

			Name BOM ICPSW5-5EU-1, ICPSW5-5GB-1, ICPSW5-5AU-1, ICPSW5-5NA-1, ICPSW5-5CN-1, ICPSW5-5KR-1, ICPSW5-5kr-1, ICPSW5-5IN-1				BOM	
			Approved by Jon Mikel Lizarralde (joliz2)		Approved date 2018-03-06		Document number 2087226	
			Description Electrical Component		Electronic		Version 3.1	
			Revision Comment BOM updated acc. to Jimmie's request.			Ikea Parts Library		Replaces document
Row	A=CDF(critical) B=specific sourcing C=free sourcing	group	Description	Brand	Type	Certificate	Qty	ID
1	A	PCB	Single size : 40*35mm CEM-1 Thickness:1.2	LEUCHTEK ELECTRONIC S (ZHEJIANG) CO LTD	PCEM-1	E199273	1	
1	A	PCB	Single size : 40*35mm CEM-1 Thickness:1.2	Changzhou Kelong Electronics Co Ltd	JC-2	E248439	1	
1	A	PCB	Single size : 40*35mm CEM-1 Thickness:1.2	WALEX ELECTRONIC (WUXI) CO LTD	T4	E154355	1	
2	C	SMD resistor	300KΩ ±5% 1/4W 1206	CHIH MAO	SMD		2	R1 · R2
2	C	SMD resistor		Various			2	R1 · R2
3	C	SMD resistor	150KΩ ±5% 1/8W 0805	CHIH MAO	SMD		1	R3
3	C	SMD resistor		Various			1	R3
4	C	SMD resistor	2.2Ω ±5% 1/8W 0805	CHIH MAO	SMD		1	R4
4	C	SMD resistor		Various			1	R4
5	C	SMD resistor	4.7Ω ±1% 1/4W 1206	CHIH MAO	SMD		2	R5,R6
5	C	SMD resistor		Various			2	R5,R6
6	C	SMD resistor	18KΩ ±1% 1/8W 0805	CHIH MAO	SMD		1	R7
6	C	SMD resistor		Various			1	R7
7	C	SMD resistor	3KΩ ±1% 1/10W 0603	CHIH MAO	SMD		1	R8
7	C	SMD resistor		Various			1	R8
8	C	SMD resistor	150Ω ±5% 1/4W 1206	CHIH MAO	SMD		2	R9,R10
8	C	SMD resistor		Various			2	R9,R10
9	C	SMD resistor	51.1KΩ ±1% 1/10W 0603	CHIH MAO	SMD		2	R11,R15
9	C	SMD resistor		Various			2	R11,R15
10	C	SMD resistor	22Ω ±5% 1/4W 1206	CHIH MAO	SMD		1	R12
10	C	SMD resistor		Various			1	R12
11	C	SMD resistor	5.1KΩ ±5% 1/4W 1206	CHIH MAO	SMD		1	R13
11	C	SMD resistor		Various			1	R13
12	C	SMD resistor	43KΩ ±1% 1/10W 0603	CHIH MAO	SMD		1	R14
12	C	SMD resistor		Various			1	R14
13	C	SMD resistor	75KΩ ±1% 1/10W 0603	CHIH MAO	SMD		1	R16
13	C	SMD resistor		Various			1	R16
14	C	NTC	NTC Φ5 10Ω 1A	wmec	WTR05D100M		1	NTC1
14	C	NTC		Various			1	NTC1
15	C	Electrolytic Capacitor	4.7μF/400V	Man yue	RD		1	EC1
15	C	Electrolytic Capacitor		Various			1	EC1
16	C	Electrolytic Capacitor	6.8μF/400V	Man yue	RD		1	EC2
16	C	Electrolytic Capacitor		Various			1	EC2
17	C	Solid capacitor	560μF/6.3V	PolyCap	RL		1	EC3
17	C	Solid capacitor		Various			1	EC3
18	C	Electrolytic Capacitor	4.7μF/50V	Yongming	LKM		1	EC4
18	C	Electrolytic Capacitor		Various			1	EC4
19	C	Chip Capacitor	470pF/1000V X7R ±10% 1206	Holy Stone	X7R		1	C1
19	C	Chip Capacitor		Various			1	C1
20	C	Chip Capacitor	470PF/250V X7R ±10% 0805	fenghua	X7R		1	C2
20	C	Chip Capacitor		Various			1	C2
21	C	Chip Capacitor	0.1uF/50V X7R ±10% 0805	fenghua	X7R		1	C3
21	C	Chip Capacitor		Various			1	C3
22	C	Chip Capacitor	22pF/50V NPO ±5% 0603	fenghua	NPO		1	C4
22	C	Chip Capacitor		Various			1	C4
23	A	Y1 Capacitor	470pF/250V	Success Electronics Co.,Ltd	SB	E114280 VDE/40020001	1	CY1
23	A	Y1 Capacitor	470pF/250V	Xiamen Wanming Electronics Co Ltd	HJ	E221839 VDE/40034438	1	CY1
23	A	Y1 Capacitor	470pF/250V	SHENZHEN HUADY TECHNOLOG Y DEVELOPME NT CO LTD	CT7	E483650 VDE/40044402	1	CY1
23	A	Y1 Capacitor	470pF/500V	Shenzhen Weidy Industrial Development Co., Ltd.	AR	E334332 VDE/40046156	1	CY1
24	C	Bridge Rectifier	1A1000V	Yang Jie	ABS10		1	BD1
24	C	Bridge Rectifier		Various			1	BD1
25	C	Diode	1A1000V	Yang Jie	G1MF		1	D1
25	C	Diode		Various			1	D1
26	C	Diode	1A1000V	Yang Jie	F1M		1	D2
26	C	Diode		Various			1	D2
27	C	Diode	10A 45V	PFC	P10V45SP		1	D3
27	C	Diode		Various			1	D3
28	C	Transistor	NPN 1.5A 780V	LM	13003		1	Q1
28	C	Transistor		Various			1	Q1
29	C	MOSFET	0.012A 600V N SOT-23	ARK	DMZ6005		1	Q2
29	C	MOSFET		Various			1	Q2

30	B	IC	PWM IC	Dialog Semiconductor	iw1679-50		1	U1
31	C	Transformer	1.6mH ±10%	Wonder			1	T1
31	C	Transformer		Various			1	T1
32	C	Choke	470uH ±10%	Gujing	DLGA0410-471KTB		1	L1
32	C	Choke		Various			1	L1
33	C	Choke	4.7uH 0805 ±20%	Sunlord	MPH201210S4R7MT		1	L2
33	C	Choke		Various			1	L2
34	A	Fuse	1A/250V	XC Electronics (Shen Zhen) Corp. Ltd	STE	VDE/40029550 E249609	1	F1
34	A	Fuse	1A/250V	Shenzhen Lanson Electronic Co.,Ltd	SMT	VDE/40012592 E221465	1	F1
34	A	Fuse	1A/250V	Conquer Electronics Co.,Ltd	MST	VDE/40017118 E82636	1	F1
34	A	Fuse	1A/250V	HONG HU BLUELIGHT ELECTRONIC CO LTD	6ET	E324232 VDE/40034107	1	F1
35	C	USB	4P FEMALE	Yuanchuan	B0-H44-00037		1	USB1
35	C	USB		Various			1	USB1
36	A	Adhesive	T105	SHEN ZHEN BAO LI INTENATION CO LTD	BN707	E254560		For Input wire
36	A	Adhesive	T105	Dow Corning(Shanghai)Co Ltd	CN-8605	E251343		For Input wire
37	C	Diode					NC	ZD1
38	C	Diode					NC	TVS1