

SUNLIGHT ELECTRONIC TOYS MFG CO. LTD.

Bill of Material

Item No: 396697

Item Name: Moxie FM Wireless Microphone

Client: MGA

Date: 2009/09/30

NO	New	Part Number	Part Name	SPEC	Weight	Unit	Remark
2.1	*	PBFD-396697CPA1-200	PCB	396697-A1 Single PCB ,Blue ROHS,SIZE:58X16X1.6mm,	2.3g	1	PCBA
2.2		RSSM-0000250603-200	Resistance	(1R) RESISTOR 1 ohm 1/8W +/-5% 0603		1	R01
2.3		RSSM-1010250603-200	Resistance	(100) RESISTOR 100 ohm 1/8W +/-5% 0603		3	R4.R9.R11
2.4		RSSM-3310250603-200	Resistance	(330) RESISTOR 330 ohm 1/8W +/-5% 0603		1	R12
2.5		RSSM-1520250603-200	Resistance	(1.5K) RESISTOR 1.5K ohm 1/8W +/-5% 0603		1	R3
2.6		RSSM-4720250603-200	Resistance	(4.7K) RESISTOR 4.7K ohm 1/8W +/-5% 0603		2	R8.R13
2.7		RSSM-1030250603-200	Resistance	(10K) RESISTOR 10K ohm 1/10W +/-5% 0603		2	R2.R14
2.8		RSSM-2230250603-199	Resistance	(22K) RESISTOR 22K ohm 1/8W +/-5% 0603		1	R1
2.9		RSSM-4730250603-200	Resistance	(47K) RESISTOR 47K ohm 1/8W +/-5% 0603		2	R5.R6
2.10'		RSSM-4740250603-200	Resistance	(470K) RESISTOR 470K ohm 1/8W +/-5% 0603		1	R7
2.11		RSSM-1050250603-200	Resistance	(1M) RESISTOR 1M ohm 1/8W +/-5% 0603		1	R10
2.12		CPSM-30A0560603-200	Capacitance	(3pF) CHIP CAP 3pF 50V +/-0.5pF NPO-55+125°C 0603		2	C7,C15
2.13		CPSM-80A0510603-200	Capacitance	(8pF) CHIP CAP 8pF 50V +/-5% NPO-55+125°C 0603		1	C4
2.14		CPSM-1000510603-200	Capacitance	(10pF) CHIP CAP 10pF 50V +/-5% 0603		1	C6
2.15		CPSM-3000510603-200	Capacitance	(30pF) CHIP CAP 30pF 50V +/-5% 0603		1	C2
2.16		CPSM-3300510603-200	Capacitance	(33pF) CHIP CAP 33pF 50V +/-5% 0603		1	C9
2.17		CPSM-2700510603-200	Capacitance	(27pF) CHIP CAP 27pF 50V +/-5% 0603		1	C3
2.18		CPSM-1020530603-200	Capacitance	(102) CHIP CAP 1000pF 50V +/-20% 0603		3	C1.C11.C12
2.19		CPSM-2030340603-200	Capacitance	(203) CHIP CAP 0.02uF 25V +80% -20% 0603		2	C8,C14
2.20		CPSM-4730330603-200	Capacitance	(473) CHIP CAP 0.047uF 25V +/-20%		1	C10
2.21		TRSM-9014C01-200	Triode	TRANSISTOR 9014C packaging SOT-23		1	Q3
2.22		TRSM-9015B01-200	Triode	TRANSISTOR 9015B packaging SOT-23 3K/pc		1	Q2
2.23		TRSM-9018H01-200	Triode	TRANSISTOR 9018H packaging SOT-23; Mark:J8		1	Q1
2.24		CPSM-1500510603-200	Capacitance	(15pF) CHIP CAP 15pF 50V +/-5%		1	C5
2		CPEL-4750530407-200	Capacitance	(4.7uF) E.CAP 4.7uF 50V +/-20%		1	C13

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NO	New	Part Number	Part Name	SPEC	Weight	Unit	Remark
3		JWCR-050012072D-200	Red Wire	JUMPER WIRE 50mmx0.12x7 RE OD1.0~1.1mm	0.13g	1	BAT+
4	*	JWCR-100012070D-200	Black Wire	JUMPER WIRE 100mmx0.12x7 BK OD1.0~1.1mm	0.13g	1	BAT-
5	*	JWCR-150012076D-200	Blue Wire	JUMPER WIRE 150mmx0.12x7 Blue OD 1.0~1.1mm	0.15g	1	MIC+
6	*	JWCR-150012075D-200	Green Wire	JUMPER WIRE 150mmx0.12x7 Green OD 1.0~1.1mm	0.15g	1	MIC-
7		SWSM-MK12C02T-200	Switch	Switch MSK-12C01G1.5	0.071g	1	SW1 (ON/Off)
8		CPVC-2000510605-200	Capacitance	Variable CAP 20pF 50V +/-5% SIZE: 6 x 5mm	0.038g	1	VR1A
9		CLAR-04250450-200	FM COIL	COIL ID 2.5mm Thick 0.4mm x 4.5	0.056g	1	L1
10		CLAR-04250800-200	FM COIL	COIL ID 2.5mm Thick 0.4mm x8	0.08g	1	L2
11		CLAR-04412250-200	FM COIL	Foil ID 4.1mm Thick 0.4mm x 22.5	0.43g	1	L3
12	*	DICN-FV1043-200	Variable CAP Diode	Variable CAP Diode FV1043	0.12g	1	D2
13		MICP-5422060050-200	MIC	54Db(+/-2Db) D=6.0 x H=5mm	1g	1	MIC
14	*	CLAR-044103210-200	FM COIL	Foil ID 10.3mm Thick 0.4mm x 21	1g	1	L4

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