

PAL101 MAIN PCBA BOM

PROJECT MEN:		pzj		BOM VEWSION			V1.3
K2319-BY MAIN PCBA		K2319-BY-MAIN-BT		DATE			2011-11-9
Item	Part No.	Name	Specification	Location	Unit	REMARK	Manufacturer No.
1	K3101602319101	K2319 MB	49.3*118.8*1.0mm L=6	K2319-MB-V3.3 Date:2011-1-20	1	M	
2	K3111010085600	SMT CAP.	1pF±0.25pF 50V COG 0402	L506 L505	2	M	GRM1555C1H1R0CZ01D
3	K3111027085600	SMT CAP.	2.7pF±0.25pF 50V COG 0402	C513 C516	2	M	GRM1555C1H2R7CZ01D
4	K3111047085600	SMT CAP.	4.7pF±0.25pF 50V COG 0402	C237 C238 C239 C240	4	M	GRM1555C1H4R7CZ01D
5	K3111080085900	SMT CAP.	8pF±0.5pF 50V COG 0402	C213	1	M	GRM1555C1H8R0DZ01D
6	K3111180084100	SMT CAP.	18pF±5% 50V COG 0402	C125 C126 C241 C242 C243 C244	6	M	GRM1555C1H180JZ01D
7	K3111220085100	SMT CAP.	22pF±5% 50V COG 0402	C203 C204 C205 C206 C211 C212 C214 C247 C248 C301	10	M	GRM1555C1H220JZ01D
8	K3111330085100	SMT CAP.	33pF±5% 50V COG 0402	C311 C312 C313 C402 C408 C409 C410 C415 C417 C419 C420 C422 C423 C425 C426 C427 C428 C429 C430 C431 C437 C441	22	M	GRM1555C1H330JZ01D
9	K3111390085100	SMT CAP.	39pF ±5% 50V COG 0402	C227 C228 C236	3	M	GRM1555C1H390JZ01D
10	K3111470085100	SMT CAP.	47pF ±5% 50V COG 0402	C225	1	M	GRM1555C1H470JZ01D
11	K3111820085100	SMT CAP.	82pF±5% 50V COG 0402	C223 C235	2	M	GRM1555C1H820JZ01D
12	K3111101085100	SMT CAP.	100pF±5% 50V COG 0402	C404 C405 C421 T614 T615 T616	6	M	GRM1555C1H101JZ01D
13	K3111221085100	SMT CAP.	220pF±5% 50V COG 0402	C217	1	M	GRM1555C1H221JA01D

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14	K3111331085100	SMT CAP.	330pF $\pm$ 5% 50V COG 0402	C436	1	M	GRM1555C1H331JA01D
15	K3111102085200	SMT CAP.	1nF $\pm$ 10% 50V X7R 0402	C103 C303 C510 C224	4	M	GRM155R71H102KA01D
16	K3111103065200	SMT CAP.	10nF $\pm$ 10% 25V X7R 0402	C528 C515	2	M	GRM155R71E103KA01D
17	K3111333065200	SMT CAP.	33nF $\pm$ 10% 25V X7R 0402	C234 C605	2	M	GRM155R71E333KA01D
18	K3111473025200	SMT CAP.	47nF $\pm$ 10% 10V X7R 0402	C105	1	M	GRM155R71A473KA01D
19	K3111104025200	SMT CAP.	100nF $\pm$ 10% 10V X5R 0402	C215 C222 C226 C229 C232 C233 C604 C106 C107 C108 C109 C118 C119 C120 C121 C122 C123 C124 C400 C406 C411 C412 C413 C418 C432 C433 C512 C522 C315 C316	30	M	GRM155R61A104KA01D
20	K3111224065200	SMT CAP.	220nF $\pm$ 10% 10V X5R 0402	C230	1	M	GRM155R61A224KE15D
21	K3111105025200	SMT CAP.	1uF $\pm$ 10% X5R 10V 0402	C100 C102 C104 C113 C115 C117 C314 C424 C514	9	M	GRM155R61A105KE15D
22	K3111105021200	SMT CAP.	1uF $\pm$ 10% X5R 10V 0603	C304	1	M	GRM188R61A105KA01D
23	K3111225011200	SMT CAP.	2.2uF $\pm$ 10% X5R 6.3V 0603	C111 C416 C526 C527 C606 C607	6	M	GRM188R60J225KE19D
	K3111225011400	SMT CAP.	2.2uF (+80%-20%) X5R 6.3V 0603	C111 C416 C526 C527 C606 C607	6	T	
24	K3111475011200	SMT CAP.	4.7uF $\pm$ 10% X5R 6.3V 0603	C101 C112 C114 C116 C511 C603	6	M	GRM188R60J475KE19D

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Ite m	Part No.	Name	Specification	Location	Un it	RE MA RK	Manufacturer No.
25	K3111106012300	SMT CAP.	10uF $\pm$ 20% X5R 6.3V 0805	C302 C401 C403 C407 C414	5	M	GRM21BR60J106ME19L
26	K3111226012300	SMT CAP.	22uF $\pm$ 20% X5R 6.3V 0805	C110	1	M	GRM21BR60J226ME19D
27	K3162107010730	SMT CAP.	100uF 6.3V B SIZE	C216	1	M	F930J107MBA/TAJB107 M006RNJ
28	K3108400900530	SMT RESISTOR	0 Ω 5% 1/16W 0402	R108 L201 L208 L209 R209 R301 R303 R312 R502 R503 R504 R611 R613 R422 R423 R208 R112 L504	18	M	RC0402JR-070RL
29	K3108410000530	SMT RESISTOR	10 Ω 5% 1/16W 0402	R210	1	M	RC0402JR-0710RL
30	K3108451000530	SMT RESISTOR	51 Ω 5% 1/16W 0402	R206	1	M	RC0402JR-0751RL
31	K3108482000530	SMT RESISTOR	82 Ω 5% 1/16W 0402	L210 L211	2	M	RC0402JR-0782RL
32	K3108433100530	SMT RESISTOR	330 Ω 5% 1/16W 0402	R401 R404	2	M	RC0402JR-07330RL
33	K3108447100530	SMT RESISTOR	470 Ω 5% 1/16W 0402	R600 R601 R602 R603 R604 R605 R617 R618 R615 R614	10	M	RC0402JR-07470RL
34	K3108410200530	SMT RESISTOR	1K 5% 1/16W 0402	R105 R201 R207 R400 R403 R405 R412	7	M	RC0402JR-071KL
35	K3108415200530	SMT RESISTOR	1.5K 5% 1/16W 0402	R402 R406 R411	3	M	RC0402JR-071K5L
36	K3108422200530	SMT RESISTOR	2.2K 5% 1/16W 0402	R204 R205 R211 R212	4	M	RC0402JR-072K2L
37	K3108439200530	SMT RESISTOR	3.9K 5% 1/16W 0402	R107	1	M	RC0402JR-073K9L
38	K3108410300530	SMT RESISTOR	10K 5% 1/16W 0402	R102 R110 R612 R202	4	M	RC0402JR-0710KL

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Item	Part No.	Name	Specification	Location	Unit	REMARK	Manufacturer No.
39	K3108420300530	SMT RESISTOR	20K 5% 1/16W 0402	R410 R444 R420 R421	4	M	RC0402JR-0720KL
40	K3108424300530	SMT RESISTOR	24K 5% 1/16W 0402	R103	1	M	RC0402JR-0724KL
41	K3108430300530	SMT RESISTOR	30K 5% 1/16W 0402	R203	1	M	RC0402JR-0730KL
42	K3108447300530	SMT RESISTOR	47K 5% 1/16W 0402	R306	1	M	RC0402JR-0747KL
43	K3108410400530	SMT RESISTOR	100K 5% 1/16W 0402	R408 R435 R507 R442 R619	5	M	RC0402JR-07100KL
44	K3108451821510	SMT RESISTOR	5.1 Ω 5% 1/10W 0603	R609 R606 R607	3	M	RC0603JR-075R1L
45	K3108415011510	SMT RESISTOR	15 Ω 5% 1/10W 0603	R106	1	M	RC0603JR-0715RL
46	K3108400021500	SMT RESISTOR	0 Ω 5% 1/10W 0805	R100	1	M	RC0805JR-070RL
47	K3108420831100	SMT RESISTOR	0.2 Ω 1% 1/8W 0805	R101	1	M	RL0805FR-070R2L
48	K3121400000027	FERRITE BEAD	75 Ω $\pm$ 25% 300mA/600mA 0402	L100 L205 L206 L207	4	M	BLM15BB750SN1D
49	K3121400000015	FERRITE BEAD	1000 Ω $\pm$ 25% 200mA/100mA 0402	L400 L401 L402 L403 L404 L406 L407 L411 L412 L413 L601	11	M	BLM15AG102SN1D
50	K3121400000050	FERRITE BEAD	2500 Ω $\pm$ 25% 50MA/200MA 0603	L408 L409 L416 L417 L418 L419	6	M	BLM18BD252SN1D
51	K3121412022600	SMT INDUCTOR	2.2nH $\pm$ 0.3nH 0402	C245 C246	2	M	LQG15HS2N2S02D
52	K3121440239610	SMT INDUCTOR	3.9nH $\pm$ 0.3nH 0402	R532	1	M	LQG15HS3N9S02D
53	K3121440243600	SMT INDUCTOR	4.3nH $\pm$ 0.3nH 0402	L212 L213	2	M	LQG15HS4N3S02D
54	K3121412082600	SMT INDUCTOR	8.2nH $\pm$ 5% 0402	L203	1	M	LQG15HS8N2J02D

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55	K3121412015700	SMT INDUCTOR	15nH $\pm$ 5% 0402	L214 L215	2	M	LQG15HS15NJ02D
56	K31219040210800	SMT INDUCTOR	100nH $\pm$ 5% 0402	L602 L603 L604	3	M	LQG15HSR10J02D
57	K3110115402180	Piezoresistor	18V 15P 0402	T1 T2 T300 T301 T302 T303 T304 T305 T306 T308 T309 T310 T311 T312 T313 T401 T402 T404 T406 T412 T413 T414 T600 T601 T602 T603 T604 T605 T606 T607 T608 T609 T611 T612 T613 T617 T618	37	M	AVLC18S02015
58	K3105520302100	Schottky Diode	RB520S-30	D301 D400	2	M	RB520S-30
	K3105042000100	Schottky Diode	1SS420	D301 D400	2	T	
	K3105023000100	Schottky Diode	CDBU0230R	D301 D400	2	T	
	K3105520302102	Schottky Diode	LRB520S-30T1G	D301 D400	2	T	
59	K3104805000100	SMT Transistor	8050 (β =200-350) _SOT23	Q601	1	M	
60	K3106260399110	SMT LED	White LED 0603 H=0.4mm	D620 D621 D622 D623 D624 D625 D603 D604	8	M	BL-HZ336G-L8-TRB
	K3106260399130	SMT LED	White LED 0603 H=0.4mm	D620 D621 D622 D623 D624 D625 D603 D604	8	T	GT-197
	K3106260399140	SMT LED	White LED 0603 H=0.4mm	D620 D621 D622 D623 D624 D625 D603 D604	8	T	AOT-0603P-W310-H
61	K3106260396100	SMT LED	Blue LED 0603 H=0.4mm	D602	1	M	BL-HB336G-TRB

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	K3106230266100	SMT LED	Blue LED 0603 H=0.4mm	D602	1	T	19-217/BHC-ZL1M2RY/3T
	K3106260396320	SMT LED	Blue LED 0603 H=0.4mm	D602	1	T	HT-193NB5
62	K3102SGM4684X000005	Analog Switch	SGM4684XG/TR	SW400	1	M	SGM4684XG/TR
63	K310200CW6601000005	BT Chip	CW6601P	U501	1	M	CW6601P
64	K3102LFB182G4000005	BT SAW Filter	LFB182G45SG9A293	SA500	1	M	LFB182G45SG9A293
	K3102RFBPF160000005	BT SAW Filter	RFBPF1608070A0T	SA500	1	T	RFBPF1608070A0T
65	K3102AT5020B2000005	BT ANT	AT5020-B2R8HAAT	ANT503	1	M	AT5020-B2R8HAAT
	K3102LTA52202000005	BT ANT	LTA-5220-2G4S3-A1	ANT503	1	T	LTA-5220-2G4S3-A1
66	K31020AON4703000005	Charge Chip	AON4703	U101	1	M	AON4703
	K3102NTHD4P02000005	Charge Chip	NTHD4P02FT1G	U101	1	T	NTHD4P02FT1G
	K3102TPCF8B01000005	Charge Chip	TPCF8B01	U101	1	T	
	K31020MF5853C000005	Charge Chip	MF5853C	U101	1	T	
67	K3102856330PR000005	LDO Regulator	LDO 3.0V SOT-23-5	U601	1	M	BL8563-30PRA
	K3102RT919330000005	LDO Regulator	LDO 3.0V SOT-23-5	U601	1	T	RT9193-30PB
	K3102WL200130000005	LDO Regulator	LDO 3.0V SOT-23-5	U601	1	T	WL2001E30
68	K3102RT919328000005	LDO Regulator	LDO 2.8V SOT-23-5	U504	1	M	RT9193-28PB
	K3102BL856328000005	LDO Regulator	LDO 2.8V SOT-23-5	U504	1	T	BL8563-28PRA
69	K310200AD6548000005	GSM Transceiver	AD6548	U202	1	M	AD6548

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70	K3102ORDA6212000015	RF PA	RDA6212+	U201	1	M	
71	K3102K5L2833A000005	Memory Chip	K5L2833ATA-AF66(1.8V)	U301	1	M	K5L2833ATA-AF66
72	K31020MT6223C000005	Base Chip(MCU)	MT6223C	U100	1	M	MT6223C
73	K3102SN4990DI000005	Audio PA	SN4990DIF09E	U400	1	M	SN4990DIF09E
	K3102HWD2190I000005	Audio PA	HWD2190ITL	U400	1	T	
74	K3136260002121	SMT Crystal	26MHZ 3.2*2.5mm	X201 Y500	2	M	7M26000018
	K3136260002133	SMT Crystal	26MHZ 3.2*2.5mm	X201 Y500	2	T	TZ1387A
75	K3136327681320	SMT Crystal	32.768kHz 12.5pF±30ppm	Y100	1	M	MS2V-T1S
	K3136327681321	SMT Crystal	32.768kHz 12.5pF±30ppm	Y100	1	T	SSP-T7
	K3136327681323	SMT Crystal	32.768kHz 12.5pF±30ppm	Y100	1	T	Q13MC1461000200
76	K3102HSB085TK000005	Antena Switch	ESHS-B085TK	U203	1	M	
77	K3102SFH881PQ000005	GSM SAW Filter	850M 1411	U208	1	M	SFH881PQ101/102
	K3102SAFEA881000005	GSM SAW Filter	850M 1411	U208	1	T	SAFEA881MFL0F00R12
78	K3102942PQ101000005	GSM SAW Filter	900M 1411	U207	1	M	SFH942PQ101/102
	K3102H942TDA1000005	GSM SAW Filter	900M 1411	U207	1	T	EFCH942MTDA1
	K3102SAFEA942000005	GSM SAW Filter	900M 1411	U207	1	T	SAFEA942MFL0F00R12
79	K3102G42MQ101000005	GSM SAW Filter	1800M 1411	U206	1	M	SFHG42MQ101/102
	K31021842TDA1000005	GSM SAW Filter	1800M 1411	U206	1	T	EFCH1842TDA1

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	K3102SAFEA1G8000005	GSM SAW Filter	1800M 1411	U206	1	T	SAFEA1G84FA0F00R12
80	K3102SFHG60MQ000005	GSM SAW Filter	1900M 1411	U205	1	M	SFHG60MQ101/102
81	K3134843026110	RF Test Jack	MM8430-2610RB3	U204	1	M	MM8430-2610RB3
	K3134818000100	RF Test Jack	ECT818000001	U204	1	T	
82	K3135036001000	Earphone Jack	3.5MM SMT PJH03-600	J401	1	M	PJH03-600100FA05
83	K3149061518200	SIM Socket	H=1.8 6PIN	SIM300	1	M	SIMD0615-TP18
	K3134020600020	SIM Socket	H=1.8 6PIN	SIM300	1	T	A-SIM06X-002
84	K3134370300060	Battery Socket	3pin 3.7pitch H=5.3mm	J1	1	M	DBB-1034510CZ
85	K3312K23190000	PA Shieding Case	size:10.2X9.2X1.8mm	RF PA	1	M	K2319B-PA-SHIELD
86	K3312K23190001	RF Shieding Case	size:20.7X12.7X1.8mm	RF	1	M	K2319B-RF-SHIELD