

### WCK730B Part List

No.	Item	Part Specification	Vender	Unit	Q'ty	Reference Name	
1	TVS DIODE	SP3030-01ETG,5V,0.5uA/V,5V/A,0.5A,TP	LITTELFUSE	PC	4	D1,D2,D12,D13	
2	RF SWITCH	RTC6608OSP,0.1-6GHz SPDT Switch,6P,1x1mm,SPDT,-40to+85C	RICHWAVE	PC	2	U4,U5	
3	RF SWITCH	RTC6603SP,0.1-3GHz SPDT Switch,5C-70,6P,2x2.1x1mm,SPDT,0.6-3.5GHz	RICHWAVE	PC	2	U2,U7	
4	Flash Memory	GD25Q21B,2Mb,USON,8P,3x2x0.55mm,I,CLQV : 6ns,2.7~3.6V,0.5V,-40to+85C	GIGADEVICE	PC	1	U9	
5	DC/DC CONVERTER	W25X20CL,256K bit /2M bit,USON,8P,2x3x0.55mm,I,CLQV : 8ns,-0.6to+0.6V,0.5V,-40to+85C	WINBOND	PC	1	U8	
6	WIFI CHIPSET	AX3811A,SOT23-6,6P,3x3.1x1.3mm,19V,0.6W,-40to85C,2A,TP	AXELITE	PC	1	U1	
7	RESISTOR	BCM43569PKFFBG,FCBGA,254P,10x10x0.1mm,S1,5.25V,1.53W,0to+70C	BROADCOM	PC	1	U1	
8		0ohm,5%,1/16W,TP,1005	SEMCO YAGEO TDK	PC	3	R100,R101,R102	
9		4.7Kohm,5%,1/20W,TP,0603		PC	6	R19,R22,R23,R25,R28,R76	
10		10Kohm,5%,1/20W,TP,0603		PC	2	R20,R29	
11		10ohm,5%,1/20W,TP,0603		PC	4	R9,R10,R11,R12	
12		0ohm,5%,1/20W,TP,0603		PC	9	R2,R3,R6,R24,R26,R27,R333,R118,R113	
13		150ohm,5%,1/20W,TP,0603		PC	1	R32	
14		220ohm,5%,1/20W,TP,0603		PC	2	R61,R64	
15		100Kohm,1%,1/20W,TP,0603		PC	4	R5,R17,R21,R200	
16		100ohm,1%,1/20W,TP,0603		PC	4	R14,R15,R62,R63	
17		20Kohm,5%,1/20W,TP,0603		PC	2	R1,R43	
18		221ohm,1%,1/20W,TP,0603		PC	1	R7	
19		22Kohm,1%,1/20W,TP,0603,0.23T		PC	1	R201	
20		3.9Kohm,1%,1/20W,TP,0603		PC	1	R600	
21		0.015nF,5%,25V,NP0,TP,0603		SEMCO YAGEO TDK	PC	1	C4
22		0.018nF,5%,25V,NP0,0603			PC	1	C58
23		0.0090nF,0.25pF,25V,NP0,0603			PC	12	C17,C18,C19,C23,C26,C27,C28,C29,C33,C34,C35,C39
24		0.01nF,5%,25V,COG,TP,0603			PC	10	C20,C22,C30,C31,C41,C43,C57,C69,C80,C311
25		0.0012nF,0.1pF,25V,COG,0603			PC	6	C24,C32,C95,C115,C122,C124
26	0.0022nF,0.1pF,25V,COG,0603	PC			1	C202	
27	22000nF,20%,6.3V,X5R,TP,2012	PC	1		C1		
28	0.0047nF,0.25pF,25V,COG,0603	PC	10		C5,C6,C8,C9,C14,C15,C25,C36,C37,C40		
29	100nF,10%,10V,X5R,TP,0603	PC	22		C2,C49,C50,C51,C52,C53,C54,C55,C56,C59,C60,C62,C67,C68,C70,C78,C83,C96,C135,C136,C254,C555		
30	0.33nF,5%,50V,COG,TP,1005	PC	1		C200		
31	10000nF,10%,10V,X5R,TP,1608,0.8T	PC	1		C99		
32	4700nF,20%,6.3V,X5R,TP,1005(1106)-	PC	4		C87,C88,C89,C188		
33	2200nF,20%,10V,X5R,TP,1005	PC	4		C48,C61,C76,C77		
34	10000nF,20%,6.3V,X5R,TP,1005(1207),0.5T	PC	5		C38,C74,C75,C90,C121		
35	0.0003nF,0.1pF,25V,COG,TP,0603,0.3T	PC	2		C7,C10		
36	1000nF,10%,16V,X5R,TP,1005,0.5T	PC	8		C44,C45,C46,C64,C66,C91,C92,C910		
37	1nF,5%,25V,0603,0.3	PC	2		C12,C13		
38	10nF,±10%,16V,X5R,TP,0603,0.3±0.03	PC	2		C3,C72		
39	2.2nH,0.1nH,0603	SEMCO, TDK	PC		2	L35,L36	
40	3.3nH,0.1nH,0603		PC	2	L6,L7		
41	18nH,5%,0603		PC	1	L1		
42	1.8nH,0.1nH,0603,0.3T,0.1Ohm,800mA,14/500MHz,Multi Layer	PC	2	L401,L501			
43	1.2nH,0.1nH,0603,0.08ohm,500mA,14/500MHz,Multi Layer	PC	2	L152,L154			
44	POWER INDUCTOR	4.7uH,20%,2520,1.2T,0.28Ohm,2000mA	SEMCO, TDK	PC	1	L24	
45	CRYSTAL	2.2uH,20%,2520,1.1,0.11600ohm,1200000.000mA	SEMCO, TDK	PC	1	L25	
46	CRYSTAL	10ppm,12pF,50Ohm,Reel	HOSONIC	PC	1	Y1	
47	DUPLEXER	2.4-2.5MHz,2.4-2.5MHz,Reel,824-915MHz/38dB,2X1.25X8mm	TDK	PC	2	FL2,FL3	
48	BEAD	600ohm,1005,TP,744ohm/222MHz	SEMCO	PC	1	FB1	
49		240ohm,0603,TP		PC	1	FB6	
50		600ohm,0603,TP		PC	4	FB2,FB3,FB7,FB8	
51		1000ohm,0603,TP,55(Typ.),205(Typ.)		PC	2	FB4,FB9	
52	HEADER-BOARD TO CABLE	BOX,16P,1R,1.25mm,SMD-A,SN	YEONHO, CNPLUS	PC	1	J6	
53	COVER-ANT-L	WIFI-ANT-L	TE,B&G	PC	1	ANT1	
54	COVER-ANT-R	WIFI-ANT-R	TE,B&G	PC	1	ANT2	
55	COVER-ANT-BT	WIFI-ANT-BT	TE,B&G	PC	1	ANT3	
56	COVER-SHIELD	SHIELD CASE	B&G, BOOGIL	PC	1		
57	PCB	DWMSMB77L00S,FR4,4L,1.1,1.75,0x26.0mm,10	APEX, DYNAMIC, WINLUNG	PC	1		
58	COVER-HOUSING_TOP		DAESUNG METAL, SSIN	PC	1		
59	COVER-HOUSING_BOTTOM		DAESUNG METAL, SSIN	PC	1		