

PART LIST		PROJECT	PAGER		MODEL NAME	ALPHA PAGER	DATE	SHEET
		ASS'Y NAME	MAIN ASS'Y		FREQUENCY	457.5750MHz	2009/3/4	1/2
		관리 번호	LTKR-APM-2004A-VER2.3		특이 사항	신규(TOSHIBA MICOM)		
NO.	PARTS DESCRIPTION	PART NUMBER	Q'TY	UM	LOCATION NO.	VENDOR NAME	REMARK	
1	PCB	FR-4 DB 0.8T	1	EA	PCB1 (LTKR-APM-2004A-VER2.3)	성동전자		
2	IC MPU	TMP86FS23UG	1	EA	U1	TOSHIBA		
3	IC EEPROM	S93C66BR01	1	EA	U2	SEIKO(SII)		
4	IC EEPROM	93LC86	1	EA	U6	MICROCHIP		
5	IC DC/DC CONVERTOR	XC6373A300PR /RH5RI301B-T1(SOT-89)	1	EA	U4	TOREX/RICHO		
6	IC PAGING DECODER	S-7041BFT	1	EA	U5	SEIKO		
7	Reset IC	ELM7524NBB	1	EA	U3	씨앤티트레이딩		
8	RESONATOR(4M/15PF)	CSTCR4M00G55-R0(SMD)	1	EA	X1	MURATA		
9	DIODE LED	L-C191KRCT	5	EA	LED1, LED2, LED3, LED4, LED5	PARA		
10	DIODE SHOTTKY	KDS184	2	EA	D1, D3	KEC		
11	DIODE SWITCHING	MA111	1	EA	D2	KEC		
12	TR PNP(SOT-23)	KTA1505(AZY)	3	EA	Q1, Q2, Q9	KEC		
13	TR NPN(SOT-23)	KTC3876	1	EA	Q8	KEC		
14	TR NPN(SOT-23)	KRC114S	5	EA	Q3, Q4, Q5, Q6, Q7	KEC		
15	IND CHIP 10uH	CL201212T-100K-S(적층)	1	EA	L2	PANASONIC		
16	IND CHIP 180uH	ELJPA181KF	1	EA	L1	PANASOIC		
17	CAP TANTAL 22uF/6.3V	226/6.3V 'A'	2	EA	C20, C22	AVX(ELMA)		
18	CAP CHIP 12pF	GRM1885C1H120JA01D	1	EA	C4	MURATA		
19	CAP CHIP 0.1uF	GRM188R71H104KA01D	17	EA	C1, C2, C3, C5, C6, C7, C8, C10, C11 C12, C13, C14, C19, C21, C23, C24 C26	MURATA		
20	CAP CHIP 1uF	GRM188R71H105ZA01D	4	EA	C15, C16, C17, C18	MURATA		
21	RES CHIP 0Ω	MCR03EZHX000	2	EA	R9, R27	ROHM		
22	RES CHIP 10Ω	MCR03EZHX100	3	EA	R11, R22, R23	ROHM		

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		ASS'Y NAME	MAIN ASS'Y	FREQUENCY	457.5750MHz	2009/3/4	2/2
		관리 번호	LTKR-APM-2004A-VER2.3	특이 사항	신규(TOSHIBA MICOM)		
NO.	PARTS DESCRIPTION	PART NUMBER	Q'TY	UM	LOCATION NO.	VENDOR NAME	REMARK
23	RES CHIP 100Ω	MCR03EZHJX101	5	EA	R12, R13, R14, R15, R16	ROHM	
24	RES CHIP 220Ω	MCR03EZHJX221	2	EA	R17, R20	ROHM	
25	RES CHIP 1KΩ	MCR03EZHJX102	3	EA	R3, R8, R10	ROHM	
26	RES CHIP 10KΩ	MCR03EZHJX103	2	EA	R1, R21	ROHM	
27	RES CHIP 47KΩ	MCR03EZHJX473	1	EA	R18	ROHM	
28	RES CHIP 51KΩ	MCR03EZHJX513	1	EA	R4	ROHM	
29	RES CHIP 100KΩ	MCR03EZHJX104	3	EA	R2, R5, R19	ROHM	
30	RES CHIP 270KΩ	MCR03EZHJX274	1	EA	R6	ROHM	
31	RES CHIP 5.1Ω(3216TYPE)	MCR18EZHJX5R1	2	EA	R24, R25	ROHM	
32	X-TAL	CFV-206(76.8KHz)	1	EA	X2	SG무역	수삽
33	BUZZER	HSE-52701P	1	EA	BZ1	한성정밀	수삽
34	CONNECTOR	4PIN SOCKET(3mm)	1	EA	CON107	우리전자	수삽
35	CONNECTOR	6PIN SOCKET(3mm)	2	EA	CON105, CON106	우리전자	수삽
36	LCD	NT-E128644B-FFSESY	1	EA		DAE SHIN	
37	CONNECTOR(BACK LIGHT)	2P HEADER(12512WR-02B)	1	EA	CONL1	창우전자	수삽
38	CONNECTOR(LCD)	1226-28-02	1	EA	CONF1	DAE SHIN	

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		ASS'Y NAME	RF ASS'Y		FREQUENCY	457.5750MHz	2009/3/4	1/3
		관리 번호	LTKR-APM-2004A-VER2.3		특이 사항	CAP TANTAL 10uF/6.3V 'A2'에서 'A'로 변경		
NO.	PARTS DESCRIPTION	PART NUMBER	Q'TY	UM	LOCATION NO.	VENDOR NAME	REMARK	
1	PCB	FR-4 DB 0.8T	1	EA	PCB1 (LTK-APR-2004R-VER2.0)	성동전자		
2	IC IF DETECT	TA31142FN	1	EA	U101	TOSHIBA		
3	DIODE RECTIFIER	1SR-154-400	2	EA	D101, D106	ROHM		
4	DIODE SWITCHING	MA111	1	EA	D105	KEC		
5	TR PNP(SOT-23)	KTA1505(AZY)	1	EA	Q105	KEC		
6	TR NPN(SOT-23)	2SC3356(R25)	3	EA	Q101, Q103, Q106	NEC		
7	TR NPN(SOT-23)	2SC3585(R45)	1	EA	Q102	NEC		
8	TR NPN(SOT-23)	KTC3880	1	EA	Q104	KEC		
9	IND CHIP 12nH	ENJNC12NKF	1	EA	L102	PANASOIC		
10	IND CHIP 15nH	ENJNC15NKF	3	EA	L101, L107, L108	PANASOIC		
11	IND CHIP 680nH	ELJNCR68KF	1	EA	L105	PANASOIC		
12	IND CHIP 3.3uH	ELJFC3R3KF	3	EA	L103, L104, L106	PANASOIC		
13	CAP TANTAL 10uF/6.3V	106/6.3V 'A'	4	EA	C107, C123, C126, C131	AVX(ELMA)		
14	CAP TANTAL 22uF/6.3V	226/6.3V 'A'	1	EA	C161	AVX(ELMA)		
15	CAP TANTAL 47uF/6.3V	476/6.3V 'B'	1	EA	C153	AVX(ELMA)		
16	CAP CHIP TRIMMER 6pF	TZC03Z060A110T00	1	EA	CT101	PANASONIC		
17	CAP CHIP TRIMMER 20pF	TZC03Z200A110T00	1	EA	CT102	PANASONIC		
18	CAP CHIP 0.5pF	GRM1885C1H0R5CZ01D	1	EA	C100	MURATA		
19	CAP CHIP 2pF	GRM1885C1H2R0CZ01D	4	EA	C110, C144, C146, CX01	MURATA		
20	CAP CHIP 3pF	GRM1885C1H3R0CZ01D	2	EA	C103, C108	MURATA		
21	CAP CHIP 4pF	GRM1885C1H4R0CZ01D	1	EA	C142	MURATA		
22	CAP CHIP 5pF	GRM1885C1H5R0CZ01D	1	EA	C145	MURATA		
23	CAP CHIP 7pF	GRM1885C1H7R0CZ01D	1	EA	C111	MURATA		
24	CAP CHIP 10pF	GRM1885C1H100JA01D	2	EA	C113, C139	MURATA		
25	CAP CHIP 15pF	GRM1885C1H150JA01D	2	EA	C116, C118	MURATA		

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		ASS'Y NAME	RF ASS'Y	FREQUENCY	457.5750MHz	2009/3/4	2/3	
		관리 번호	LTKR-APM-2004A-VER2.3	특이 사항	CAP TANTAL 10uF/6.3V 'A2'에서 'A'로 변경			
NO.	PARTS DESCRIPTION	PART NUMBER	Q'TY	UM	LOCATION NO.		VENDOR NAME	REMARK
26	CAP CHIP 22pF	GRM1885C1H220JA01D	1	EA	C132		MURATA	
27	CAP CHIP 27pF	GRM1885C1H270JA01D	1	EA	C127		MURATA	
28	CAP CHIP 33pF	GRM1885C1H330JA01D	4	EA	C128, C138, C140, C141		MURATA	
29	CAP CHIP 100pF	GRM1885C1H101KA01D	1	EA	C137		MURATA	
30	CAP CHIP 560pF	GRM1885C1H561KA01D	1	EA	C134		MURATA	
31	CAP CHIP 1000pF	GRM188R71H102KA01D	3	EA	C119, C121, C124		MURATA	
32	CAP CHIP 3300pF	GRM188R71H32KA01D	1	EA	C133		MURATA	
33	CAP CHIP 4700pF	GRM188R71H472KA01D	5	EA	C106, C109, C115, C117, C143		MURATA	
34	CAP CHIP 0.01uF	GRM188R71H103KA01D	5	EA	C104, C114, C120, C135, C136		MURATA	
35	CAP CHIP 0.1uF	GRM188R71H104KA01D	6	EA	C122, C125, C129, C130, C152, C160		MURATA	
36	RES CHIP 0Ω	MCR03EZHJX000	1	EA	C162		ROHM	
37	RES CHIP 100Ω	MCR03EZHJX101	2	EA	R101, R115		ROHM	
38	RES CHIP 470Ω	MCR03EZHJX471	1	EA	R104		ROHM	
39	RES CHIP 1KΩ	MCR03EZHJX102	1	EA	R108		ROHM	
40	RES CHIP 1.5KΩ	MCR03EZHJX152	2	EA	R103, R118		ROHM	
41	RES CHIP 2.2KΩ	MCR03EZHJX222	1	EA	R117		ROHM	
42	RES CHIP 2.4KΩ	MCR03EZHJX242	1	EA	R106		ROHM	
43	RES CHIP 3.3KΩ	MCR03EZHJX332	1	EA	R111		ROHM	
44	RES CHIP 22KΩ	MCR03EZHJX223	4	EA	R102, R105, R110, R116		ROHM	
45	RES CHIP 47KΩ	MCR03EZHJX473	1	EA	R109		ROHM	
46	RES CHIP 68KΩ	MCR03EZHJX683	3	EA	R112, R113, R114		ROHM	
47	SWITCH TACH	SKQLLC(JAPAM ALPUS)	1	EA	S/W1		한영전자	
48	CH X-TAL(UM-5)	CH.FREQ.(FC-21.4)/9	1	EA	X101		TSURUDENPA	수삽
49	X-TAL(49/S)	20.9450MHz - CL 19pF	1	EA	X102	20.9450MHz 공용 사용	쿼즈텍	수삽
49	X-TAL(SMD QS-532)	20.9450MHz - CL 18pF	1	EA	X102_1		쿼즈텍	

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