

Part List, Standard

Applicable for A2618s and A2618sc

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1 Mounting Drawings

The Mounting drawings show the components position on the printed board. The Mounting drawings can be found in the document 1078-2/FEA 209 544/25.

Board Number	Mounting Drawing
ROA 117 9219 R1A	1078-ROA 117 9219 Rev C

2 Component List

- **Pos.:**
The components position number on the board.
- **Description:**
Type of component mounted on the position.
- **Part Number:**
The components part number (or reference to Board Revision Changes) is specified for all components that can be replaced according to the Standard Repair Process.
- **Comments:**
Special soldering requirement.
Functions that are affected if the component is replaced. The specified verification should be paid extra attention when testing the telephone.
For components that can be replaced only by using the Advanced Repair Process, "Advanced" is written, and for components not possible to replace, "Not available".

2.1 ROA 117 9219

ROA 117 9219			
Pos.	Description	Part Number	Comments
	Shielding Box Assembly, GSM	SXK 107 7737	
	Sim Holder	RNK 860 132	
	Antenna Connector	SXA 134 063	
	Battery Connector, Male	RPV 403 829/003	
B320	Quartz Crystal Unit		Advanced
B800	Quartz Crystal Unit	RTM 501 677/01	
C107			Not mounted
C108			Not mounted
C109			Not mounted
C110	Capacitor	RJC 463 3022/22	
C111			Not mounted
C112			Not mounted
C113			Not mounted
C114	Capacitor	RJC 463 3022/22	
C200	Capacitor	RJC 463 3022/1	
C201	Capacitor	RJC 463 3022/1	
C202	Capacitor	RJC 463 3022/33	
C203	Capacitor	RJC 463 3022/1	
C204	Capacitor	RJC 463 3022/22	
C205	Capacitor	RJC 463 3022/33	
C206	Capacitor	RJC 463 3022/22	
C207	Capacitor	RJC 463 3022/1	
C209	Capacitor	RJC 463 3021/27	
C210	Capacitor	RJC 463 3021/27	
C212	Capacitor	RJC 463 3022/22	
C214	Capacitor	RJC 464 3024/1	

ROA 117 9219			
Pos.	Description	Part Number	Comments
C215	Capacitor	RJC 464 3024/1	
C217	Capacitor	RJC 463 3022/33	
C300	Capacitor	RJC 464 3025/1	
C301	Capacitor	RJC 463 3022/47	
C302	Capacitor	RJC 463 3023/1	
C303			Not mounted
C304	Capacitor	RJC 464 3047/1	
C305	Capacitor	RJC 463 3022/22	
C306	Capacitor	RJC 463 3022/22	
C307	Capacitor	RJC 463 3022/22	
C310	Capacitor	RJC 464 3024/22	
C311	Capacitor	RJA 532 4055/12	
C312			Not mounted
C313			Not mounted
C320	Capacitor		Advanced
C321	Capacitor		Advanced
C322	Capacitor		Advanced
C323			Not mounted
C324			Not mounted
C330	Capacitor	RJC 464 3047/1	
C331	Capacitor	RJC 464 3025/1	
C332	Capacitor	RJC 463 3022/22	
C333	Capacitor	RJC 464 3025/1	
C334	Capacitor	RJC 463 3022/22	
C335	Capacitor	RJC 463 3021/27	
C336	Capacitor	RJC 463 3021/27	
C337	Capacitor	RJC 463 3022/27	
C338	Capacitor	RJC 463 3022/27	
C340	Capacitor	RJC 463 3022/22	
C341	Capacitor	RJC 463 3022/22	
C342	Capacitor	RJC 463 3022/22	
C343	Capacitor	RJC 463 3022/22	
C344	Capacitor	RJC 464 3025/1	
C350	Capacitor	RJC 464 3047/1	
C351	Capacitor	RJC 464 3025/1	
C352	Capacitor	RJC 463 3022/22	
C353	Capacitor	RJC 464 3024/22	
C361	Capacitor		Advanced
C362	Capacitor		Advanced
C363	Capacitor		Advanced
C364			Not mounted
C365	Capacitor	RJC 464 3024/33	
C370	Capacitor	RJC 463 3022/22	
C371	Capacitor	RJC 463 3022/22	
C372	Capacitor	RJC 464 3025/1	
C373	Capacitor	RJC 464 3025/1	
C374	Capacitor	RJC 464 3025/1	
C380	Capacitor		Advanced
C381	Capacitor		Advanced

ROA 117 9219			
Pos.	Description	Part Number	Comments
C382	Capacitor	RJC 464 3035/82	
C383			Not mounted
C400	Capacitor	RJE 599 1068/22A	
C401	Capacitor	RJC 464 3025/1	
C402			Not mounted
C403	Capacitor	RJC 463 3021/22	
C404	Capacitor	RJC 463 3021/18	
C405	Capacitor	RJC 463 3021/27	
C406	Capacitor	RJC 463 3022/1	
C407	Capacitor	RJC 463 3022/1	
C408	Capacitor	RJC 463 3022/33	
C409	Capacitor	RJE 599 1068/22A	
C410	Capacitor	RJC 463 3022/1	
C411			Not mounted
C415	Capacitor	RJC 464 3025/1	
C417	Capacitor	RJC 464 3025/1	
C420	Capacitor	RJC 464 3025/1	
C421	Capacitor	RJC 464 3025/1	
C423	Capacitor	RJC 464 3025/1	
C495	Capacitor	RJC 463 3022/22	
C496	Capacitor	RJC 463 3022/56	
C497	Capacitor	RJC 464 3024/33	
C499	Capacitor	RJC 464 3023/82	
C500	Capacitor	RJC 464 3035/33	
C501	Capacitor	RJC 516 3525/68	
C502	Capacitor	RJC 516 3525/68	
C505	Capacitor	RJC 516 3047/22	
C506	Capacitor	RJC 516 3525/68	
C508	Capacitor	RJC 516 3047/22	
C509	Capacitor	RJC 516 3525/68	
C510	Capacitor	RJC 516 3525/68	
C511	Capacitor	RJC 516 3525/68	
C512	Capacitor	RJC 516 3525/68	
C514	Capacitor	RJC 463 3022/22	
C515	Capacitor	RJC 463 3022/22	
C516	Capacitor	RJC 464 3024/1	
C520	Capacitor		Advanced
C522	Capacitor		Advanced
C602	Capacitor	RJC 464 3023/33	
C603	Capacitor	RJC 464 3025/1	
C700	Capacitor	RJC 464 3025/1	
C701	Capacitor	RJC 464 3025/1	
C702	Capacitor	RJC 516 3557/47	
C703	Capacitor	RJC 516 3058/1	
C704	Capacitor	RJC 516 3058/1	
C705	Capacitor	RJC 516 3058/1	
C706	Capacitor	RJC 516 3058/1	
C708	Capacitor	RJC 463 3022/22	
C709			Not mounted

ROA 117 9219			
Pos.	Description	Part Number	Comments
C710	Capacitor	RJC 464 3025/1	
C711			Not mounted
C712			Not mounted
C713			Not mounted
C714			Not mounted
C721	Capacitor	RJC 464 3036/1	
C722	Capacitor	RJC 516 3557/47	
C723	Capacitor	RJC 516 3557/47	
C725	Capacitor	RJC 516 3557/47	
C726			Not mounted
C727			Not mounted
C728			Not mounted
C729			Not mounted
C730	Capacitor	RJC 464 3025/1	
C731	Capacitor	RJC 464 3025/1	
C732	Capacitor	RJC 464 3025/1	
C733	Capacitor	RJC 464 3025/1	
C734	Capacitor	RJC 464 3025/1	
C735	Capacitor	RJC 464 3025/1	
C736	Capacitor	RJC 516 3047/22	
C737	Capacitor	RJC 463 3023/1	
C738	Capacitor	RJC 516 3525/68	
C739			Not mounted
C740	Capacitor	RJC 464 3025/1	
C741	Capacitor	RJC 464 3025/1	
C742	Capacitor	RJC 464 3025/1	
C743	Capacitor	RJC 464 3025/1	
C744	Capacitor	RJC 464 3025/1	
C745	Capacitor	RJC 464 3025/1	
C746	Capacitor	RJC 464 3025/1	
C747	Capacitor	RJC 464 3025/1	
C748	Capacitor	RJC 464 3025/1	
C751	Capacitor	RJC 464 3025/1	
C752	Capacitor	RJC 464 3025/1	
C753	Capacitor	RJC 464 3025/1	
C754	Capacitor	RJC 464 3025/1	
C755	Capacitor	RJC 464 3025/1	
C756	Capacitor	RJC 464 3025/1	
C757	Capacitor	RJC 464 3025/1	
C760	Capacitor	RJC 464 3025/1	
C761	Capacitor	RJC 516 3525/68	
C762	Capacitor	RJC 464 3025/1	
C771	Capacitor	RJC 516 3525/68	
C772	Capacitor	RJC 464 3025/1	
C773			Not mounted
C774			Not mounted
C775			Not mounted
C776			Not mounted
C777	Capacitor	RJE 599 1068/22A	

ROA 117 9219			
Pos.	Description	Part Number	Comments
C778	Capacitor	RJC 463 3022/22	
C780			Not mounted
C781			Not mounted
C782			Not mounted
C800	Capacitor	RJC 463 3022/15	
C801	Capacitor	RJC 463 3022/15	
C803	Capacitor	RJC 464 3046/22	
C804	Capacitor	RJC 464 3047/1	
C805			Not mounted
C806			Not mounted
C807			Not mounted
C808			Not mounted
C809	Capacitor	RJC 464 3047/1	
C811			Not mounted
C812			Not mounted
C813			Not mounted
C814			Not mounted
C815			Not mounted
C816	Capacitor	RJC 463 3022/22	
C817			Not mounted
C818			Not mounted
C819			Not mounted
C820			Not mounted
C821			Not mounted
C827	Capacitor	RJC 464 3047/1	
C850	Capacitor	RJC 464 3025/1	
C851	Capacitor	RJC 463 3022/22	
C852	Capacitor	RJC 463 3022/22	
C853			Not mounted
C854			Not mounted
C855	Capacitor	RJC 463 3022/22	
C856	Capacitor	RJC 463 3022/22	
C857			Not mounted
C859			Not mounted
C861	Capacitor	RJC 463 3022/22	
C862	Capacitor	RJC 463 3022/22	
C863			Not mounted
C865			Not mounted
C866	Capacitor	RJC 463 3022/22	
D300	Resistor	REP 015 136/3	
D301	Resistor	REP 015 136/3	
D401	Resistor	REP 015 136/2	
D500	Functional Circuit	RYS 105 639/2C R4A	uBGA component, Additional Soldering Process required
D600	Prod. Adapt. Circuit	ROP 101 3018/2 R1A	uBGA component, Additional Soldering Process required
D601	Microcircuit	RYT 118 6157/1	uBGA component, Additional Soldering Process required
D602	Microcircuit		Not available

ROA 117 9219			
Pos.	Description	Part Number	Comments
D800	Prod. Adapt. Circuit		Not available
J800	Component Holder	RNK 860 131	
L200	Inductor	REG 724 9342/47	
L201	Inductor	REG 724 9342/47	
L202	Inductor	REG 724 9342/15	
L203	Inductor	REG 724 9342/33	
L204	Inductor	REG 724 9301/47	
L205	Inductor	REG 724 9342/18	
L206	Inductor	REG 724 9341/82	
L300	Inductor	REG 704 494/22	
L301			Not mounted
L302	Inductor	REG 724 9332/47	
L331	Inductor	REG 724 9342/1	
L340	Inductor	REG 704 494/39	
L360	Inductor		Advanced
L361	Inductor		Advanced
L401	Inductor		Advanced
L402	Inductor	REG 724 9301/33	
L700	Inductor	REG 724 222/22	
N200	Microcircuit		Advanced
N201	Transformer	REG 135 99/2	
N300	Prod. Adapt. Circuit		Advanced
N301	Microcircuit	RYT 102 902/2	
N330	Oscillator		Advanced
N331	Oscillator		Advanced
N332	Transformer	REG 135 99/2	
N333	Transformer	REG 135 99/1	
N390	Quartzcrystal Filter	RTN 202 914/1	
N391	Transformer	REG 135 94/1	
N392	Oscillator		Advanced
N400	Amplifier		Advanced
N500	Prod. Adapt. Circuit		BGA Advanced
N501	Prod. Adapt. Circuit		Not available
N700	Prod. Adapt. Circuit		BGA Advanced
N701	Microcircuit	RYT 113 6110/3C	
N720	Microcircuit	RYT 113 6157/1	
R202	Resistor	REP 622 453/27	
R300	Resistor	REP 622 452/1	
R310	Resistor	REP 622 454/33	
R311	Resistor	REP 622 452/1	
R312	Resistor	REP 622 452/1	
R320	Resistor		Advanced
R321	Resistor		Advanced
R322	Resistor		Advanced

ROA 117 9219			
Pos.	Description	Part Number	Comments
R331	Resistor	REP 622 452/1	
R340	Resistor	REP 622 001/0	
R350	Resistor	REP 622 654/33	
R360	Resistor		Advanced
R361	Resistor		Advanced
R362	Resistor	REP 622 455/18	
R363	Resistor	REP 622 454/56	
R380	Resistor		Advanced
R381	Resistor	REP 622 452/22	
R382	Resistor	REP 622 453/47	
R390	Resistor	REP 622 453/22	
R391	Resistor	REP 622 452/56	
R392	Resistor	REP 622 453/1	
R401	Resistor	REP 622 455/47	
R403			Not mounted
R404			Not mounted
R497	Resistor	REP 622 001/0	
R498	Resistor	REP 622 001/0	
R499	Resistor	REP 622 454/1	
R500	Resistor	REP 622 455/22	
R501	Resistor	REP 622 001/0	
R502	Resistor	REP 622 454/1	
R503	Resistor	REP 622 454/1	
R504	Resistor	REP 622 454/1	
R505	Thermistor	REZ 401 0064/47	
R506	Resistor	REP 622 654/47	
R507	Resistor	REP 622 456/1	
R508	Resistor	REP 622 456/1	
R509	Resistor	REP 622 456/1	
R510	Resistor	REP 622 001/0	
R511	Resistor	REP 622 454/1	
R512	Resistor		Advanced
R513	Resistor		Advanced
R514	Resistor		Advanced
R515	Resistor		Advanced
R516	Resistor	REP 622 455/1	
R517	Resistor	REP 622 455/1	
R519	Resistor	REP 622 454/1	
R520	Resistor	REP 622 001/0	
R521	Resistor	REP 622 456/1	
R522	Resistor	REP 622 456/1	
R523	Resistor	REP 622 456/1	
R524	Resistor	REP 622 001/0	
R525	Resistor	REP 622 655/22	
R526	Resistor	REP 622 456/1	
R528	Resistor	REP 622 001/0	
R529	Resistor	REP 622 001/0	
R530			Not mounted
R600	Resistor	REP 622 001/0	

ROA 117 9219			
Pos.	Description	Part Number	Comments
R601	Resistor	REP 622 455/1	
R602			Not mounted
R603	Resistor	REP 622 001/0	
R604	Resistor	REP 622 001/0	
R605			Not mounted
R701	Resistor	REP 622 001/0	
R702	Resistor	REP 622 455/1	
R703	Resistor	REP 622 001/0	
R704	Resistor	REP 624 650/27	
R705	Resistor	REP 624 001/0	
R706	Resistor	REP 622 455/22	
R707	Resistor	REP 622 455/22	
R708	Resistor	REP 622 001/0	
R709	Resistor	REP 622 001/0	
R710			Not mounted
R723	Resistor	REP 622 456/1	
R726	Resistor	REP 622 001/0	
R727	Resistor		Advanced
R730	Resistor	REP 622 001/0	
R731	Resistor	REP 622 001/0	
R732	Resistor	REP 622 001/0	
R733	Resistor	REP 622 001/0	
R734			Not mounted
R735	Resistor	REP 622 001/0	
R736			Not mounted
R737			Not mounted
R800	Resistor	REP 622 455/1	
R801	Resistor	REP 622 654/47	
R802	Resistor	REP 622 654/47	
R803	Resistor	REP 622 455/1	
R804	Resistor	REP 622 455/1	
R805	Resistor	REP 622 452/33	
R806	Resistor	REP 622 452/33	
R807	Resistor	REP 622 452/33	
R808			Not mounted
R809	Resistor	REP 622 452/33	
R810	Resistor	REP 622 456/1	
R811			Not mounted
R812	Resistor	REP 622 456/1	
R814			Not mounted
R850	Resistor	REP 622 001/0	
R851	Resistor	REP 622 454/1	
R852	Resistor	REP 622 001/0	
R854	Resistor	REP 622 454/1	
R855	Resistor	REP 622 454/15	
R856	Resistor	REP 622 452/36	
R858	Resistor	REP 622 452/22	
R859	Resistor	REP 622 001/0	
R860	Resistor	REP 622 453/15	

ROA 117 9219			
Pos.	Description	Part Number	Comments
R861	Resistor	REP 622 001/0	
R862			Not mounted
R863	Resistor	REP 622 455/33	
R864	Resistor	REP 622 454/1	
V321	Diode		Advanced
V322	Diode		Advanced
V330	Transistor	RYN 901 634/1	
V332	Transistor	RYN 901 634/1	
V335	Transistor	RYN 901 634/1	
V347	Transistor	RYN 120 665/1	
V348	Transistor	RYN 121 6069/1	
V349	Transistor	RYN 901 634/1	
V350			Not mounted
V400	Transistor		Advanced
V401	Transistor	RYN 121 6107/1	
V402	Transistor	RYN 120 647/1	
V403	Transistor	RYN 121 6070/1	
V404	Diode	RKZ 323 673/1	
V500	Diode	RKZ 123 646/1	
V501	Diode	RKZ 123 646/1	
V502	Diode		Advanced
V503			Not mounted
V504	Diode	RKZ 123 646/1	
V505	Diode	RKZ 123 646/1	
V600	Transistor	RYN 121 6069/1	
V701	Transistor	RYN 901 634/1	
V702	Transistor	RYN 121 6069/1	
V703	Transistor	RYN 901 634/1	
V705	Diode	RKZ 123 654/1	
V720	Transistor	RYN 122 641/1	
V721	Diode	RKZ 123 646/1	
V801	Transistor	RYN 121 6069/1	
V804			Not mounted
V805	Diode	RKZ 223 901/1	
V806	Diode	RKZ 123 646/1	
V807	Transistor	RYN 121 6091/1	
V850	Diode	RKZ 123 647/1	
V851	Transistor	RYN 121 1621/1	
V853	Transistor	RYN 121 6086/1	
V854	Transistor	RYN 121 6086/1	
V855	Diode	RKZ 123 646/1	
V856	Diode	RKZ 123 646/1	
V857	Diode	RKZ 123 646/1	
X1	Pin Connector Unit	RPV 403 829/003	
Z200	Quartzcrystal Filter	RTN 201 910/1	
Z201	Quartzcrystal Filter	RTN 201 805/01	
Z300	Filter	REG 706 06/1	
Z350	Filter	REG 706 06/1	
Z400	Filter	REG 706 05/9	

ROA 117 9219			
Pos.	Description	Part Number	Comments
Z501			Not mounted
Z502			Not mounted
Z701	Filter	REG 706 06/1	
Z702	Filter	REG 706 06/1	

3 Revision History

Rev.	Date	Changes / Comments
A	2000-06-13	