



WE866C3

Parts List

BOM SHEET			MODEL NAME	WE866C3-P	
No	REF.NO.	ITEM NAME	VENDOR P/NO.	VENDOR PURCHASE	Q'ty
Main Component					
1	U2	WLAN 802.11ac + BT 4.1 QCA-9377-3_03-0	QCA-9377-3-115WLNTP-TR-03-0	QUALCOMM	1
2	U3	DIRECTIONAL COUPLER HHM2510B1	HHM2510B1	TDK	1
3	U4	FE MODULE WIFI 5180-5825 MHz RFFM8528	RFFM8528TR7	QORVO	1
4	Y1	XTAL 48 MHz 2016 8Y48090005	8Y48090005	TXC CORP.	1
5	FL1	DIPLEXER MULTILAYER DPX105950DT-6012A2	DPX105950DT-6012A2	TDK	1
6	FL3	BAW FILTER BT/WLAN B8328	B39242B8328P810	RF360 EUROPE	1
7	FL4	BAND PASS FILTER LFB185G42CGZE130	LFB185G42CGZE130	MURATA	1
8	DZ1	ESD SUPPR. FOR ULTRA HIGH SPEED GESD0603	GESD0603H090CR10GPT	SUNLORD	1
Capacitor					
1	C36	COND CER SMD 0.5 pF COG 0201 +-0.1pF 50V		GENERIC	1
2	C33, C46, C47, C48	COND CER SMD 4.7 pF COG 0201 +-0.1pF 50V		GENERIC	4
3	C35, C37, C38, C52	COND CER SMD 10 pF COG 0201 5% 50V		GENERIC	4
4	C7	COND CER SMD 100 pF COG 0201 5% 25V		GENERIC	1
5	C41, C43	COND CER SMD 1 nF X7R 0201 10% 25V		GENERIC	2
6	C11, C15, C21, C23, C25, C26, C28, C29, C3, C31, C32, C6, C8, C9	COND CER SMD 100 nF X5R 0201 10% 10V		GENERIC	14
7	C10, C12, C13, C16, C18, C22, C24, C42, C44, C5	COND CER SMD 1 uF X5R 0201 20% 6.3V		GENERIC	10
8	C20, C27	COND CER SMD 2.2 uF X5R 0201 20% 6.3V		GENERIC	2
9	C19, C53	COND CER SMD 2.2 uF X5R 0402 10% 10V		GENERIC	2
10	C17, C45	COND CER SMD 4.7 uF X5R 0402 20% 10V		GENERIC	2
11	C4	COND CER SMD 10 uF X5R 0402 20% 10V		GENERIC	1
12	C14	COND CER SMD 47 uF X5R 0603 20% 6.3V		GENERIC	1
Inductor					
1	L1	PWR INDUCT 1.5 uH 20% TFM201610GHM-TAA	TFM201610GHM-1R5MTAA	TDK	1
2	L3, L4, L6, L7	INDUCT SMD 6.8 nH 5% 0201 MLG0603P	MLG0603P6N8JT000	TDK	4
3	L5	EMIFIL 120 R 25% 450mA 0201 BLM03AX	BLM03AX121SN1D	MURATA	1
Resistors					
1	R3	RES SMD 0 OHM JUMPER1/16W 0402		GENERIC	1
2	R10, R11, R15, R21, R23, R24, R25, R26, R27, R32, R4, R5, R6, R8, R9	RES SMD 0 OHM JUMPER1/20W 0201		GENERIC	15
3	R7	RES SMD 1.5 R 5% 1/20W 0201		GENERIC	1
4	R14	RES SMD 49.9 R 1% 1/20W 0201		GENERIC	1
5	R2	RES SMD 1.0 K 1% 1/20W 0201		GENERIC	1
6	R1, R16, R17, R19, R20, R22, R24	RES SMD 10 K 5% 1/20W 0201		GENERIC	7
Shield Cover & Frame, PCB					
1		WE866C3 MODULE PCB L-CUT 0.13		AT&S	1
2	SH1	METALLIC SHIELD WE866C3	P60247	BI-LINK	1

A woman with long brown hair is looking at a tablet computer. She is wearing a dark patterned top. The background is a blurred city street at night with colorful bokeh lights. A yellow speech bubble is overlaid on the image.

Thank you!

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