

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	VLF4020T-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 C27 C29 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 USBSOCKET	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	