

EV531 BOM List

Item	Components	Component Description	Size	Qty	Unit	Position NO.
10	EA01-0000JB-D30	Resistance row(0 Ω \pm 5% 1/16W 4CH 2.0x1.0)	YC124-JR-070RL	3	PCS	(RN701, RN702, RN703)
20	EA01-0331JB-D20	Resistance row(330 Ω \pm 5% 1/16W 4CH 2.0x1.0)	RS4N-331-J	2	PCS	(RN801, RN802)
30	EA01-0331JB-D30	Resistance row(330 Ω \pm 5% 1/16W 4CH 2.0x1.0)	YC124-JR-07330R	2	PCS	
40	EA03-0000JB-B30	Carbon film resistors(0 Ω \pm 5% 1/16W 0402)	RC0402JR-070R	27	PCS	(B101, B201, B202, B204, B806, L501, L502, L506,) (L701, L702, R809, R221, R224, R229, R328, R331,) (R608, R701, R702, R703, R714, R715, R801, R804,) (R806, R814, R815)
50	EA03-0000JB-B50	Carbon film resistors(0 Ω \pm 5% 1/16W 0402)	RTT02000JTH	27	PCS	
60	EA03-0000JF-C30	Carbon film resistors(0 Ω \pm 5% 1/10W 0603)	RC0603JR-070R	2	PCS	(B601, B602)
70	EA03-0000JC-C50	Carbon film resistors(0 Ω \pm 5% 1/10W 0603)	RTT03000JTH	2	PCS	
80	EA03-020SFE-D50	Carbon film resistors(0.2 Ω \pm 1% 1/8W 0805)	RTT05R200FTP	1	PCS	(R212)
90	EA03-020SFE-D30	Carbon film resistors(0.2 Ω \pm 1% 1/8W 0805)	RL0805FR-070R2	1	PCS	
100	EA03-051FJB-B30	Carbon film resistors(5.1 Ω \pm 5% 1/16W 0402)	RC0402JR-075R1	2	PCS	(R333, R334)
110	EA03-0510JB-B30	Carbon film resistors(51 Ω \pm 5% 1/16W 0402)	RC0402JR-0751R	1	PCS	(R604)
120	EA03-0510JB-B50	Carbon film resistors(51 Ω \pm 5% 1/16W 0402)	RTT02510JTH	1	PCS	
130	EA03-0101JB-B30	Carbon film resistors(100 Ω \pm 5% 1/16W 0402)	RC0402JR-07100R	2	PCS	(R401, R402)
140	EA03-0101JB-B50	Carbon film resistors(100 Ω \pm 5% 1/16W 0402)	RTT02101JTH	2	PCS	
150	EA03-0331JB-B30	Carbon film resistors(330 Ω \pm 5% 1/16W 0402)	RC0402JR-07330R	3	PCS	(R808, R811, R813)
160	EA03-0331JB-B50	Carbon film resistors(330 Ω \pm 5% 1/16W 0402)	RTT02331JTH	3	PCS	
170	EA03-0102JB-B30	Carbon film resistors(1K \pm 5% 1/16W 0402)	RC0402JR-071K	15	PCS	(L507, L508, R205, R321, R332, R444, R805, R807,) (R414, R408, R409, R411, R204, R213, R506)
180	EA03-0102JB-B50	Carbon film resistors(1K \pm 5% 1/16W 0402)	RTT02102JTH	15	PCS	
190	EA03-0152JB-B30	Carbon film resistors(1.5K \pm 5% 1/16W 0402)	RC0402JR-071K5	3	PCS	(R410, R412, R413)
200	EA03-0152JB-B50	Carbon film resistors(1.5K \pm 5% 1/16W 0402)	RTT02152JTH	3	PCS	
210	EA03-0472JB-B30	Carbon film resistors(4.7K \pm 5% 1/16W 0402)	RC0402JR-074K7	4	PCS	(R810, R812, R601, R602,)
220	EA03-0472JB-B50	Carbon film resistors(4.7K \pm 5% 1/16W 0402)	RTT02472JTH	4	PCS	
230	EA03-0752JB-B30	Carbon film resistors(7.5K \pm 5% 1/16W 0402)	RC0402JR-077K5	1	PCS	(R208)
240	EA03-0752JB-B50	Carbon film resistors(7.5K \pm 5% 1/16W 0402)	RTT02752JTH	1	PCS	
250	EA03-0103JB-B30	Carbon film resistors(10K \pm 5% 1/16W 0402)	RC0402JR-0710K	1	PCS	(R529)
260	EA03-0103JB-B50	Carbon film resistors(10K \pm 5% 1/16W 0402)	RTT02103JTH	1	PCS	
270	EA03-0153JB-B30	Carbon film resistors(15K \pm 5% 1/16W 0402)	RC0402JR-0715K	1	PCS	(R718)

280	EA03-0153JB-B50	Carbon film resistors(15K \pm 5% 1/16W 0402)	RTT02153JTH	1	PCS	
290	EA03-0243JB-B30	Carbon film resistors(24K \pm 5% 1/16W 0402)	RC0402JR-0724K	2	PCS	(R531, R214)
300	EA03-0243JB-B50	Carbon film resistors(24K \pm 5% 1/16W 0402)	RTT02243JTH	2	PCS	
310	EA03-0390FB-B50	Carbon film resistors(39K \pm 1% 1/16W 0402)	RTT023902FTH	1	PCS	(R231)
320	EA03-0393FB-B30	Carbon film resistors(39K \pm 1% 1/16W 0402)	RC0402FR-0739K	1	PCS	
330	EA03-0473JB-B30	Carbon film resistors(47K \pm 5% 1/16W 0402)	RC0402JR-0747K	4	PCS	(R303, R323, R324, R325)
340	EA03-0473JB-B50	Carbon film resistors(47K \pm 5% 1/16W 0402)	RTT02473JTH	4	PCS	
350	EA03-0513FB-B30	Carbon film resistors(51K \pm 1% 1/16W 0402)	RC0402FR-0751K	1	PCS	(R722)
360	EA03-0513FB-B50	Carbon film resistors(51K \pm 1% 1/16W 0402)	RTT025102FTH	1	PCS	
370	EA03-0104JB-B30	Carbon film resistors(100K \pm 5% 1/16W 0402)	RC0402JR-07100K	7	PCS	(R101, R115, R803, R713, R108, R110, R343)
380	EA03-0104JB-B50	Carbon film resistors(100K \pm 5% 1/16W 0402)	RTT02104JTH	7	PCS	
390	EA03-0334FB-B30	Carbon film resistors(330K \pm 1% 1/16W 0402)	RC0402FR-07330K	1	PCS	(R211)
400	EA03-0334FB-B50	Carbon film resistors(330K \pm 1% 1/16W 0402)	RTT023303FTH	1	PCS	
410	EA06-AVLC5S-000	Varistor(5V, 1A, 50PF, -55 Ω)	AVLC5S02050	18	PCS	(T201, T202, T301, T303, T304, T305, T310, T311,) (T312, T316, T317, T318, T319, T320, T406, T407,) (T421, T422,)
420	EB01-107M20-T70	Tantalum(100uF \pm 20% 6.3V 3.5x2.7x1.0)	F950J107MTAAQ2	1	PCS	(C547)
430	EB02-10FC8A-B20	Ceramic capacitor(1pF \pm 0.25pF 50V COG 0402)	GRM1555C1H1R0CA01D	2	PCS	(C807, C530)
440	EB02-10FC8A-B60	Ceramic capacitor(1pF \pm 0.25pF 50V COG 0402)	CC0402CRNP09BN1R0	2	PCS	
450	EB02-15FC8A-B20	Ceramic capacitor(1.5pF \pm 0.25pF 50V COG 0402)	GRM1555C1H1R5CA01D	3	PCS	(C527, C528, L802)
460	EB02-15FC8A-B60	Ceramic capacitor(1.5pF \pm 0.25pF 50V COG 0402)	CC0402CRNP09BN1R5	3	PCS	
470	EB02-56FC8A-B20	Ceramic capacitor(5.6pF \pm 0.25pF 50V COG 0402)	GRM1555C1H5R6CA01D	1	PCS	(C226)
480	EB02-56FC8A-B60	Ceramic capacitor(5.6pF \pm 0.25pF 50V COG 0402)	CC0402CRNP09BN5R6	1	PCS	
490	EB02-60FC8A-B20	Ceramic capacitor(6pF \pm 0.25pF 50V COG 0402)	GRM1555C1H6R0CA01D	6	PCS	(C819, C516, C517, C519, C520, C548)
500	EB02-60FJ8A-B60	Ceramic capacitor(6pF \pm 0.5pF 50V COG 0402)	CC0402DRNP09BN6R0	6	PCS	
510	EB02-180J8A-B21	Ceramic capacitor(18pF \pm 5% 50V COG 0402)	GRM1555C1H180JA01D	4	PCS	(C224, C206, C207, C228)
520	EB02-180J8A-B60	Ceramic capacitor(18pF \pm 5% 50V COG 0402)	CC0402JRNPO9BN180	4	PCS	
530	EB02-220J8A-B20	Ceramic capacitor(22pF \pm 5% 50V COG 0402)	GRM1555C1H220JA01D	7	PCS	(C408, C803, C542, C543, C549, C552, C540)
540	EB02-220J8A-B60	Ceramic capacitor(22pF \pm 5% 50V COG 0402)	CC0402JRNPO9BN220	7	PCS	
550	EB02-270J8A-B21	Ceramic capacitor(27pF \pm 5% 50V COG 0402)	GRM1555C1H270JA01D	12	PCS	(C411, C412, C413, C418, C419, C420, C421, C422,) (C428, C429, C723, C832)
560	EB02-270J8A-B60	Ceramic capacitor(27pF \pm 5% 50V COG 0402)	CC0402JRNPO9BN270	12	PCS	
570	EB02-330J8A-B20	Ceramic capacitor(33pF \pm 5% 50V COG 0402)	GRM1555C1H330JA01D	6	PCS	(C409, C410, C501, C546, C601, C602)
580	EB02-330J8A-B60	Ceramic capacitor(33pF \pm 5% 50V COG 0402)	CC0402JRNPO9BN330	6	PCS	
590	EB02-560J8A-B20	Ceramic capacitor(56pF \pm 5% 50V COG 0402)	GRM1555C1H560JA01D	1	PCS	(C709)
600	EB02-560J8A-B60	Ceramic capacitor(56pF \pm 5% 50V COG 0402)	CC0402JRNPO9BN560	1	PCS	

610	EB02-680J8A-B20	Ceramic capacitor(68pF $\pm 5\%$ 50V C0G 0402)	GRM1555C1H680JA01D	1	PCS	(C539)
620	EB02-101J8A-B20	Ceramic capacitor(100pF $\pm 5\%$ 50V C0G 0402)	GRM1555C1H101JA01D	2	PCS	(C430, C821)
630	EB02-101J8A-B60	Ceramic capacitor(100pF $\pm 5\%$ 50V C0G 0402)	CC0402JRNPO9BN101	2	PCS	
640	EB02-221J8A-B20	Ceramic capacitor(220pF $\pm 5\%$ 50V C0G 0402)	GRM1555C1H221JA01D	1	PCS	(C553)
650	EB02-221J8A-B60	Ceramic capacitor(220pF $\pm 5\%$ 50V C0G 0402)	CC0402JRNPO9BN221	1	PCS	
660	EB02-102K8D-B20	Ceramic capacitor(1nF $\pm 10\%$ 50V X7R 0402)	GRM155R71H102KA01D	3	PCS	(C242, C243, C825)
670	EB02-102K8D-B60	Ceramic capacitor(1nF $\pm 10\%$ 50V X7R 0402)	CC0402KRX7R9BB102	3	PCS	
680	EB02-223K6D-B20	Ceramic capacitor(22nF $\pm 10\%$ 25V X7R 0402)	GRM155R71E223KA61D	2	PCS	(C838, C839)
690	EB02-223K6D-B60	Ceramic capacitor(22nF $\pm 10\%$ 25V X7R 0402)	CC0402KRX7R8BB223	2	PCS	
700	EB02-104K3C-B20	Ceramic capacitor(100nF $\pm 10\%$ 10V X5R 0402)	GRM155R71A104KA01D	15	PCS	(C426, C427, C431, C432, C308, C336, C550, C606,) (C607, C711, C713, C812, C813, C815, C817)
710	EB02-104K3C-B60	Ceramic capacitor(100nF $\pm 10\%$ 10V X5R 0402)	CC0402KRX5R6BB104	15	PCS	
720	EB02-105K2C-B20	Ceramic capacitor(1uF $\pm 10\%$ 6.3V X5R 0402)	GRM155R60J105KE19D	29	PCS	(C104, C842, C843, C215, C216, C217, C218, C223,) (C230, C231, C209, C214, C574, C579, C227, C235,) (C757, C811, C814, C818, C721, C722, C201, C204,) (C212, C254, C255, C260, C706,)
730	EB02-105K2C-B30	Ceramic capacitor(1uF $\pm 10\%$ 6.3V X5R 0402)	C1005X5R0J105KT	29	PCS	
740	EB02-105K2C-B60	Ceramic capacitor(1uF $\pm 10\%$ 6.3V X5R 0402)	CC0402KRX5R5BB105	29	PCS	
750	EB02-105K7C-C20	Ceramic capacitor(1uF $\pm 10\%$ 16V X5R 0603)	GRM188R61C105KA93	1	PCS	(C205)
760	EB02-225K2C-C20	Ceramic capacitor(2.2uF $\pm 10\%$ 6.3V X5R 0603)	GRM188R60J225KE19D	1	PCS	(C203)
770	EB02-225K2C-C30	Ceramic capacitor(2.2uF $\pm 10\%$ 6.3V X5R 0603)	C1608X5R0J225K	1	PCS	
780	EB02-475K2C-C40	Ceramic capacitor(4.7uF $\pm 10\%$ 6.3V X5R 0603)	JMK107BJ475KA-T	15	PCS	(C138, C202, C213, C219, C221, C237, C252, C301,) (C338, C605, C608, C708, C712, C833, C836,
790	EB02-475K2C-C30	Ceramic capacitor(4.7uF $\pm 10\%$ 6.3V X5R 0603)	C1608X5R0J475K	15	PCS	
800	EB02-475K2C-C22	Ceramic capacitor(4.7uF $\pm 10\%$ 6.3V X5R 0603)	GRM188R60J475KE19D	15	PCS	
810	EB02-106K2C-D60	Ceramic capacitor(10uF $\pm 10\%$ 6.3V X5R 2.0*1.25*1.45)	CC0805KKX5R5BB106	4	PCS	(C406, C407, C414, C434)
820	EB02-106K2C-D30	Ceramic capacitor(10uF $\pm 10\%$ 6.3V X5R 2.0*1.25*1.45)	C2012X5R0J106K	4	PCS	
830	EB02-226M2C-D60	Ceramic capacitor(22uF $\pm 20\%$ 6.3V X5R 2.0*1.25*1.45)	CC0805MKX5R5BB226	3	PCS	(C250, C251, C719)
840	EB02-226M2C-D30	Ceramic capacitor(22uF $\pm 20\%$ 6.3V X5R 2.0*1.25*1.45)	C2012X5R0J226M	3	PCS	
850	EB02-226M2C-D40	Ceramic capacitor(22uF $\pm 20\%$ 6.3V X5R 2.0*1.25*1.35)	JMK212BJ226MG-T	3	PCS	
860	EC02-27HSB1-000	Inductance (laminated 2.7nH ± 0.3 nH 0402)	LQG15HS2N7S02D	1	PCS	(C510)
870	EC02-27HSB2-000	Inductance (laminated 2.7nH ± 0.3 nH 0402)	SDCL1005C2N7STDF	1	PCS	
880	EC02-33HSB1-000	Inductance (laminated 3.3nH ± 0.3 nH 0402)	LQG15HN3N3S02D	3	PCS	(L511, L513, L532)
890	EC02-33HSB2-001	Inductance (laminated 3.3nH ± 0.3 nH 0402)	SDCL1005C3N3STDF	3	PCS	
900	EC02-39HSB1-000	Inductance (laminated 3.9nH ± 0.3 nH 0402)	LQG15HS3N9S02D	1	PCS	(L505)
910	EC02-39HSB2-001	Inductance (laminated 3.9nH ± 0.3 nH 0402)	SDCL1005C3N9STDF	1	PCS	

920	EC02-91HJB1-000	Inductance (laminated 9.1nH ±5% 0402)	LQG15HS9N1J02D	1	PCS	(L803)
930	EC02-91HJB2-000	Inductance (laminated 9.1nH ±5% 0402)	SDCL1005C9N1JTDF	1	PCS	
940	EC02-10TJB1-001	Inductance (laminated 10nH ±5% 0402)	LQG15HS10NJ02D	1	PCS	(L533)
950	EC02-15TJB1-001	Inductance (laminated 15nH ±5% 0402)	LQG15HS15NJ02D	2	PCS	(L540, C820)
960	EC02-15THB2-000	Inductance (laminated 15nH ±5% 0402)	SDCL1005C15NJTF	2	PCS	
970	EC05-BLM15B-004	Beads(1K/100MHz 0.9Ω 200mA 0402)	BLM15BD102SN1D	7	PCS	(B301, B302, B303, B402, B403, B404, B411)
980	EC05-BLM18P-001	Beads(180Ω/100MHz 0.09Ω 1500mA 0603)	BLM18PG181SN1D	2	PCS	(B401, B405)
990	EC05-P21608-001	Beads(180Ω/100MHz 0.09Ω 1500mA 0603)	PZ1608U181-1R5TF	2	PCS	
1000	EC05-BLM18D-000	Beads(2.5K/100MHz 1.5Ω 50mA 0603)	BLM18BD252SN1D	1	PCS	(L331)
1010	EC05-BLM15A-001	Beads(120Ω/100MHz 0.25Ω 500mA 0402)	BLM15AG121SN1	2	PCS	(B801, B802)
1020	ED01-PZ3D4V-000	Zener diode, 500mw, SOD323	PZ3D4V2H	1	PCS	(D201)
1030	ED02-PT236T-000	Charge transistor(PNP) Ic:3A	PT236T30E2	1	PCS	(U200)
1040	ED01-LXES1U-000	Bidirectional TVS tube (0.5pf)	LXES1UBBB1-008	2	PCS	(T801, T802)
1050	ED01-ESD9X5-000	TVS tube	ESD9X5V	4	PCS	(T401, T403, T603, T604)
1060	ED05-PNM723-000	MOSFET tube(N-Channel 150mW SOT723)	PNM723T703E0-2	1	PCS	(Q201)
1070	ED05-SSM3K3-000	MOSFET tube(N-Channel 150mW SOT-23)	SSM3K35MFV	1	PCS	
1080	EE01-SAFEA8-000	Filter	SAFEA881MFLOF00R14	1	PCS	(Z502)
1090	EE01-SAWEN1-000	FilterRX SAW(1800/1900)	SAWEN1G84CV0F00R14	1	PCS	(SAW502)
1100	EE01-FB2012-000	BAND PASS BALUN 2.4G lin2out 2.0×1.2	FB2012-06N2R4MTILF	1	PCS	(U703)
1110	EE01-LFB212-001	BAND PASS BALUN 2.4G lin2out 2.0×1.2	LFB212G45BB1D126	1	PCS	
1120	EF07-MT6612-001	Bluetooth chip	MT6612BN/A	1	PCS	(U705)
1130	EF01-RF7176-000	RF PA (4 Band)	RF7176	1	PCS	(U502)
1140	EF06-E3SB26-005	Crystal oscillator (high-frequencyCX026MHz 3.2×2.5)	E3SB26.0000F7GS11M	1	PCS	(U203)
1150	EF06-Q13MC1-001	XTAL 32.768KHz 12.5PF±20PPM 1.4*6.9*1.31	Q13MC1462000200	1	PCS	(X201)
1160	EF06-SSPT70-001	XTAL 32.768KHz 12.5PF±20PPM 1.4*6.9*1.31	SSP-T7(32.768KHZ)- 12.5PF)±20PPM	1	PCS	
1170	EG01-MX25U6-000	Memory(64+0)	MX25U6435EZNI-10G	1	PCS	(U301)
1180	EG08-MT6252-001	Main chip baseband	MT6252A/D	1	PCS	(U101)
1200	EG09-WL2003-000	IC(Power supply(LDO) 2.8V Iout=300mA SOT23-5	WL2003E28-5/TR	1	PCS	(U802)
1210	EH01-LTW020-000	Light-emitting diode	LTW-020ZDCG-E1	2	PCS	(D601, D602)
1220	EI03-UAF041-001	I/O Connector(10pin)	UAF04-10374-1507	1	PCS	(J302)
1230	EI07-BTY023-000	Battery connector	BTY02-3K40221	1	PCS	(J201)
1240	EI05-SIM046-001	SIM card connector	SIM04-6K33210	2	PCS	(J502, J503)
1250	EI23-SGTFS0-000	T-FLASH card connector	SG-TFS-0001	1	PCS	(J301)
1260	N207-A02000-000	EV531-01 BB Shield		1	PCS	(S2)
1280	N102-A02A00-110	EV531_V1.0 PCB	V1.0	1	PCS	

1290	P325-000000-100	Barcode label number board		1	PCS	
1300	P316-000000-001	MES System temperature label (27*8)		0.5	PCS	
10	M109-578210-200	EV530 Surface shell assembly / ceramic white		1	PCS	
20	M111-A02550-100	EV531-01B Bottom components		1	PCS	
30	M301-C56210-000	EV531-01B-VENEZUELA Key components of the main		1	PCS	
40	M202-C56210-200	EV531-01B-VENEZUELA The main screen lens		1	PCS	
50	M205-578130-000	EV530 Camera lens		2	PCS	
90	N302-A02001-110	EV531-01B GSM Antenna/850/1800/1900		1	PCS	
100	N305-A02000-010	EV531-01B BT Antenna		1	PCS	
110	N300-578000-000	EV530 Antenna combinations (three-pole)		1	PCS	
120	M711-578131-000	EV530 Handset dust Network		2	PCS	
140	M711-578131-001	EV530 Speaker Dust Network / Black		1	PCS	
160	M709-578001-000	EV530 LCD Foam		4	PCS	
210	M709-A02000-003	EV531-01B Microphone foam pad (D3.2*0.7)		2	PCS	
230	M709-578001-005	EV530 Sealing foam speaker bracket		2	PCS	
250	M715-578001-001	EV530 Gum camera lens		2	PCS	
270	M501-221105-000	E123 Self-tapping screws ST1.4X0.3X3.5L		4	PCS	
280	M501-221105-010	E123 Self-tapping screws ST1.4X0.3X3.5L		4	PCS	
290	M501-221102-000	Self-tapping screws ST1.4X0.30X3.0L		2	PCS	
410	M701-578000-001	EV530 LCD Insulating tape		2	PCS	
490	M721-619000-000	EM802 DOME Gasket	3.5X3.5X0.1	2	PCS	
510	P316-096000-100	Waterproof stickers		1	PCS	
100	P104-537000-000	E950 1000MAH Lithium ion battery		2	PCS	
130	P101-004000-001	charger	C325A50070	1	PCS	
150	P106-232000-201	10PIN earphone (1	PCS	
170	P103-232130-011	10PIN Data line		1	PCS	
10	N401-578000-001	EV530 LCD	TFT1P5512	1	PCS	
20	N701-917000-021	E513 Camera	HX456601D-2P3J1	1	PCS	
30	N501-639000-100	EM750 Speaker	0023-01023	1	PCS	
40	N502-136000-110	E300 Shrapnel-type handset	1506-02985	1	PCS	
60	N901-680000-000	E760 Flat motor		1	PCS	