

PART LIST	PROJECT	TRANSMITTER	MODEL NAME	LTK-1900R	DATE	SHEET
	ASS'Y NAME	LOGIC ASS'Y	COMMON MODEL 1	REPEATER(400M)	2008/9/18	1/2
	관리 번호	LTK-0710-2100R-01	특이 사항	NEW MODEL		

NO.	PARTS DESCRIPTION	PART NUMBER	Q'TY	UM	LOCATION NO.	VENDOR NAME	REMARK
1	PCB	2-LEAYER 1.6T	1	EA		성동전자	
2	IC CPU	PIC18F8722-1/PT	1	EA	U1	MICROCHIP	
3	IC EEPROM	24LC02B	1	EA	U5	MICROCHIP	
4	IC	89S52	1	EA	U2	MICROCHIP(?)	
5	IC	93C66	1	EA	U3		
6	REGULATOR	MC7805CT	1	EA	U4	MOTOROLA	
7	TR	KRC114	2	EA	Q1,Q2	KEC	
8	CHIP DIODE	1SR-154-400	2	EA	D1, D2	서울 반도체	
9	TRI-DIODE LED	M209RGWJ/A	1	EA	LED1	동진 ELC	
10	CHIP DIODE LED	L-C191KRCT(RED)	2	EA	LED3, LED4	동진 ELC	
11	CAP ELECTRIC 220uF/25V	220uF/25V	1	EA	EC1	SAM YOUNG	
12	CAP ELECTRIC 470uF/10V	470uF/10V	1	EA	EC2	SAM YOUNG	
13	CAP TANTAL 1uF/16V	ECSTOGY105R	1	EA	EC3	AVX(ELMA)	
14	COIL BEAD	BEAD 3550	2	EA	BLF1, BLF2	세일반도체	
15	CAP CHIP 27pF	GRM1885C1H270JA01D	2	EA	C12, C15	MURATA	
16	CAP CHIP 33pF	GRM1885C1H330JA01D	2	EA	C13, C16	MURATA	
17	CAP CHIP 0.1uF	GRM188R71H104KA01D	13	EA	C1, C2, C3, C4, C6, C7, C8, C9, C10, C14, C17, C18, C24	MURATA	
18	CAP CHIP 1uF	GRM188R71H105KA01D	1	EA	C5	MURATA	
19	RES CHIP 0Ω	MCR03EZHJX000	8	EA	R5,R15,R16,R17,R30,R33,R34,R42	ROHM	
20	RES CHIP 470Ω	MCR03EZHJX471	4	EA	R1, R8, R31, R32	ROHM	

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	관리 번호	LTK-0710-2100R-01	특이 사항	NEW MODEL		

NO.	PARTS DESCRIPTION	PART NUMBER	Q'TY	UM	LOCATION NO.	VENDOR NAME	REMARK
21	RES CHIP 1KΩ	MCR03EZHJX102	1	EA	R2	ROHM	
22	RES CHIP 10KΩ	MCR03EZHJX103	1	EA	R4	ROHM	
23	RES CHIP 100KΩ	MCR03EZHJX104	12	EA	R18,R19,R20,R22,R23,R24,R25,R26, R27,R28,R29,R40	MURATA	
24	RES CHIP 270KΩ	MCR03EZHJX274	1	EA	R37	ROHM	
25	RES CHIP 1MΩ	MCR03EZHJX105	2	EA	R3, R21	ROHM	
26	X-TAL(49/S TYPE)	10MHz(18pF)	1	EA	Y1	SUNNY	
27	X-TAL(49/S TYPE)(?)	11.0592MHz(18pF)	1	EA	Y2	SUNNY	
28	POWER DC JACK	DC ADAPTOR JACK	1	EA	AJ1		
29	CONNECTOR(HEAD 6PIN)	6PIN WAFER 5267-06P(ST)	1	EA	CON1	창우전자	
30	CONNECTOR(HEAD 8PIN)	2400-DD3.5-08P	1	EA	CON3	우리전자산업	
31	HEAT SINK		1	EA		동진 ELC	
32	BOLT		1	EA		동진 ELC	
33	NUT		1	EA		동진 ELC	
34	Dip Swich	DIP-1	1	EA	SW2	한영전자	
35	SW	1109S	1	EA	SW1	한영전자	
36	Dip Swich	DIP-8	1	EA	SW3	한영전자	
37							
47							
48							
49							
50							
51							
52							
53							
54							
55							

PART LIST		PROJECT	TRANSMITTER	MODEL NAME	LTK-2100	DATE	SHEET
		ASS'Y NAME	R/F ASS'Y	COMMON MODEL 1	REPEATER(400M)	2008/9/18	1/2
		관리 번호	LTK-0710-2100R-01	특이 사항	NEW MODEL		
NO.	PARTS DESCRIPTION	PART NUMBER	Q'TY	UM	LOCATION NO.	VENDOR NAME	REMARK
1	IC	C1070	1	EA	U6		
2	REGULATOR	KIA78D33F	1	EA	U9	KEC	
3	TR	2SC3356(R25)	6	EA	Q4, Q5, Q6, Q7, Q8, Q9	NEC	
4	TR	KTN2907AS(SOT-23)	1	EA	Q11	KEC	
5	TR	KRC114	1	EA	Q10	KEC	
6	CHIP DIODE	KDS160	2	EA	D3, D4	KEC	
7	CHIP IND 8.2nH	0805CS-8N2EMPS	1	EA	L10	PASTRON	
8	CHIP IND 12nH	0805CS-120EMPS	1	EA	L11	PASTRON	
9	CHIP IND 15nH	0805CS-150EMPS	3	EA	L12,L13,L14	PASTRON	
10	CHIP IND 22nH	0805CS-220EMPS	2	EA	L6,L8	PASTRON	
11	CHIP IND 27nH	0805CS-270EMPS	3	EA	L1,L4,L7	PASTRON	
12	CHIP IND 47nH	0805CS-470EMPS	1	EA	L3	PASTRON	
13	CHIP IND 56nH	0805CS-560EMPS	1	EA	L2	PASTRON	
14	CHIP IND 220nH	0805CS-221EMPS	1	EA	L9	PASTRON	
15	CAP CHIP TANTAL 10uF/6.3V	106/6.3V	3	EA	EC5, EC8,EC10	AVX(ELMA)	
16	CAP CHIP TANTAL 22uF/6.3V	226/6.3V 'A'	1	EA	EC4	AVX(ELMA)	
17	CAP CHIP TANTAL 47uF/6.3V	476/6.3V 'B'	3	EA	EC6, EC7, EC9	AVX(ELMA)	
18	CAP CHIP TANTAL 100uF/6.3V	107/6.3V 'C'	1	EA	EC5	AVX(ELMA)	
19	CAP CHIP TRIMMER 6pF	TZC03Z06A110T00	1	EA	VC1	PANASONIC	
20	CAP CHIP 2pF	GRM1885C1H2R0CZ01D	1	EA	C67	MURATA	
21	CAP CHIP 3pF	GRM1885C1H3R0CZ01D	2	EA	C45, C60	MURATA	
22	CAP CHIP 4pF	GRM1885C1H4R0CZ01D	4	EA	C42, C48, C50, C59	MURATA	
23	CAP CHIP 5pF	GRM1885C1H5R0CZ01D	3	EA	C41, C53,C66,	MURATA	
24	CAP CHIP 8pF	GRM1885C1H8R0CZ01D	3	EA	C43, C55,C65	MURATA	
25	CAP CHIP 10pF	GRM1885C1H100CZ01D	1	EA	C64	MURATA	
26	CAP CHIP 47pF	GRM1885C1H470CZ01D	1	EA	C37	MURATA	

27	CAP CHIP 68pF	GRM1885C1H680CZ01D	2	EA	C31,C38	MURATA	
28	CAP CHIP 220pF	GRM1885C1H221CZ01D	2	EA	C47,C52	MURATA	
29	CAP CHIP 470pF	GRM188R71H471KA01D	1	EA	C54	MURATA	

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	관리 번호	LTK-0710-2100R-01	특이 사항	NEW MODEL		

NO.	PARTS DESCRIPTION	PART NUMBER	Q'TY	UM	LOCATION NO.	VENDOR NAME	REMARK
30	CAP CHIP 1000pF	GRM188R71H102KA01D	5	EA	C30,C36,C40,C57,C61	MURATA	
31	CAP CHIP 0.01uF	GRM188R71H103KA01D	3	EA	C28,C35,C39	MURATA	
32	CAP CHIP 0.1uF	GRM188R71H104KA01D	9	EA	C25, C26, C27, C29,C46,C51,C56 C62,C68	MURATA	
33	CAP CHIP 0.22uF(220N)	GRM188R71H224KA01D	1	EA	C32	MURATA	
34	CAP CHIP 2200pF	GRM188R71H222KA01D	1	EA	C34	MURATA	
35	CAP CHIP 8200pF	GRM188R71H822KA01D	1	EA	C33	MURATA	
36	RES CHIP 22Ω	MCR03EZHX220	3	EA	R57,R59,R60	ROHM	
37	RES CHIP 33Ω	MCR03EZHX330	1	EA	R52	ROHM	
38	RES CHIP 100Ω	MCR03EZHX101	1	EA	R63,	ROHM	
39	RES CHIP 220Ω	MCR03EZHX221	1	EA	R65	ROHM	
40	RES CHIP 330Ω	MCR03EZHX331	1	EA	R51	ROHM	
41	RES CHIP 470Ω	MCR03EZHX471	4	EA	R45,R46,R48,R55,	ROHM	
42	RES CHIP 1KΩ	MCR03EZHX102	1	EA	R43	ROHM	
43	RES CHIP 1.5KΩ	MCR03EZHX152	1	EA	R54	ROHM	
44	RES CHIP 2.7KΩ	MCR03EZHX272	1	EA	R62	ROHM	
45	RES CHIP 4.7KΩ	MCR03EZHX472	2	EA	R53,R61	ROHM	
46	RES CHIP 5.6KΩ	MCR03EZHX562	1	EA	R58	ROHM	
47	RES CHIP 10KΩ	MCR03EZHX103	6	EA	R44,R47,R49,R56,R64,R66	ROHM	
48	RES CHIP 82KΩ	MCR03EZHX823	1	EA	R50	ROHM	
49	DTCXO(DX-5-2,0D3)	14.7456MHz	1	EA	Y3		
50	BNC-RB PCB용	BNCJ-R/A-L-PCB	1	EA	CON4	성진정보통신	

51	SHIELD CASE(전면)	0.5W 用	1	EA		서진기업사	

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		관리 번호	LTK-0710-2100R-01	특이 사항	NEW MODEL		
NO.	PARTS DESCRIPTION	PART NUMBER	Q'TY	UM	LOCATION NO.	VENDOR NAME	REMARK
1	FRONT CASE		1	EA			
2	REAR CASE		1	EA			
3	SCREW	2.6 X 6	6	EA			
4	SCREW	2 X 12(니켈)	2	EA			
5	ANTENNA	400MHz 用 ANT	1	EA			
6	SMPS	12V 2.5A 2Ø	1	EA			
7	FRONT LABEL		1	EA			
8	승인 LABEL		1	EA			
9	BOLT	UP1 用	2	EA			
10				EA			
11				EA			
12				EA			
13				EA			
14				EA			
15				EA			
16				EA			
17				EA			
18				EA			
19				EA			
20				EA			
21				EA			
22				EA			
23				EA			
24				EA			
25				EA			