

MODEL		WIP-5000M	B.O.M						DATE	03/7/16		COMP.		INSP.		AP.BY	
COUNTRY									VER	1.0							
PART		RF & LOGIC							PAGE (s)	8							
NO.	VENDOR P/N	DESCRIPTION	REFERENCE NO.				VALUE MATERIAL	VENDOR	Q'TY	샘플보유수량	UNIT PRICE	EURO	US\$(F)	US\$(L)	₩	비고	
1	ISL3871AIK18	BBP/MAC IC	U17					Itersil	1	20							
	ISL3871IK18은 0.18미크론 제품이며, 기존 제품은 ISL3871IK33으로 임, 주의하여 구매 바람. 구동 전압이 다르니 반드시 ISL3871IK18을 구매해야 함. AIK는 저전력형임.																
2	HFA3684AIR-TK	Transceiver	U18					Itersil	1	9							
3	ISL3084IR-TK	5GHz VCO	U19					Itersil	1	5							
4	ISL3984IR96	POWER Amplifier	U16					Itersil	1	10							
5	MAX2644EXT-T	LNA	U14				6SC70	MAXIM	1								
6	MAX8867EUK29	LDO	U11	U12	U13			MAXIM	3								
7	MIC5219-3.3BMM	LDO	U31					MICREL	1	100						젠 코어	
8	SST39VF010-90-4C-WH	FLASH Memory	U34				1Mbit	SST	1								
9	AS179_92	SPDT Switch	U33					ALPHA	1								
10	IC62LV12816LL-55B EM128L16B-55LL UT62L12816BS-55LL	SRAM(128*16) (6x8 BGA)	U23				2Mbit	ICSI (테크로) nanoAMP UTRON	1	38						박종천 과장	
11	HHM1520 BL2012-10B2450	BALUN	U20					TDK ACX	1								
12	AUDACITY_T2U	T2U	U32				BGA IC	NETERGY	1	10							
13	EX128-FCS128	FPGA	U20				BGA IC	ACTEL	1	400						I&C 마이크로시스템	
14	TCM809SENB713	RESET IC	U2				2.93V	MICROCHIP	1	3000							
15	M29W160DT-70ZA M29W160ET-70ZA M29W160ET-70ZC	FLASH ROM	U15				8 x 9 8 x 9 6 x 8	ST	1							가능한 8x9로 구매	
16	MIC5205-3.3BM5 MIC5219-3.3BM5	REGULATOR	U9					MICREL	1	50						젠 코어	
17	MIC5219-BMM	REGULATOR	U35					MICREL	1	150							
18	MIC5205-2.5BM5	REGULATOR	U10					MICREL	1	100						젠 코어	
19	TLV320AIC1103	VOICE BAND AUDIO CODEC	U1					TI	1	10							

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20	SI2305DS	MOS-FET	U3					VISHEY	1	20						창남무역	
21	S-80831CLNB-B6Q-T2	VOLTAGE DETECTOR	U6				3.1V	SEIKO	1								
22	S-80835CLNB-B6U-T2	VOLTAGE DETECTOR	U5				3.5V	SEIKO	1								
23	S-80837CLNB-B6W-T2	VOLTAGE DETECTOR	U4				3.7V	SEIKO	1								
24	S-80830CLNB-B6P-T2	VOLTAGE DETECTOR	U7				3.0V	SEIKO	1								
25	FAN7021 LM4871M	AUDIO AMP	U21				1W	FAIRCHILD National	1								
26	DG2020DV-T1	ANALOG SWITCH	U27	U28				VISHEY	2	20						창남무역	
27	D365A	EL DRIVER (MSOP-8)	U29					Rogers	1	10						031-716-6112 이호승 대리	
28	SSTA56T116 (MMBTA56)	PNP 80V 0.5A DRIVER TR 2913 (SOT-23)	Q1					ROHM (유덕전자)	1	300					48	정남호 차장 011-443-6865 02-715-3782	
29	DTC114EETL	Built-in 10k/10k 1608 TR, (SC-75A)	U24	U25	U26			ROHM (유덕전자)	3	30					21	정남호 차장 011-443-6865 02-715-3782	
30	CRYSTAL OSC SMD 10.00MHz	10MHZ	U8					DTRON	1	10							
31	I/O-2A3-2.5P-H3.2	BATT_CON	CON2	CON3				우영	2	29						김일희 011-9168-7631	
32	LFSN25N19	Band Pass Filter	FL1				2.45GHz	MURATA	1								
33	SSP-T7	Crystal	X1				32.768KHz	SEIKO	1								
34	CRYSTAL OSC SMD 44.00MHz	Oscillator	Y1				44MHz	DITRON	1	10							
35	LBH1000B-E0	1608 Blue LED	LD2	LD3	LD4	LD5	Blue	LUXPIA (유덕전자)	12	100					230	정남호 차장 011-443-6865 02-715-3782	
			LD6	LD7	LD8	LD9											
			LD10	LD11	LD12	LD13											
36	BLM10AG121SN1D	Ferrite Beads - 1005	L5	L6				MURATA	2								

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37	BLM21PG300SN1D	Ferrite Beads – 2012	L1	L2	L3	L19		MURATA	11	1000							
			L20	L21	L11	L12											
			L13	L14	L15												
	RSB6.8STE61	ESD Protect VZ=5.78~7.82 10W 1208	D4					ROHM (유덕전자)		20					78	정남호 차장 011-443-6865 02-715-3782	
38	DS1608BL-475	인덕터	L10					Coiltronix	1	20						다미교역 김대근 대리 011-9884-6077 02-2644-7695	
39	1SS355TE-17 KDS160 BAS316	80V 0.1A SW Di 1712	D2	D3				ROHM KEC SAMBO trad	2	100					19	유덕전자	
40	DAN202KT146 KDS184 1PS184	DUAL 80V 0.1A SW Di 2916	D1					ROHM KEC SAMBO trade	1	100					23	유덕전자	
41	SST2222AT116 KTN2222AS PMBT2222A	NPN 40V 0.6A SW TR 2913	Q4	Q5	Q2	Q7		ROHM KEC SAMBO trade	5	100					20	유덕전자	
			Q3														
42	DLMA2020FCA	LCD (새로수정된것)	LCD1					다코스	1							EL Sheet 적용 컬러는 블루	
43	1425A-0251R	MICRO MOTOR CONNECTOR	CON1				CONNECTOR	씨티전자	1								
44	EJ4-SH-6A-SM	EAR-JACK	J1				EAR JACK	우영	1	19						김일희 011-9168-7631	
45	OB-415SP-42C33	Microphone Dip, Pin 길이 1.2mm	MIC1				4.0 x 1.4 -42dB	삼부	1	10						문춘생 011-9026-3978	
46	16-8E-05P	Dual MODE Speaker 0.5W	SPK1				16mm	기린텔레콤	1	7							
47	LQM18NNR56K00	Chip Inductor – 1608	L4				560NH	MURATA	1								
48	LL1005-FH3N9S	Chip Inductor – 1005	L18				3.9NH	TOKO ANY	1								
49	LL1005-FH3N3S	Chip Inductor – 1005	L17				3.3NH	TOKO ANY	1								
50	LL1005-FH2N2S	Chip Inductor – 1005	L8	L9			2.2NH	TOKO ANY	2								
51	LL1005-FH1N0S	Chip Inductor – 1005	L7				1NH	TOKO ANY	1								

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52	CS1005COG220J500NR	Chip Capacitor –1005	C26	C85	C110		22 pF	ANY	3	1000							
53	CS1005COG221J500NR	Chip Capacitor –1005	C28				220 pF	ANY	1	1000							
54	CS1005COG100J500NR	Chip Capacitor –1005	C27	C221	C129	C128	10 pF	ANY	6								
			C168	C166													
55	CS1005COG102J500NR	Chip Capacitor –1005	C24	C25	C187	C40	1000 pF	ANY	17	1000							
			C50	C107	C45	C54											
			C102	C162	C176	C180											
			C93	C87	C86	C88											
			C96														
56	CS1005COG330J500NR	Chip Capacitor –1005	C171	C172			33 pF	ANY	2	1000							
57	CS1005COG150J500NR	Chip Capacitor –1005	C170				15 pF	ANY	1								
58	CS1005COG070J500NR	Chip Capacitor –1005	C173	C123	C152	C98	7 pF	ANY	9								
			C174	C51	C52	C53											
			C108														
59	CS1005COG0R5J500NR	Chip Capacitor –1005	C101				0.5 pF	ANY	1								
60	CS1005COG101J500NR	Chip Capacitor –1005	C105	C97	C100		100 pF	ANY	3	1000							
61	CS1005COG271J500NR	Chip Capacitor –1005	C94				270 pF	ANY	1	1000							
62	CS1005COG1R8J500NR	Chip Capacitor –1005	C89				1.8 pF	ANY	1								
63	CS1005COG4R7J500NR	Chip Capacitor –1005	C90				4.7 pF	ANY	1								
64	CS1005COG3R3J500NR	Chip Capacitor –1005	C99	C104			3.3 pF	ANY	2								
65	CS1005COG470J500NR	Chip Capacitor –1005	C103	C106			47 pF	ANY	2	1000							
66	CS1005COG270J500NR	Chip Capacitor –1005	C60	C62	C63	C64	27 pF	ANY	4	1000							

[illegible]

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85	RC0402J105CS	Chip Resistor –1005	R36				1 M	ANY	1								
86	RC0402J224CS	Chip Resistor –1005	R6	R105	R120		220 K	ANY	3								
87	RC0402F9531CS	Chip Resistor –1005	R16				9.53 K	ANY	1								
88	RC0402F1912CS	Chip Resistor –1005	R14	R15			19.1 K	ANY	2								
89	RC0402F1212CS	Chip Resistor –1005	R8				12.1 K	ANY	1								
90	RC0402F1131CS	Chip Resistor –1005	R9				1.13 K	ANY	1								
91	RC0402J100CS	Chip Resistor –1005	R112	R42	R90		10	ANY	3								
92	RC0402J122CS	Chip Resistor –1005	R110				1.2 K	ANY	1							1%	
93	RC0402J102CS	Chip Resistor –1005	R102	R94	R88	R85	1 K	ANY	11								
			R86	R106	R108	R76											
			R84	R93	R41												
94	RC0402J101CS	Chip Resistor –1005	R111	R44	R45	R131	100	ANY	8								
			R117	R22	R23	R24											
95	RC0402J470CS	Chip Resistor –1005	R43	R122			47	ANY	2								
96	RC0402F4641CS	Chip Resistor –1005	R40				4.64 K	ANY	1								
97	RC0402J471CS	Chip Resistor –1005	R60				470	ANY	1								
98	RC0402J222CS	Chip Resistor –1005	R57	R96			2.2 K	ANY	2								
99	RC0402J563CS	Chip Resistor –1005	R115				56 K	ANY	1								
100	RC0402J223CS	Chip Resistor –1005	R121				22 K	ANY	1								
101	RC0402J202CS	Chip Resistor –1005	R91				2 K	ANY	1								
102	RC0402J474CS	Chip Resistor –1005	R92				470 K	ANY	1								
103	RC0402J121CS	Chip Resistor –1005	R77	R78	R79	R80	120	ANY	6								

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			R100	R138													
104	RC0402J301CS	Chip Resistor –1005	R135				300	ANY	1								
105	RC0402J621CS	Chip Resistor –1005	R134				620	ANY	1								
106	RC0402F4990CS	Chip Resistor –1005	R32	R31	R30	R29	499	ANY	4								
107	RC0402F431CS	Chip Resistor –1005	R25	R26	R27	R28	430	ANY	4								
108	RC0402J182CS	Chip Resistor –1005	R19				1.8 K	ANY	1								
109	RC0402J561CS	Chip Resistor –1005	R18	R12			560	ANY	2								
110	RC0402J106CS	Chip Resistor –1005	R7				10 M	ANY	1								
	RC0402J151CS	Chip Resistor –1005	R61	R63			150	ANY	2								
111	안테나							명성산업	1								
112	VM12A-H7	MOTOR					MOTOR	DAESUNG	1								
114																	
115																	
116	WIP5000M PCB, Rev.2.0	PCB(8-L, BIULD-UP) 1.0T, 금도금					PCB	MicroCircuit	1								
117	SIDE KEY PCB	FPCB (양면), 0.15 +0.3=0.45T					FPCB	신흥하이텍	1							Dome 가공포함	
118		Shild Cover					CF Card용	젼텍	1							개슬인	
119		Shild body							1								
										250	\$0.30						