

SOLJAM BOM List

NO.	DESCRIPTION	SPECIFICATIONS	QTY	LOCATION
1	INSERT SPEAKER	4 OHM 10W 2.0 INCH SQUARE WATERPROOF MXY50-505X04	2	SPK1,SPK2
2	INSERT SUB-WOOFER	SPEAKER SUB-WOOFER 90X60X1.2MM WATERPROOF	1	
3	INSERT WAFER	2PIN P:2.5mm JSL	1	J18
4	INSERT WAFER	2PIN P:2.5mm ANGLE BLACK COLOR	1	J1
5	INSERT WAFER	2PIN P:2.5mm ANGLE	1	J3
6	INSERT MIC	LYS-M6027-FOL371(-34dB) WITH TWIST WIRE L=100mm WATERPROOF WY	1	FOR MIC1
7	INSERT CONNECTOR ASS'Y	2PIN P:2.5mm L:100.0mm RED/BLACK JSL	1	FOR SPEAKER RIGHT
8	INSERT CONNECTOR ASS'Y	2PIN P:2.5mm L:100.0mm RED/BLACK JSL PLASTIC BLACK COLOR	1	FOR SPEAKER LEFT
9	INSERT WAFER	1LINE 7PIN P:2.0mm JSL	1	J15
10	INSERT WAFER	2 PIN P:2.0mm ANGLE INSERT	1	MIC1
11	INSERT WAFER	1LINE 7PIN P:2.0mm BLACK COLOR	1	J4
12	INSERT MODULE	SOLAR PANNEL SUNCORE	1	
13	INSERT MODULE	SOLAR CONTROLLER SUNCORE	1	
14	INSERT E/CAPACITOR	E.CAP 470uF 16V 8*13 P:2.5mm	2	C11 C85
15	INSERT E/CAPACITOR	E.CAP 100uF 10V 6.5*8 P:2.5mm	2	C40 C79
16	INSERT CONNECTOR ASS'Y	2PIN P:2.5mm L:60.0mm RED/BLACK JSL	1	J20/ FROM SOLAR CONTROLLER
17	INSERT CONNECTOR ASS'Y	2PIN P:2.0mm L:100.0mm RED/BLACK JSL	1	SOLAR CONTROLLER TO SOLAR PANNEL
18	PCB	SOLJAM_MAIN_REV.A1(2LAYER FR4/1.6T/114.0X59.0mm)08DEC2015 HASL)	1	
19	CHIP IC	AMP FT2820 TSSOP-20L	2	U1 U3
20	CHIP IC	MC81F4104S SSOP-10 FOR SOLJAM	1	U9
21	CHIP IC	PT2308 SOP8 150MIL	1	U5
22	CHIP IC	XC6206P282MR SOT23	2	U2 U15
23	CHIP IC	AP2127N-2.8TRG1 SOT23	0	U2 U15
24	CHIP USB CHARGER	BQ24295(S-PVQFN-N24)	1	U8
25	CHIP IC	LM2665M6/NOPB SOT-23(6)	1	U4
26	CHIP IC	BD3490FV SSOP-B28	1	U6
27	CHIP DIODE	SHOTTKY FM140-M SOD-123	1	D6
28	CHIP INDUCTOR	VL4020T-2R2N1R7(2.2uH)4X4X2MM	1	L3
29	CHIP INDUCTOR	NRS4018T2K2MDGJ 2.2A	0	L3
30	INSERT MODULE	BLUETOOTH DKM-08K 21X15X2.5MM SOLJAM CSR8635	1	U7
31	CHIP CAPACITOR	C1608 COG 1pF +/-0.25pF 16V	1	C157
32	CHIP CAPACITOR	C1608 COG 10pF +/-0.5pF 16V	20	C5 C27 C33 C34 C38 C42 C44 C45 C46 C47 C49 C50 C51 C52 C60 C61 C64 C70 C100 C101
33	CHIP CAPACITOR	C1608 COG 15pF +/-0.5pF 16V	2	C1 C158
34	CHIP CAPACITOR	C1608 X7R 1000pF +/- 10% 16V	6	C8 C10 C68 C71 C87 C88
35	CHIP CAPACITOR	C1608 X7R 4700pF +/- 10% 16V	3	C117 C118 C125
36	CHIP CAPACITOR	C1608 X7R 0.01uF +/-10% 16V	2	C130 C131
37	CHIP CAPACITOR	C1608 X7R 0.047uF +/-10% 16V	1	C48
38	CHIP CAPACITOR	C1608 Y5V 0.1uF +80/-20% 16V	16	C3 C4 C6 C15 C16 C26 C28 C72 C77 C78 C86 C119 C120 C121 C122 C123
39	CHIP CAPACITOR	C1608 Y5V 1uF +/-20% 25V	19	C2 C13 C17 C19 C29 C30 C31 C32 C35 C36 C63 C82 C83 C89 C90 C106 C107 C112 C113
40	CHIP CAPACITOR	C1608 Y5V 2.2uF +/-20% 25V	8	C41 C43 C80 C81 C115 C116 C159 C160
41	CHIP CAPACITOR	C1608 Y5V 3.3uF +/-20% 10V	1	C102
42	CHIP CAPACITOR	C1608 Y5V 4.7uF +/-20% 25V	1	C55
43	CHIP CAPACITOR CERAMIC	MLCC Y5V 10uF +80/-20% 25V 0805	22	C7 C9 C12 C14 C18 C20 C21 C22 C23 C24 C25 C37 C56 C57 C59 C76 C39 C84 C95 C96 C114 C124
44	CHIP RESISTOR	R1608 1/10WJ 0 ohm	6	R5 R6 R31 C58 R133 R134
45	CHIP RESISTOR	R1608 1/10WJ 6.8 ohm +/- 5%	1	R77
46	CHIP RESISTOR	R1608 1/10WJ 10 ohm +/- 5%	3	R8 R12 R53
47	CHIP RESISTOR	R1608 1/10WJ 316 ohm	1	R42
48	CHIP RESISTOR	R1608 1/10WJ 1K ohm +/- 5%	2	R66 R83
49	CHIP RESISTOR	R1608 1/10WJ 2.2K ohm +/- 5%	1	R119
50	CHIP RESISTOR	R1608 1/10WJ 4.7K ohm +/- 5%	4	R39 R41 R90 R102
51	CHIP RESISTOR	R1608 1/10WJ 5.6K ohm +/- 5%	1	R104

52	CHIP RESISTOR	R1608 1/10WJ 10K ohm +/- 5%	18	R11 R18 R24 R25 R26 R27 R28 R29 R30 R34 R35 R40 R44 R45 R46 R47 R49 R50
53	CHIP RESISTOR	R1608 1/10WJ 22K ohm +/- 5%	1	R91
54	CHIP RESISTOR	R1608 1/10WJ 33K ohm +/- 5%	4	R2 R63 R67 R68
55	CHIP RESISTOR	R1608 1/10WJ 47K ohm +/- 5%	1	R36
56	CHIP RESISTOR	R1608 1/10WJ 56K ohm +/- 5%	1	R64
57	CHIP RESISTOR	R1608 1/10WJ 68K ohm +/- 5%	1	R37
58	CHIP RESISTOR	R1608 1/10WJ 100K ohm +/- 5%	3	R57 R59 R65
59	CHIP INDUCTOR	HR160815NS-T (15NH +/- 0.3NH)	1	L1
60	CHIP SOCKET	FH12-18S-0.5SH	1	J7
61	CHIP BEAD	FBMH2012HM221-T	4	BD5 BD6 BD7 BD8
62	CHIP TRANSISTOR	KRC106S SOT-23	6	Q3 Q5 Q6 Q7 Q12 Q13
63	CHIP TRANSISTOR	KRA106S SOT-23	3	Q1 Q2 Q8
64	CHIP DIODE	KDS184 SOT-23	1	D3
65	CHIP DIODE	BAV70-7-F SOT-23	0	D3
66	PCB	SOLJAM_KEY_0(2LAYER FR4/1.6T/15.0X134.0mm)25SEP2015 HASL)	1	
67	CHIP TACT SWITCH	TACT SWITCH 5.2 X 5.2 H=1.6mm	8	SW1 SW2 SW3 SW4 SW5 SW6 SW7 SW8
68	CHIP RESISTOR	R1608 1/10WJ 680 ohm +/- 5%	2	R7 R60
69	CHIP RESISTOR	R1608 1/10WJ 2.2K ohm +/- 5%	1	R10
70	CHIP RESISTOR	R1608 1/10WJ 5.6K ohm +/- 5%	1	R51
71	CHIP RESISTOR	R1608 1/10WJ 100 ohm	6	R4 R15 R16 R48 R52 R54
72	CHIP RESISTOR	R1608 1/10WJ 10K ohm +/- 5%	6	R3 R9 R19 R20 R33 R38
73	CHIP LED	2012 BLUE LED	6	LED2 LED3 LED4 LED5 LED6 LED7
74	CHIP LED	2012 RED LED	1	LED8-R
75	CHIP LED	2012 GREEN LED	2	LED1 LED8-G
76	CHIP TRANSISTOR	KRC106S SOT-23	1	Q4
77	CHIP SOCKET	FH12-18S-0.5SH	1	J13
78	INSERT FPC/FFC CABLE	18P 0.5mm Pitch Bottom Contact 0.18mm L=110MM	1	FOR KEY PCB
79	INSERT CONNECTOR ASS'Y	1LINE 5PIN P:2.0mm L:100.0mm	1	J14
80	INSERT CONNECTOR ASS'Y	2PIN P:2.0mm L: 100.0mm white	1	J17
81	PCB	MICRO&SWITCH_SOLJAM_0(2LAYER FR4/1.6T/15.0X34.0mm)25SEP2015 HASL	1	
82	INSERT SWITCH SLIDE	SK-12F14G4(1P2T) LENGTH=4.0MM ON/OFF SWITCH	1	SW9
83	CHIP USB SOCKET	SOCKET USB-MICRO WITH FOUR FIX FEETS	1	USB2
84	INSERT CONNECTOR ASS'Y	1LINE 7PIN P:2.0mm L:100.0mm	1	J12
85	CHIP RESISTOR	R1608 1/10WJ 100 ohm	1	R23
86	CHIP CAPACITOR	C1608 X7R 1000pF +/- 10% 16V	1	C74
87	PCB	AUX&USB_SOLJAM_0(2LAYER FR4/1.6T/15.0X35.0mm)25SEP2015 HASL)	1	
88	INSERT USB SOCKET	USB-4AW DIP 13.5*6.95MM 180 DEGREE	1	USB1
89	INSERT CONNECTOR ASS'Y	1LINE 7PIN P:2.0mm L:100.0mm BLACK COLOR	1	J11
90	INSERT PHONE JACK	TSH-3894 DIP	1	AUX1
91	INSERT PHONE JACK	PJ-432A	0	AUX1
92	CHIP RESISTOR	R1608 1/10WJ 43K ohm +/- 5%	1	R1
93	CHIP RESISTOR	R1608 1/10WJ 75K ohm +/- 5%	1	R62
94	CHIP RESISTOR	R1608 1/10WJ 49.9K ohm +/- 5%	2	R75 R76
95	CHIP CAPACITOR	C1608 X7R 1000pF +/- 10% 16V	1	C75
96	INSERT BATTERY	LITHUM LION 18650 3.7V 2600MA WIRE=85MM	1	
97		USB TR MICRO CABLE 5P L=1.0 METERS JST-DC109-1M	1	
98		USB TR MICRO CABLE 5P L=1.0 METERS YME-CHD1000F	0	
99	INSERT USB POWER ADAPTOR	5V DC 1000mA USA WALL ADAPTER ONLY FOR HEAD GA050100	1	