

MODEL		WIP-5000M	<h1>B.O.M</h1>						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
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						젠코어		
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						젠코어		
17	MIC5219-BMM	REGULATOR	U35				MICREL	1	150								
18	MIC5205-2.5BM5	REGULATOR	U10				MICREL	1	100						젠코어		
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						김일회 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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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						

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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, BUILD-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					