

PCBA Bill of Material

Model No.: WIH400B      Product Name: Commercial Induction Range    Rating: 208V/240V~60Hz ~2900W/3300W  
 Version: USA                      Edition: A                      Revised Date: 2014-7-29                      Page 1 of 4

Item No.	Part Name	Description / Model No. / Rating	Designation	Qty	Manufacturer	Approval & File No.
1	jumper	7.5mm	J1,J3,J8,J9,J11-J18	12	Shunde weiguofa electric Co.,Ltd.	
		15.2mm	J2	1		
		20mm	J10	1		
		10mm	J4-J7	4		
2	resistor	1/4W 20K	R16	1	Shenzhen jinghe Electronics CO.LTD	
		1/4W 7K5	R15	1		
		1/4W 3K	R34	1		
		1/4W 2K5	R33	1		
		1/4W 22K Ω	R19	1		
		1/4W 3K	R32	1		
		1/4W 30K	R25,R27	2		
		1/4W 120 Ω	R17	1		
		1/4W 10K	R21,R23	2		
		1/4W 1K	R3,R4,R18	3		
		1/4W 4K7	R22,R30	2		
		1/4W 68K	R31	1		
		1/4W 820 Ω	R11	1		
		1/4W 47 Ω	R24,R26	2		
		1W 22 Ω	R12	1		
		1W 270K	R7,R2	2		
		1W 820K	R13,R14	2		
1W 470K	R5,R6,R9,R10	4				

3	diode	UF4007	D8,D4	2	Tritech semiconductor co.,ltd	
		IN4007	D2,D3,D5,D6,D11, D12	6		
		BYV26C	D1	1		
4	diode	18V	Z1	1	Tritech semiconductor co.,ltd	
5	Transistor	2N3906	Q4	1	Tritech semiconductor co.,ltd	
		SS8050	Q1, Q3, Q5, Q6, Q7	5		
6	PCB	CEM-1	SZ-L5(CEM-1) 267. 4x152. 8mm REV:12. 12. 13	1	Zhaoyuan Jinbao Electronics Co., Ltd	QMTS2 E141940
7	ceramic capacitor	3A332J	C9	1	DONGGUAN KEHONG ELECTRONICS CO.,LTD	
8	ceramic capacitor	472/400VDC	CY1, CY2	2	DONGGUAN KEHONG ELECTRONICS CO.,LTD	
	relay	10A-250VAC SJ-S-118DMH	RL1	1	Dongguan Sanyou.	
9	Electroanalysis capacitor	1uF/50V	C8	1	DONGGUAN KEHONG ELECTRONICS CO.,LTD	
		10uF/450V	C10	1		
		1000uF/25V	C15	1		
		10uF/50V	C28	1		
		100uF/25V	C14, C18, C22	3		
10	X2 capacitor	10uF/275ACV	C4D5	1	Foshan Shunde Chuang Ge Electronic Industrial.CO Ltd	FOKY2.E318999
		4uF/275ACV	C4D1, C4D2, C4D3, C4D6	4		
11	HV capacitor	0. 43UF/120VAC	C31	1	Foshan Shunde Chuang Ge Electronic Industrial Co Ltd	NR
12	buzzer	PT1470	BZ1	1	Changzhou tongda-wk.Electronic., ltd	
13	IC	78L05	U3, U6	5	stmicroelectronics	
		vip22A	U1	1		
14	copper resistor	1. 5X20mm	RJ1, RJ2	2	Zhongshan dongfeng eycom electric Appliance factory	
15	transformer	EE10	T2	1	Details please refer to Illustration	NR

16	quick connect brass tabs	6.3mm	L, N, GND	3	Guangdong zhongnan Electronics& Electric co., ltd	
17	Quick connect connectors	LIN LOU 4 feet	LIN ,LOUT	2	Foshan shunde ningbang Electronic., ltd	
18	4 pin jack	TJC3-4A	CON3	1	Bubujing electronics co., ltd	
19	adjustable resistor	501	VR1	1	Shenzhen kailifeng hadeware&electronic. co. ltd	
20	2 pin jack	TJC3-2A	FAN, FAN1	2	Bubujing electronics co.	
21	3 pin jack	TJC3-3A	HITE CN1	2		
22	fuse	ROHS RTI-30 15A250VC (UL/JET)	F1	1	Zhongshan Lanbao Electrical Appliances CO.LTD	JDYX2 E213695
23	Bridge rectifier	HD25SB80	BG1	1	LESHAN RADIO CO LTD	QQQX2 E231047
					LESHAN SHARE ELECTRONIC CO LTD	QQQX2 E249161
24	inductor	铜 450uH 2 脚立式直径 1.4(脚长 4 ±0.5 脚距 16±0.5)	L1	1	Zhongshan Meiya Electronic Co., Ltd	
25	inductor	2mH 4 脚立式直径 1.5(短脚)	L2	1	Zhongshan Meiya Electronic Co., Ltd	
26	NTC resistor	MJD-103-3365-5	R-NTC	1	Shanghai Minjie electronics Co.,Ltd	E313459
27	IGBT	H20R1353	IGBT2, IGBT3	2	Infineon technologies	NR
28	CPU	HT45R0MB	U102	1	Holtek semiconductor Limited by Share Ltd	
29	overheat protector	40%硬度±1%(线长 150mm 红 色) 15.5 高朱红色硅胶头+温度保险 丝 (RYD227) (线长 150MM 针插蓝色)	CN1	1	China's science and technology	
30	PCB	SZ-L5	REV:2012.06.26	1	Zhaoyuan Jinbao Electronics Co., Ltd	QMTS2 E141940
<b>LCD Control Panel</b>						
1	LCD	YXM1179A	LCD1	1	ShenZhen Sunfly Technology	

					CO.,LTD	
2	rear projector	YXM1179A-BL	LCD1	1	ShenZhen Sunfly Technology CO.,LTD	
3	porcelain capacitor	ROHS 104Z/50V	C1	1	DONGGUAN KEHONG ELECTRONICS CO.,LTD	
4	Electroanalysis capacitor	470UF/10V	EC1	1	DONGGUAN KEHONG ELECTRONICS CO.,LTD	
5	sensitive switch	12×12	K-K6	10	Bubujing electronics co.,ltd	
6	IC	HT16K23	U2	1	Holtek semiconductor Limited by Share Ltd	
7	CPU	L8B-F, GRD-16	U1	1	Holtek semiconductor Limited by Share Ltd	
8	4 pins wiring	4P-220mm	CON1	1	guangdong xinlong enterprise Co.	
9	Transistor	S8050	Q1	1	Tritech semiconductor co.,ltd	
10	resistor	47 Ω	R2	2	Foshan li an electric Co.,Ltd.	
		4.7K Ω	R8, R10, R5, R6	4		
		100K Ω	R1, R3, R4, R7, R9, R11	6		
11	PCB	L5-L7B	166X55 REV:13.09.20	1	Zhaoyuan Jinbao Electronics Co., Ltd	QMTS2 E141940

**Remark:**

(1) The Designation on BOM must be matching with Designation on PCBA Layout.