

작성일자 **June. 24. Y2k**  
 작성자 **이재석/우일**

주의점 :

- 본 자료는 **Pre-production** 의 자료 입니다.(생산자료는 금요일 발송 예정)
- 굵은 글씨는 **1007(BASIC 모델; FM RADIO가 없는 모델)** 일때 없는 것임.
- **Pre Production**은 **1061( With FM RADIO )**로 함.

WOOIL TELCOM CO., LTD.  
 FCC ID : OIZ1061  
 JOB # : 251BK0  
 EXHIBIT # : **4A**

L	Part NO.	NAME	DESCRIPTION	REFERENCE NO.	ECO-DATE	C	VANDER	V/G	MAKER
		<b>MAIN PCB SMD ASS'Y</b>							
		CHIP RESISTOR	470 1/8W 5% T 2012	R605			E.Z.KO		HITANO
		CHIP RESISTOR	0 1/16W 5% T 1608	C621, C214			E.Z.KO		HITANO
		CHIP RESISTOR	10 1/16W 5% T 1608	R115, 206, 221, 241, 301, 304, 306, 520, 609, 630			E.Z.KO		HITANO
		CHIP RESISTOR	100 1/16W 5% T 1608	R107,108,405,410			E.Z.KO		HITANO
		CHIP RESISTOR	1K 1/16W 5% T 1608	R305			E.Z.KO		HITANO
		CHIP RESISTOR	10K 1/16W 5% T 1608	R36, 210, 212, 302, 403, 418, 508, 510, 513, 604			E.Z.KO		HITANO
		CHIP RESISTOR	100K 1/16W 5% T 1608	R402,430,523,603,608,619~621,615			E.Z.KO		HITANO
		CHIP RESISTOR	1M 1/16W 5% T 1608	R614			E.Z.KO		HITANO
		CHIP RESISTOR	120 1/16W 5% T 1608	R208			E.Z.KO		HITANO
		CHIP RESISTOR	1.2K 1/16W 5% T 1608	R521,607			E.Z.KO		HITANO
		CHIP RESISTOR	150 1/16W 5% T 1608	R309			E.Z.KO		HITANO
		CHIP RESISTOR	15K 1/16W 5% T 1608	R104,408,413,613			E.Z.KO		HITANO
		CHIP RESISTOR	150K 1/16W 5% T 1608	R111,516,618			E.Z.KO		HITANO
		CHIP RESISTOR	18K 1/16W 5% T 1608	R209,511,518			E.Z.KO		HITANO
		CHIP RESISTOR	22 1/16W 5% T 1609	R205			E.Z.KO		HITANO
		CHIP RESISTOR	220 1/16W 5% T 1608	R101,113,307			E.Z.KO		HITANO
		CHIP RESISTOR	2.2K 1/16W 5% T 1608	R106, 201, 421, 422, 423, 501, 504, 506, 600, 611			E.Z.KO		HITANO
		CHIP RESISTOR	22K 1/16W 5% T 1608	R114,121,204,207,404,409,414			E.Z.KO		HITANO
		CHIP RESISTOR	220K 1/16W 5% T 1608	R401,431			E.Z.KO		HITANO
		CHIP RESISTOR	2.7K 1/16W 5% T 1608	R420			E.Z.KO		HITANO
		CHIP RESISTOR	270K 1/16W 5% T 1608	R602			E.Z.KO		HITANO
		CHIP RESISTOR	330 1/16W 5% T 1608	R606			E.Z.KO		HITANO
		CHIP RESISTOR	3.3K 1/16W 5% T 1608	R112,406,411			E.Z.KO		HITANO
		CHIP RESISTOR	33K 1/16W 5% T 1608	R400,519			E.Z.KO		HITANO
		CHIP RESISTOR	330K 1/16W 5% T 1608	R503,509			E.Z.KO		HITANO

CHIP RESISTOR	3.9K 1/16W 5% T 1608	R1			E.Z.KO	HITANO
CHIP RESISTOR	4.7 1/16W 5% T 1608	R415,416			E.Z.KO	HITANO
CHIP RESISTOR	47 1/16W 5% T 1608	R105,215			E.Z.KO	HITANO
CHIP RESISTOR	470 1/16W 5% T 1608	R110,118			E.Z.KO	HITANO
CHIP RESISTOR	4.7K 1/16W 5% T 1608	R103,117,211,227,419			E.Z.KO	HITANO
CHIP RESISTOR	47K 1/16W 5% T 1608	R116,200,203,308,522			E.Z.KO	HITANO
CHIP RESISTOR	470K 1/16W 5% T 1608	R3,524			E.Z.KO	HITANO
CHIP RESISTOR	5.6K 1/16W 5% T 1608	R226,303,507,601			E.Z.KO	HITANO
CHIP RESISTOR	56K 1/16W 5% T 1608	R100			E.Z.KO	HITANO
CHIP RESISTOR	560K 1/16W 5% T 1608	R119				
CHIP RESISTOR	6.8K 1/16W 5% T 1608	R512			E.Z.KO	HITANO
CHIP RESISTOR	8.2K 1/16W 5% T 1608	R120,225,407,412,610			E.Z.KO	HITANO
CHIP RESISTOR						
CHIP RESISTOR	820K 1/16W 5% T 1608	R505			E.Z.KO	HITANO
CHIP CERAMIC	1PF CL10C010CBNC	C227			E.Z.KO	SAMSUNG
CHIP CERAMIC	2PF CL10C020CBNC	C119				
CHIP CERAMIC	3PF CL10C030CBNC	C203, 206			E.Z.KO	SAMSUNG
CHIP CERAMIC	4PF CL10C040CBNC	C417, 211, 303			E.Z.KO	SAMSUNG
CHIP CERAMIC	5PF CL10C040CBNC	C105,207			E.Z.KO	SAMSUNG
CHIP CERAMIC	6PF CL10C060CBNC	C212			E.Z.KO	SAMSUNG
CHIP CERAMIC	7PF CL10C070CBNC	C102,106,116, 312, 204			E.Z.KO	SAMSUNG
CHIP CERAMIC	8PF CL10C080CBNC	C101,104			E.Z.KO	SAMSUNG
CHIP CERAMIC	9PF CL10C090CBNC	C112, 310			E.Z.KO	SAMSUNG
CHIP CERAMIC	10PF CL10C100CBNC	C311, 213				
CHIP CERAMIC	12PF CL10C120CBNC	C113,202,305			E.Z.KO	SAMSUNG
CHIP CERAMIC	18PF CL10C180JBNC	C111,117			E.Z.KO	SAMSUNG
CHIP CERAMIC	20PF CL10C200JBNC	C608, 609			E.Z.KO	SAMSUNG
CHIP CERAMIC	22PF CL10C220JBNC	C114			E.Z.KO	SAMSUNG
CHIP CERAMIC	27PF CL10C220JBNC	C103,115, 301, 309			E.Z.KO	SAMSUNG
CHIP CERAMIC	30PF CL10C300JBNC	C121			E.Z.KO	HITANO
CHIP CERAMIC	33PF CL10C330JBNC	C107, 223			E.Z.KO	HITANO
CHIP CERAMIC	47PF CL10C470JBNC	C123			E.Z.KO	HITANO
CHIP CERAMIC	56PF CL10C560JBNC	C222, 221, 504			E.Z.KO	HITANO
CHIP CERAMIC	100PF CL10C101JBNC	C151,224,231,232,233,229			E.Z.KO	HITANO
CHIP CERAMIC	220PF CL10C221JBNC	C132, 201			E.Z.KO	HITANO
CHIP CERAMIC	470PF CL10B471KBNC	C304,314, 308,514			E.Z.KO	HITANO
CHIP CERAMIC	560PF CL10B561KBNC	C517			E.Z.KO	HITANO

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	CHIP CERAMIC	0.001uF CL10B102KBNC	C120,125, 124, 122, 200, 128, 131, 313, 205, 219,410,502, 510, 614, 605,607,631		E.Z.KO	HITANO
	CHIP CERAMIC	0.01uF CL10B103KBNC	C109, 210, 220, 302, 307, 332, 503, 506, 615		E.Z.KO	HITANO
	CHIP CERAMIC	0.018uF CL10B183KBNC	C518			
	CHIP CERAMIC	0.0022uF CL10B222KBNC	C135			
	CHIP CERAMIC	0.022uF CL10B223KBNC	C501		E.Z.KO	HITANO
	CHIP CERAMIC	0.047uF CL10F473ZANC	C136, 403, 507		E.Z.KO	SAMSUNG
	CHIP CERAMIC	0.1uF CL10F104ZANC	C127, 129, 133, 215, 216, 306, 513, 515, 511, 505, 509, 604, 600, 413, 408, 404, 423, 416,411,420		E.Z.KO	HITANO
	CHIP CERAMIC	4.7uF LMK212F475Z-T	C126, 209, 230 ,241 ,401, 402, 516, 512, 606			
	RES.CHIP TRIMMER	10KB VG033CPXT B10K	RV11,21,		구산기전	HOKURIKU
	CERAMIC TRIMMER	6P SMD3-006C	CT200		효천전자	효천전자
	CHIP CERAMIC	1uF --EMK212 F105ZG-T	C134, 610		구산기전	HOKURIKU
	CHIP CERAMIC	3.3uF LMK212F335Z-T	C217.		구산기전	HOKURIKU
	DIODE	KDS114 (UD) SDP510D	D21,32,33		KEC	KEC
	DIODE	KDS181 (A3) SDS2836	D2,12,401,602,604		KEC	KEC
	DIODE	KDS184 (B3)	D601		KEC	
	DIODE	KDS226 (C3)	D13,11,501		KEC	KEC
	DIODE VARICAP	KDV154 (UA)	D22		KEC	KEC
	TRANSISTOR	KTC3880S(Y) (AQY) STC2059Y	Q103		KEC	KEC
	TRANSISTOR	KRC104S (ND) SRC1204S	Q201,402,403,404,405,406,407,408,409,410,413,20,21,30,501,		KEC	KEC
	TRANSISTOR	KTA1663Y STB1132Y	Q19		KEC	KEC
	TRANSISTOR	KRA226S	Q412		KEC	KEC
	TRANSISTOR	KTA1504S(Y) (ASY) STA1037Y	Q401,411,		KEC	KEC
	TRANSISTOR	KRA105S (PE)	Q104,205,302,414,502,		KEC	KEC
	TRANSISTOR	KRC110S	Q22,25		KEC	KEC
	TRANSISTOR	2SC4901	Q101,102,203,204,304		석영전자	TOSHIBA
	TRANSISTOR	KTC3875S	Q503,504		KEC	KEC
	TRANSISTOR	BFQ67W	Q305,306,307		석영전자	
	I.C PLL	TB31202FN	IC201		KEC	TOSHIBA
	I.C REGULATOR	TK11242MTL	IC2		VENREADE	MOTOROLA
	IC.CPU.MASK.SMD	HD404889TE(HD404-4999)	IC301		석영전자	HITACHI
	IC.LINEAR,OPAMP,SMD	LM358M08A	U3		VENREADE	INT
	IC.LINEAR,IFAMP,SMD	DBL5018V	IC101		VENREADE	SGS
	IC,LINEAR,AMP,SMD	TDA2822D	IC			SGS

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	COIL CHIP MLCC SMD	22NH, HK1608 22NJ-T	L304, R21		태양유전	HOKURIKU
	COIL CHIP MLCC SMD	27NH, HK1608 27NJ-T	L103, 106, 301		태양유전	HOKURIKU
	COIL CHIP MLCC SMD	2.2uH, HK1608 2R2J-T	L107		태양유전	HOKURIKU
	COIL CHIP MLCC SMD	6.8nH, HK1608 6N8J-T	L303		태양유전	HOKURIKU
	COIL CHIP MLCC SMD	220nH, HK1608 R22J	L204, 302, 305		태양유전	HOKURIKU
	COIL CHIP MLCC SMD	100nH, HK1608 R10J	L202		태양유전	HOKURIKU
	COIL CHIP WOUND SMD	680nH, 0805AS 681J	L401		FESTRON	세광
	X-TAL, 21, 25MHZ	TR-1-6(2.5PPm) -10~55	X200		TEW	TEW
	Speaker, 8ohm,	LS3608	SPK2		립사이언스	
	PCB	47.8*120.6 . 1.2T			동현	
	COIL IFT	(51)450K. 2322	L108		한국동광	TOKO
	COIL SPRING SMD	E2 30-1. 2-5TR(301205TR)	L307~309		LS 통신	UCHITA
	COIL SPRING SMD	E2 0 28-1. 1-3TR(28113TR)	L203, 306		LS 통신	UCHITA
	COIL SPRING SMD	E2 0 28-1. 0-6TR(28106TR)	L101, 102, 104, 105		LS 통신	UCHITA
	ANT	F465 E/L			혜성	혜성
	JACK. 3.5mm, SMD	SKJS-3511S	J2		세광	세광
	JACK. 2.5mm, SMD	SKJS-2511S	J1		세광	세광
	TACT SW, SMD	SKTS-1106R	SW9		세광	세광
	LCD	5157A	LCD16			립사이언스
	BACK LIGHT	LG9952TR1(G), GREEN	D603		KC INT.	CEICE
	C-MIC	CP9750-36-4	MIC1		KC INT.	CEICE
	FILTER CERAMIC	CFW450HTW	CF13		KC INT.	CQ
	ELE CAPACITOR, SMD	EVC-SS-100uf-6.3V-6.3x5.2	C407, 412		SONGWON	ENRICH
	ELE CAPACITOR, SMD	EVC-SS-47uf-6.3V-5x5.2	C406, 414		SONGWON	ENRICH
	FILTER CRYSTAL	21M7.5A	CF12		제일전자	SUNNY
	X-tal	4.0MHz, HC-49/S	X13		광성	광성
	CONNECTOR	F127-F-6DSG(SMD)	U1, U2		FINE	FINE
	REFLECTOR	PC CLEAR			부강라바텍	부강라바텍
	ZEBRA	19.2 X 6.3 X 1 YL Type			정일 산업	정일 산업
	LCD HOUSING	STPE T 0.3			정일 산업	정일 산업
	SHIELD CAN	STPE T 0.3			대영 케미컬	대영 케미컬
	FM STEREO RADIO	XXXXXAV	FM MODULE		KEC	KEC
	Cu TAPE	STICKER Cu				

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