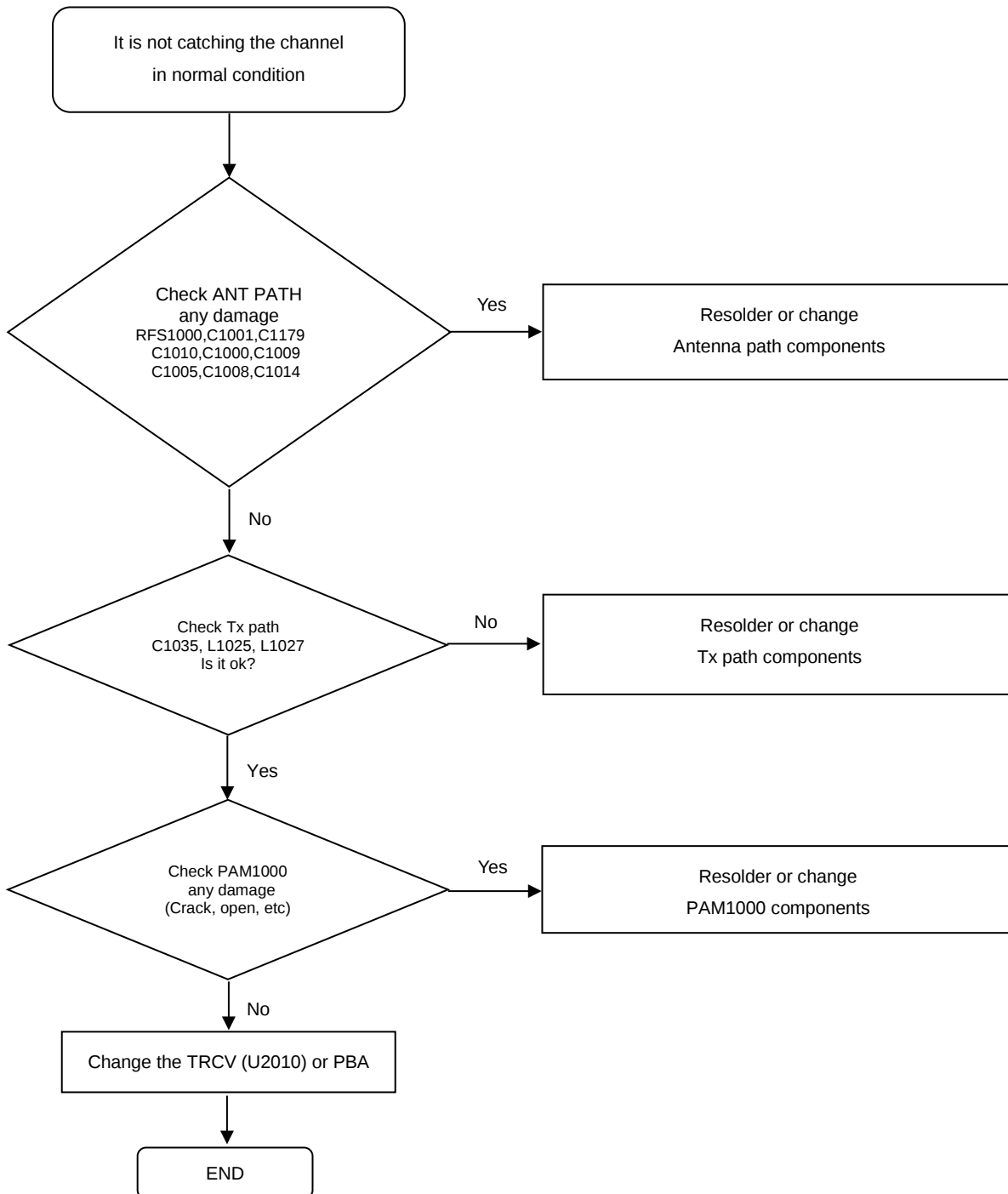
8. Level 3 Repair

8-4-26. LTE B1 TX



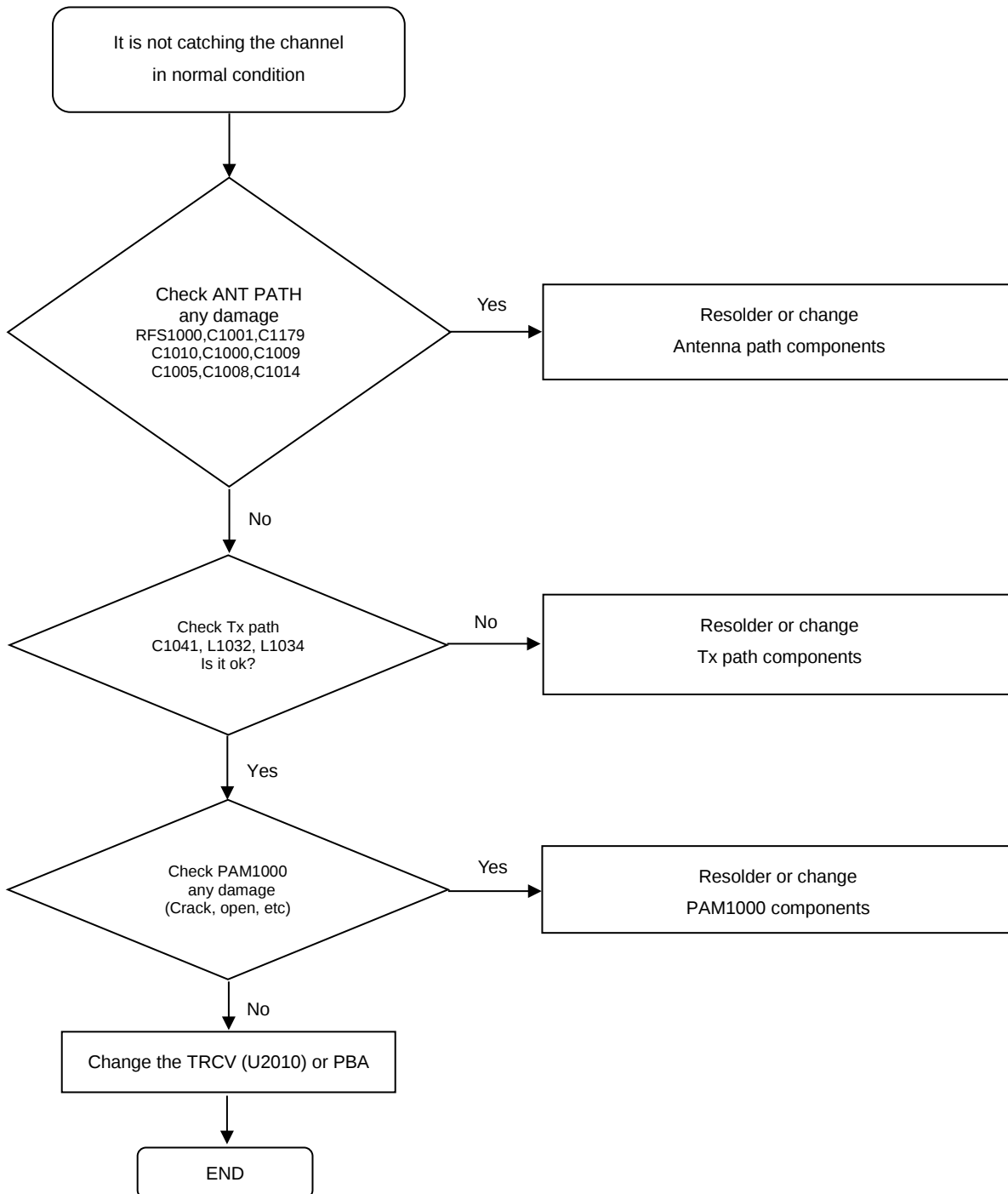
8. Level 3 Repair

8-4-27. LTE B3 TX



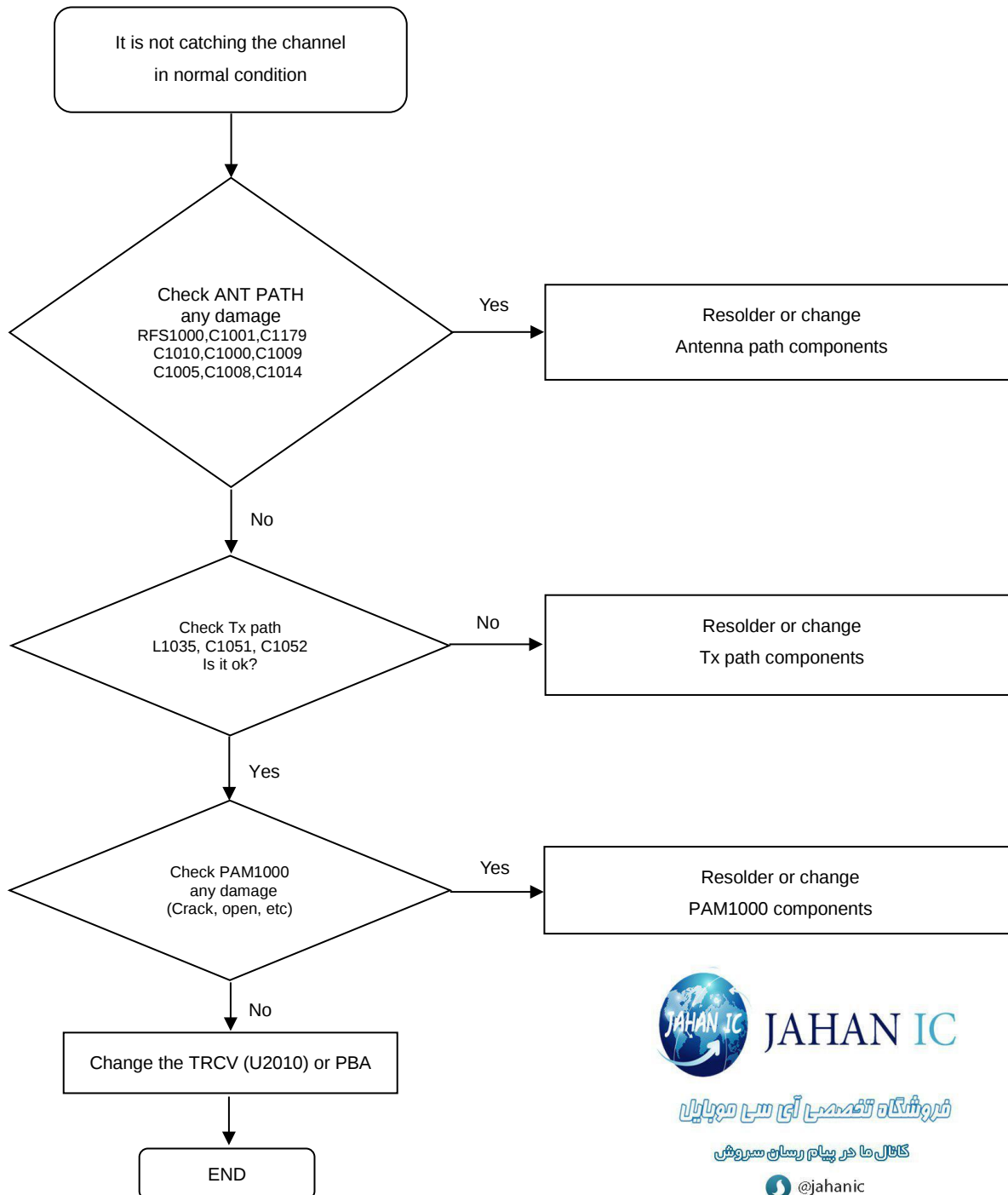
8. Level 3 Repair

8-4-28. LTE B5 TX



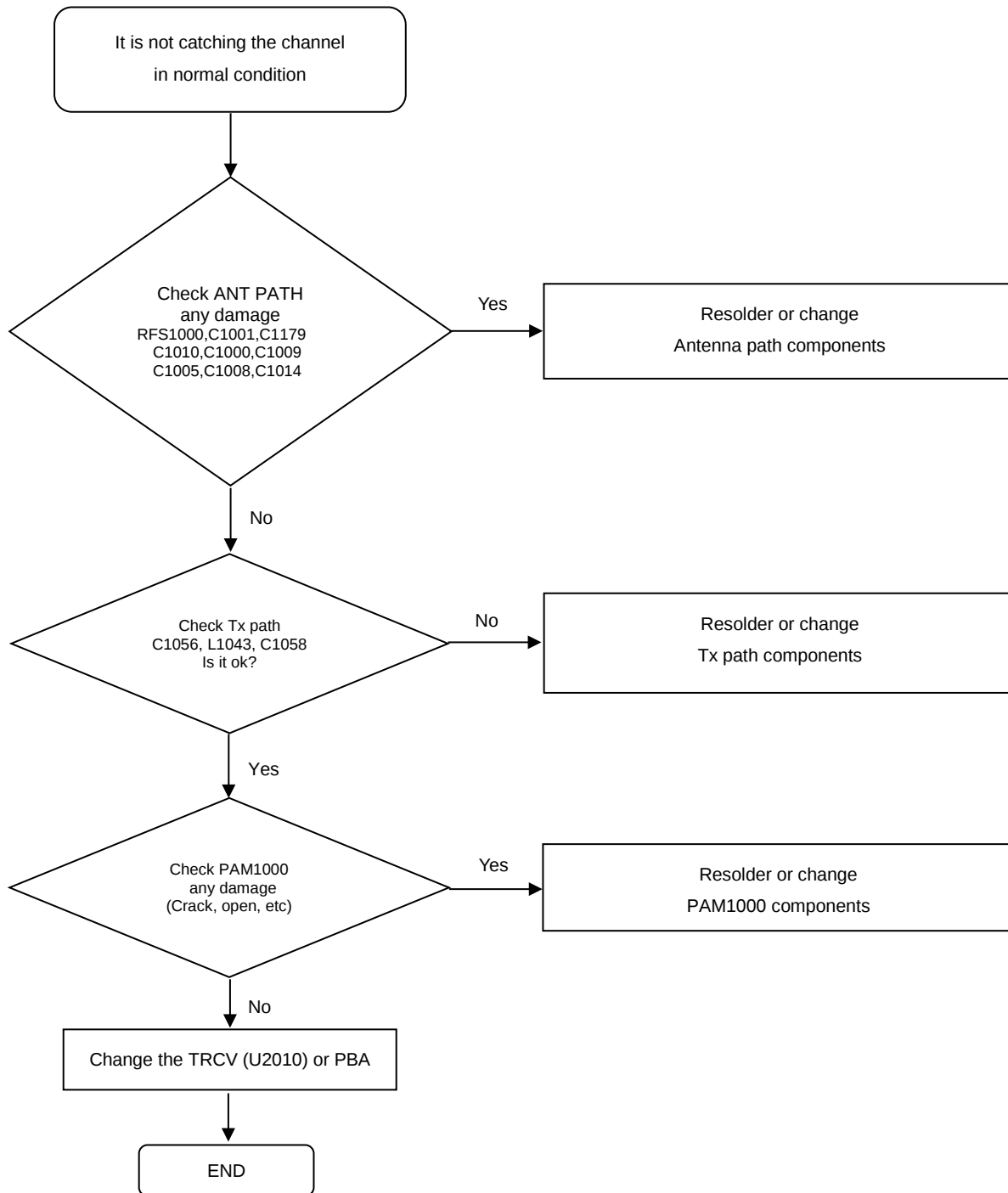
8. Level 3 Repair

8-4-29. LTE B8 TX



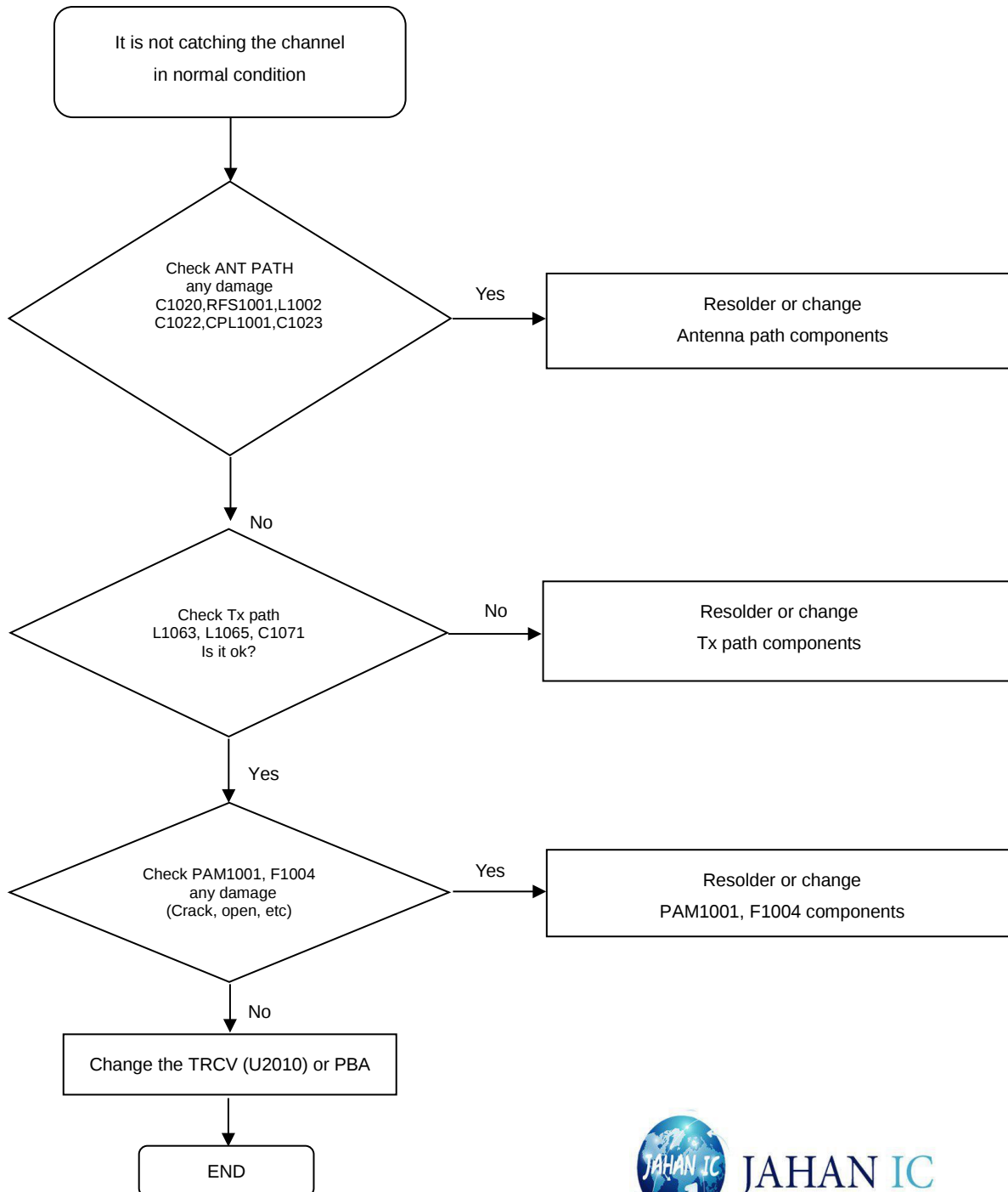
8. Level 3 Repair

8-4-30. LTE B20 TX



8. Level 3 Repair

8-4-31. LTE B7 TX



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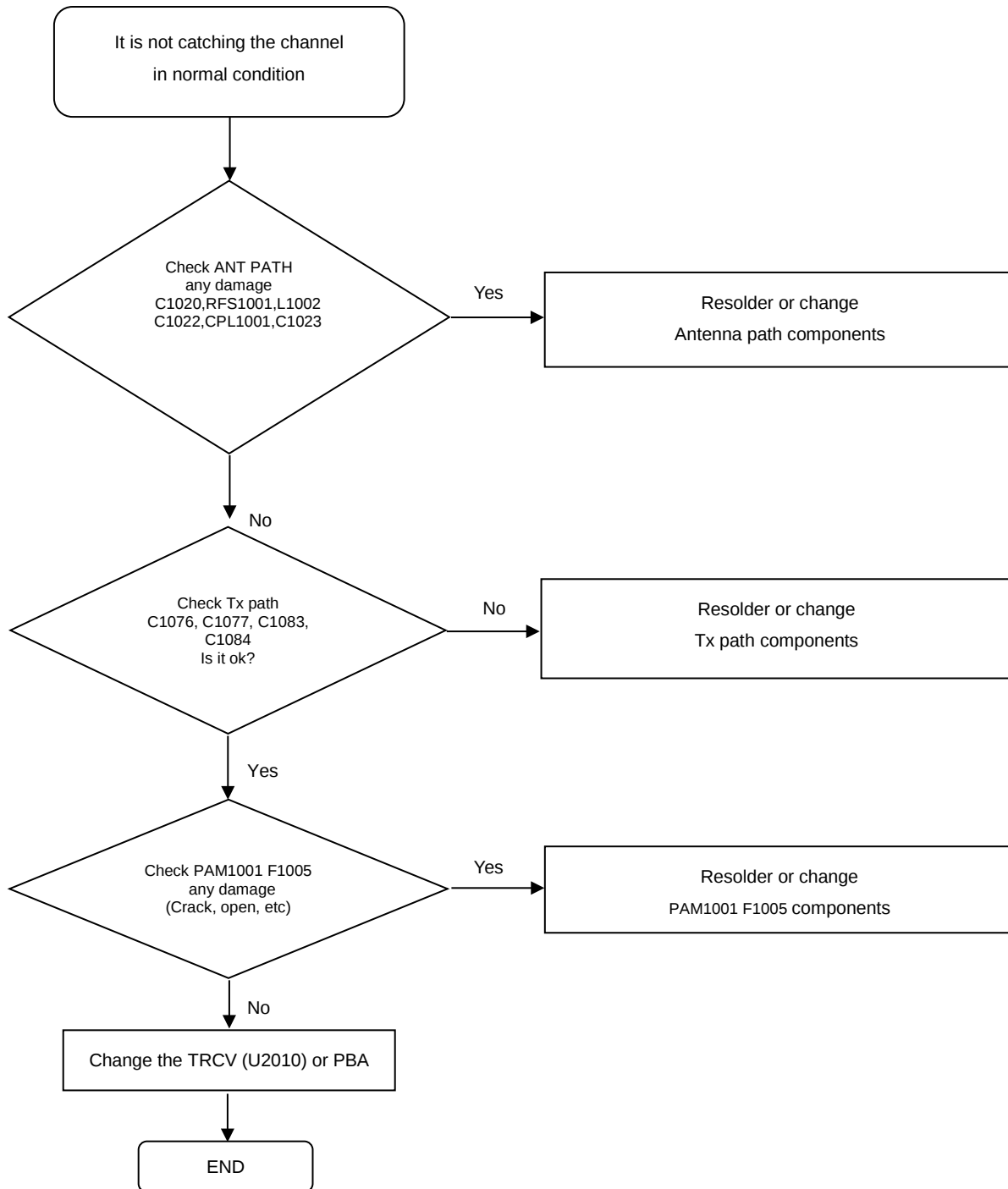
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8. Level 3 Repair

8-4-32. LTE B38 TX



8. Level 3 Repair

8-4-33. LTE B40 TX



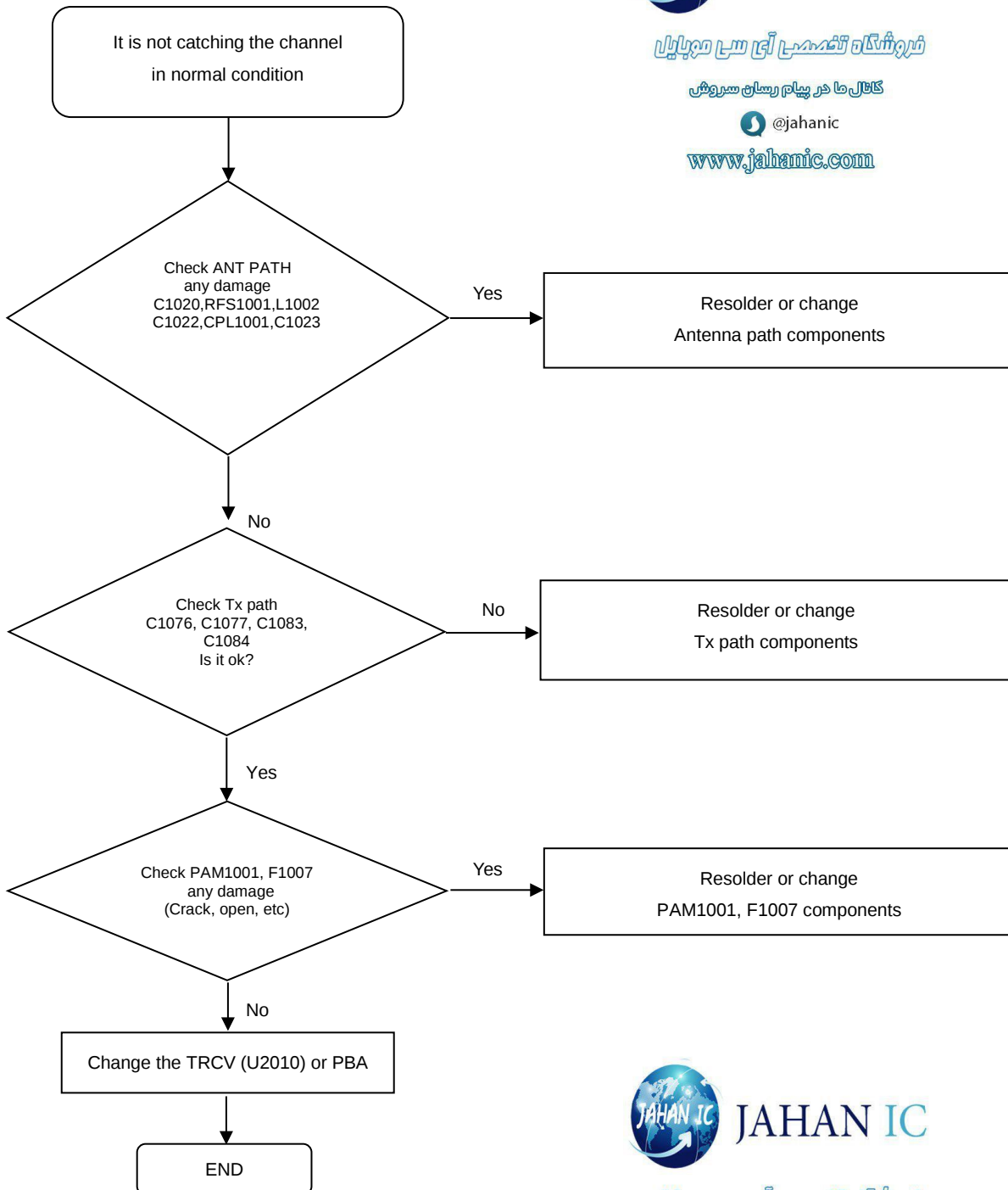
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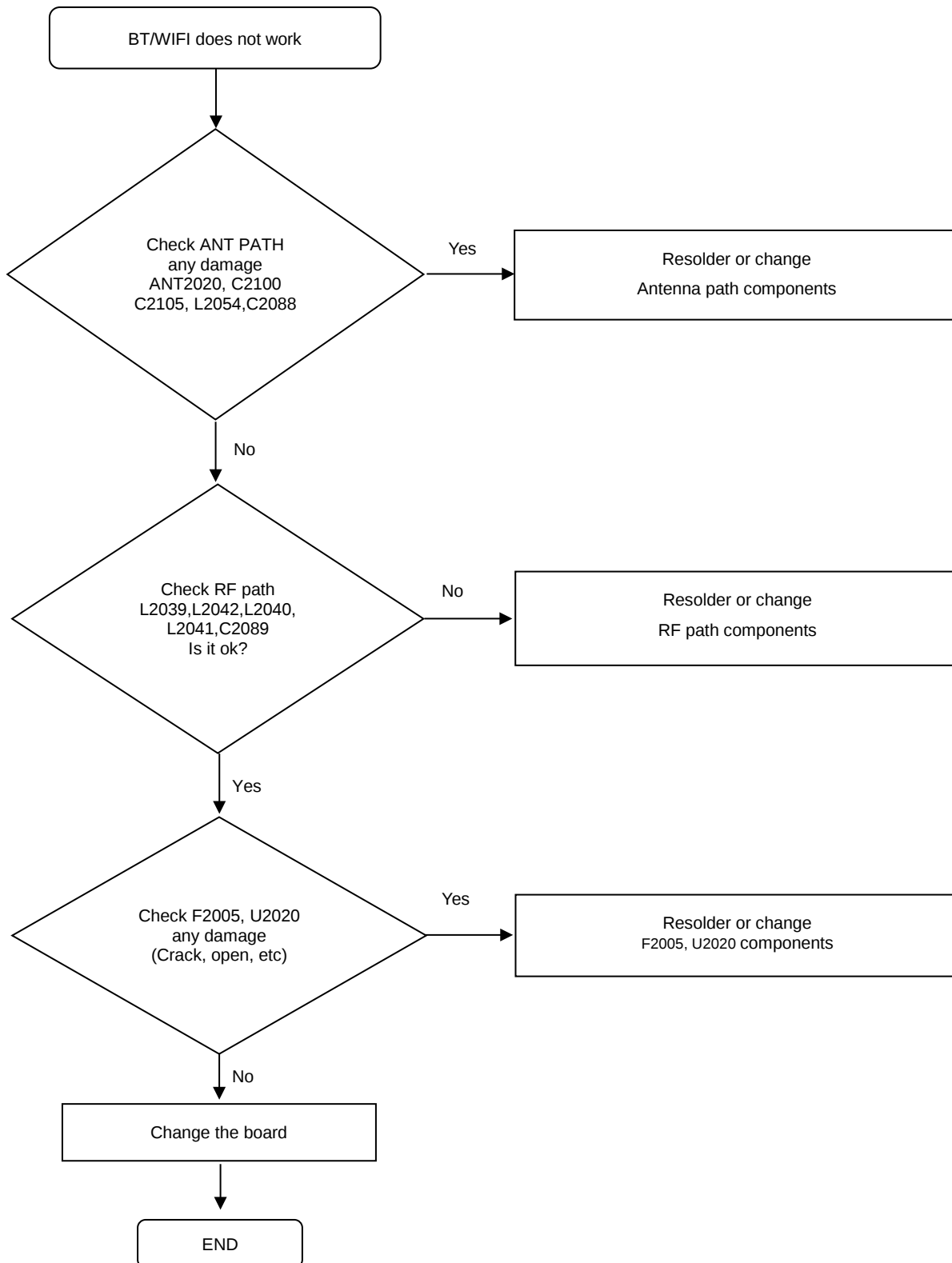
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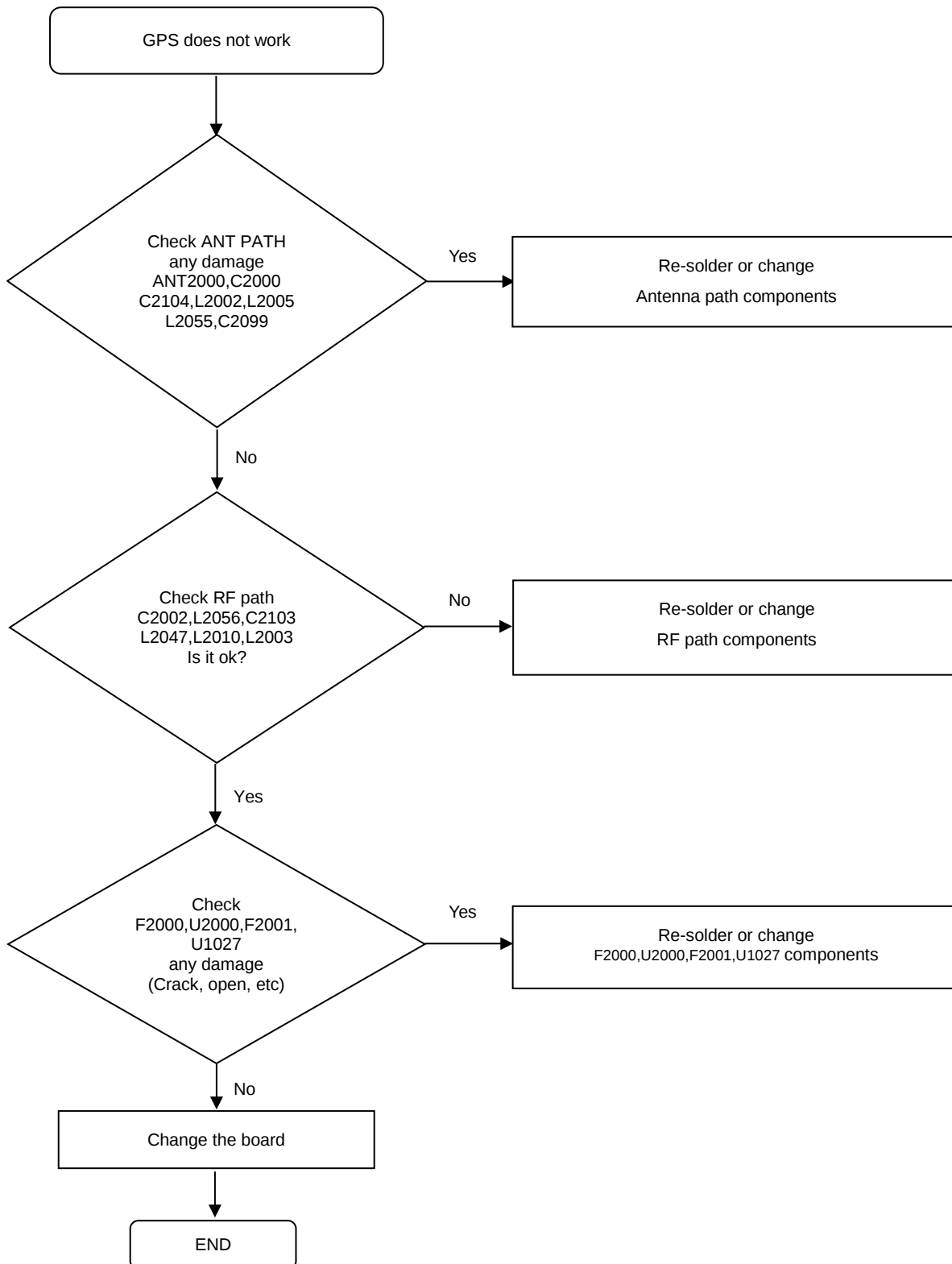
8. Level 3 Repair

8-4-34. BT/WLAN



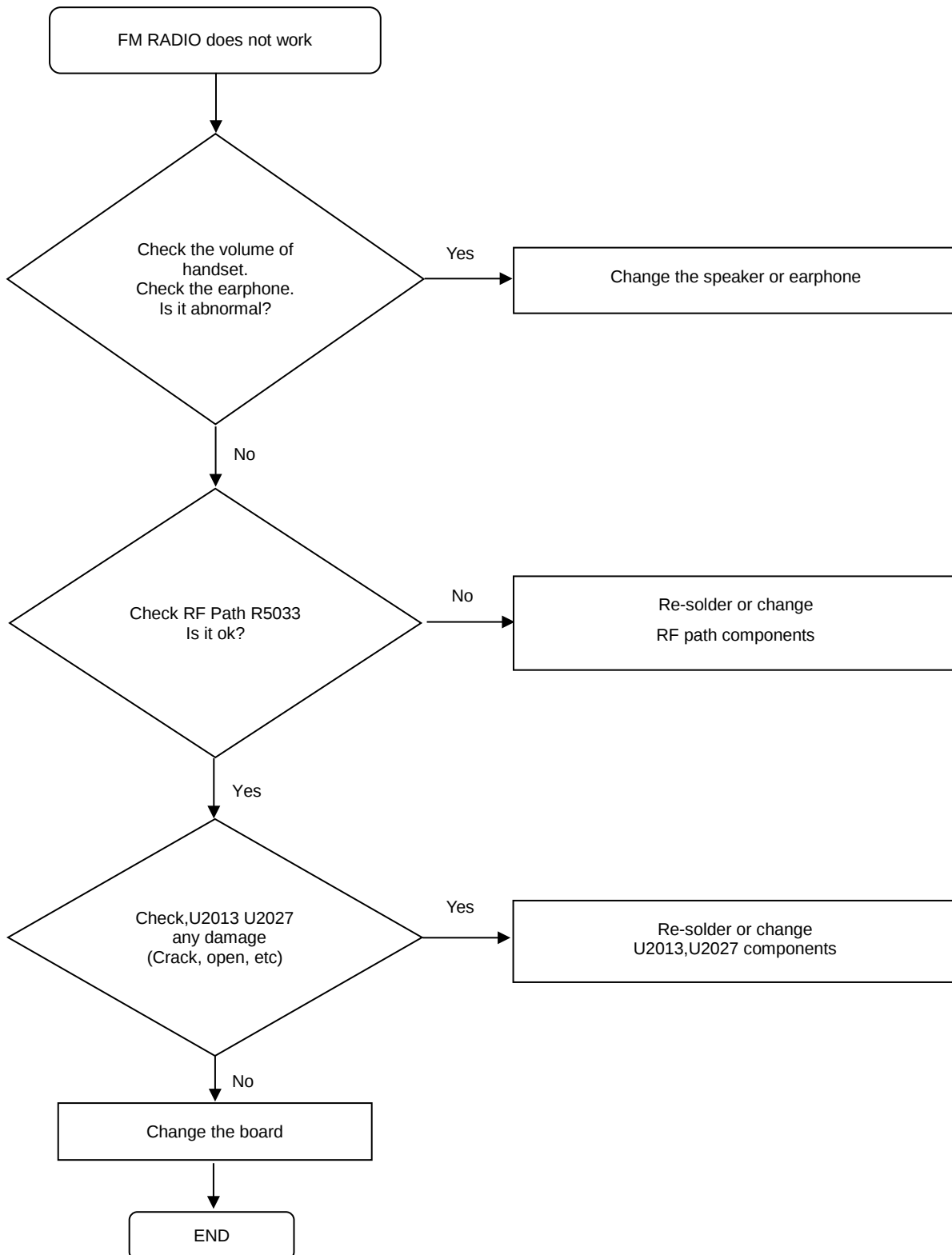
8. Level 3 Repair

8-4-35. GPS



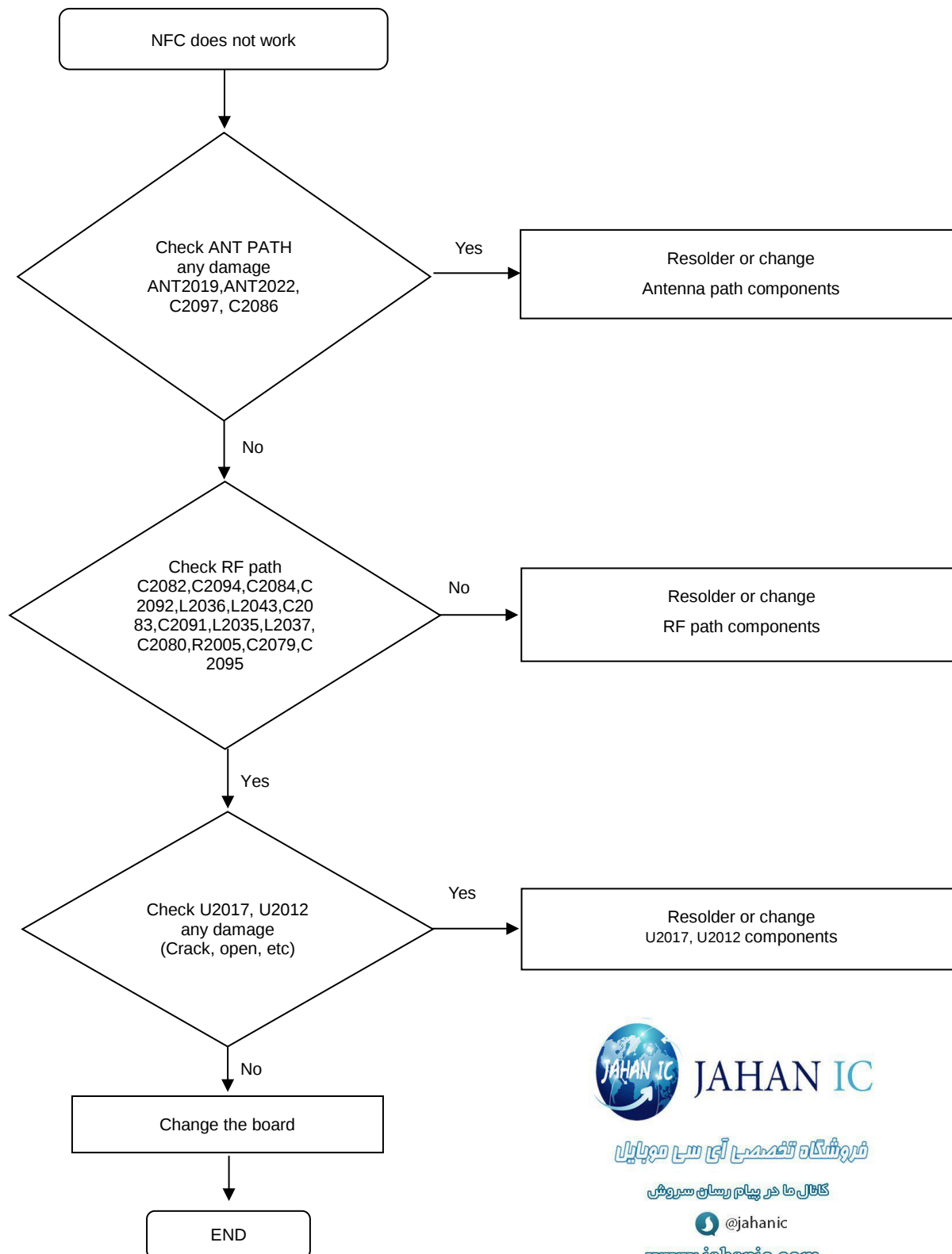
8. Level 3 Repair

8-4-36. FM RADIO



8. Level 3 Repair

8-4-38. NFC_SM-J330FN



8. Level 3 Repair

8-5. Service Schematics

- NC Point(Top View) U3007 (AP)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
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AC	YD0			YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	
AD	YD0			YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	
AE	YD0			YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	
AF	YD0			YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	
AG	YD0			YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	
AH	YD0			YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	
AJ	YD0			YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	
AK	YD0			YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	
AL	YD0			YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	
AM	YD0			YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	
AN	YD0			YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	
AP	YD0			YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	
AR	YD0			YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	
AS	YD0			YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	
AT	YD0			YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	
AU	YD0			YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	
AV	YD0			YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	
AW	YD0			YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	YD0	



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