

SPECIALTHING INTERNATIONAL CO, LTD  
BOM

Item/Model Numer	HP-53BRJ/TOUGH SOUNDS	Date	2014-8-27
Description	AM/FM Radio with Bluetooth and Aux-in Jack	Version	V1.1

S/N	SPG Part Number	Description	Qty	Unit
E-BOM				
E001	BJ-HP53BRJMR0-L024	P.C.B. - Main Board	1	PC
E002	BJ-HP52BRJAMP-L022	P.C.B. - Amplify	1	PC
E003	BJ-HP53BRJCB0-L022	P.C.B. - Bluetooth	1	PC
E004	UL-TA2120FNG0-L050	Amplifier IC	1	PC
E005	UC-ZC1158F002-L010	MCU	1	PC
E006	UR-KT09330000-L010	Radio IC	1	PC
E007	UM-AT24C02000-L010	Memory IC	1	PC
E008	UL-D480000000-L010	Amplifier	1	PC
E009	UV-6206312000-L040	Voltage Regulator	1	PC
E010	UV-6206332000-L040	Voltage Regulator	1	PC
E011	UV-SE90170000-L030	Voltage Regulator	1	PC
E012	AP-BTMY81SPK2-L010	Bluetooth Module	1	PC
E013	JA-CKX3507000-L010	Auxiliary Port	1	PC
E014	DL-0320200002-L010	LED	1	PC
E015	RV-A50KL15F08-L020	Variable Resistor	1	PC
E016	QA-SI23010000-L010	SMD Transistor	1	PC
E017	QA-SI23020000-L010	SMD Transistor	4	PCS
E018	QA-8550000000-L010	SMD Transistor	1	PC
E019	QA-9018000000-L010	SMD Transistor	1	PC
E019	QA-9014C00000-L010	SMD Transistor	1	PC
E020	QM-BC847B0000-L010	SMD Transistor	1	PC
E021	DY-SS14000000-L010	SMD Diode	1	PC
E022	EX-3200125201-L010	Crystal	2	PCS
E023	EX-1100200200-L010	Crystal	1	PC
E024	JM-MINIUSBA02-L010	MINI USB Socket	1	PC
E025	RJ-0R16506030-L010	SMD Resistor	3	PCS
E026	RJ-4R71650603-L010	SMD Resistor	2	PCS
E027	RJ-10R1650603-L010	SMD Resistor	2	PCS
E028	RJ-1021650603-L010	SMD Resistor	14	PCS
E030	RJ-1521650603-L010	SMD Resistor	2	PCS
E030	RJ-2521650603-L010	SMD Resistor	3	PCS
E031	RJ-4571650603-L010	SMD Resistor	1	PC
E032	RJ-1031650603-L010	SMD Resistor	17	PCS
E034	RJ-1531650603-L010	SMD Resistor	2	PCS
E034	RJ-1831650603-L010	SMD Resistor	3	PCS
E035	RJ-2231650603-L010	SMD Resistor	4	PCS
E036	RJ-6831650603-L010	SMD Resistor	4	PCS
E036	RJ-8231650603-L010	SMD Resistor	2	PCS
E037	RJ-1041650603-L010	SMD Resistor	4	PCS
E037	RJ-1541650603-L010	SMD Resistor	1	PC
E038	RJ-3641650603-L010	SMD Resistor	1	PC
E039	RJ-1051650603-L010	SMD Resistor	4	PCS
E040	CC-2025V50603-L010	SMD Cap	4	PCS
E040	CC-2425V50603-L010	SMD Cap	2	PCS
E041	CC-3025V50603-L010	SMD Cap	1	PC
E042	CC-3325V50603-L010	SMD Cap	2	PCS
E043	CC-10125V5603-L010	SMD Cap	5	PCS
E044	CC-22125V5603-L010	SMD Cap	1	PC
E045	CC-10325V5603-L012	SMD Cap	3	PCS
E046	CC-47325V5603-L012	SMD Cap	2	PCS
E047	CC-10425V2603-L012	SMD Cap	22	PCS
E048	CC-1056V32603-L012	SMD Cap	16	PCS
E049	CC-22510V2805-L012	SMD Cap	1	PC

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E050	CC-47510V2805-L012	SMD Cap	2	PCS
E051	CC-1066V32603-L012	SMD Cap	10	PCS
E049	CC-22610V2805-L012	SMD Cap	1	PC
E052	LU-4752000603-L010	SMD Inductance	1	PC
E053	CA-4766V30407-L010	Electrolytic Capacitor	4	PCS
E054	CA-1076V30607-L010	Electrolytic Capacitor	1	PC
E054	CA-2276V30607-L010	Electrolytic Capacitor	3	PCS
E055	LY-1102400000-L020	AM Coil	1	PC
E056	HA-0308400000-L010	AM Bar	1	PC
E057	JS-1509900000-LO1O	Receptacle Connector 1.5mm 9P 90°	1	PC
E058	JS-1511180000-LO1O	Receptacle Connector 1.5mm 11P 180°	1	PC
E059	JS-2014180000-LO1O	Receptacle Connector 2mm 14P 180°	1	PC
E060	JS-2012900000-LO1O	Receptacle Connector 2mm 12P 90°	1	PC
E061	WE-1509608100-LO10	Plug Flat Cable P1.5mm 9P FFC L 60mm	1	PC
E062	WE-1511608100-LO10	Plug Flat Cable P1.5mm 11P L 60mm	1	PC
E063	EC-4336402218-L010	LCD	1	PC
E064	EP-36320W1100-L010	Speaker	2	PCS
E065	WN-16C2021214-R010	16-wire Cable	1	PC
E066	WS-3004020000-L010	PVC WIRE	1	PC
E067	WS-3004000000-L010	PVC WIRE	1	PC
E068	WS-3010020000-L010	PVC WIRE	2	PCS
E069	WS-3010000000-L010	PVC WIRE	2	PCS
E070	WS-2608090000-L010	PVC WIRE	1	PC
E071	ET-6052200000-L020	Microphone	1	PC
E072	NT-0616500000-L010	Heat Shrink Tubing	1	PC
E073	PS-3M44391000-L011	3M Tape	1	PC
E074	EB-6025353V75-U020	Polymer Li-ion Battery	1	PC
M-BOM				
M001	MQ-53170091001-L010	FM Antenna	1	PC
M002	MU-HP40K-L020	Headband Metal Frame	1	PC
M003	MJ-HP40K-L020	Headband Bracket	2	PCS
M004	MD-PA205035-L010	Screw	6	PCS
M005	MD-PWB173045-L010	Screw	4	PCS
M007	MD-BA231040-L010	Screw	8	PCS
M008	MD-PWA266055-L010	Screw	1	PC
M009	MD-PB144025-L010	Screw	6	PCS
M010	NA-HP53KIONL010-L030	Ear Cup "L"	1	PC
M011	NA-HP53KR010-L030	Ear Cup "R"	1	PC
M012	NB-HP51KL000-L030	Middle Cabinet "L"	1	PC
M013	NB-HP51KR000-L030	Middle Cabinet "R"	1	PC
M014	NB-HP51K0-L030	Bottom Plate	2	PCS
M015	NS-HP53K10-L030	Volume Knob	1	PC
M016	NE-HP40KL0-L030	Bracket Holder "L"	2	PCS
M017	NE-HP40KR0-L030	Bracket Holder "R"	2	PC
M018	NF-HPS45K0-LO3O	FM Antenna Cap	1	PC
M019	NG-399010-L030	Speaker Cover	2	PCS
M020	NH-HP51K0-LO30	AM Bar Holder	1	PC
M021	NM-HP53K1-L033	Display Len	1	PC
M022	NN-HP53KM0-L010	Battery Plate	1	PC
M023	NL-HP51K0-L030	LCD Holder	1	PC
M024	NT-751700-L010	Washer	1	PC
M025	NX-HP51K01-L010	Silicon Decoration Plate	2	PCS
M026	NX-HP53K0-L011	Silicon Button	2	PCS
M027	NX-HP53K01-L010	On/Off Switch Membrane	2	PCS

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M028	NX-2020-L010	Conductive Foam Tape	1	PC
M029	NX-HP40K8-L010	Sponge	2	PCS
M030	NX-HP40K01-L010	Headband Cushion	1	PC
M031	NX-HP40K0-L010	Ear Cushion	2	PCS
M032	PS-3M30000-L010	3M Tape	1	PC