

hiebook BOM

CONFIDENTIAL

NO	DESCRIPTION	SPECIFICATION	PART NO	Reference	PKG-TYPE	Q'ty	MAKER
	BATTRY	CR2032	CR2032THJ	BT1		1	TOSHIBA
							SANYO
	BATRRY PACK	LI - 1550 mmA	UF103450P			1	
		TSP_TERM		CON10			
	BOARD TO BOARD			CON1		1	DOOWON
	CON_SMC	SMC CARD CONNECTOR	DWS-2130	CON3		1	DOOWON
	CON_AUDIO	3.5 3PIN	SKJS-3511S	CON4		1	
	CON_TOUCH	1.0m/m 4PIN	BL110-04RL	CON5		1	ALMITA
	CONNECTOR LCD	0.5m/m 25PIN	BL112-25	CON6		1	
	CONNECTOR	MINI USB	CSVs-020401	CON7		1	DOOWON
	DC JACK		TDC-018	CON9		1	TECHIH
#	chip bead	800j	HB 1M1608 800J	B22			
#	chip bead	102j	HB 1M1608 102J	B20,B21			

	chip resistor	100K_1%		R111	1608	1	
	chip resistor	10K_1%		R3	1608	1	
	chip resistor	6.8K_1%		R2	1608	1	
	chip resistor	10K	RC1605J103C5	R4,R5,R6,R7,R8,R9,R10, R11,R12,R13,R14,R15,R29, R30,R88,R105, R115,R116,R118,R119,R133, R134	1608	22	
	chip resistor	4.7K	RC1605J472C5	R16,R59,R77	1608	3	
	chip resistor		22 RC1605J220C5	R20,R22,R23,R25,R26,R27, R28,R126,R135	1608	9	
	chip resistor	100K	RC1605J104C5	R57	1608	1	
	chip resistor	3.3K	RC1605J332C5	R62,R65,R89,R102,R103	1608	5	
	chip resistor		100 RC1605J101C5	R63	1608	1	
	chip resistor	1.5M_1%		R68	1608	1	
	chip resistor	470K_1%		R69	1608	1	
	chip resistor	91K_1%		R70	1608	1	
	chip resistor	1.5K	RC1605J152C5	R71,R130,R131	1608	3	
	chip resistor	3.3M	RC1605J335C5	R75	1608	1	

	chip resistor	1M	RC1605J105C5	R76,R81	1608	2	
	chip resistor	18	RC1605J180C5	R78,R79	1608	2	
	chip resistor	2K	RC1605J202C5	R136,R124	1608	2	
	chip resistor	1K	RC1605J102C5	R80	1608	1	
	chip resistor	330K	RC1605J334C5	R98	1608	1	
	chip resistor	750K_1%		R84	1608	1	
	chip resistor	130K_1%		R86	1608	1	
	chip resistor	6.8K	RC1605J682C5	R92	1608	1	
	chip resistor	20K	RC1605J203C5	R95,R107	1608	2	
	chip resistor	33.5K_1%	CR 1/16 F 33.5 KO	R100	1608	1	
	chip resistor	30.1K_1%	CR 1/16 F 30.1 KO	R101	1608	1	
	chip resistor	20K_1%		R112	1608	1	
	chip resistor	499		R114	1608	1	
	chip resistor	91K	RC1605J913C5	R117	1608	1	
	chip resistor	47k	RC1605J473C5	R125,R129	1608	2	
	chip resistor	33	RC1605J330C5	R127,R128	1608	2	
	chip resistor	0.1_1%	SWSL-1206 0.1OHM	R113	3216	1	VISHAY
	chip capacitor	0.1uF_250V	C3225JB2E104K	C100	3225	1	TDK

	chip capacitor	10uF/6.3V	GRM42-64XR106K6-3P	C106,C110,C121	3516	3	MURATA
	chip capacitor	104	C3325J104k	C1,C10,C11,C12,C13,C14, C19,C20,C21,C22,C23,C24, C26,C27,C35,C36,C37,C38, C39,C40,C41,C42,C43,C44, C45,C46,C47,C48,C49,C50, C51,C92,C93,C94,C96,C98, C99,C103,C108,C111,C112, C117,C118,C122,C123,C124, C125,C126,C132,C148	Z 1608	50	samsung
	chip capacitor	18pF	CL10C180ZANG	C2,C3,C16,C17,C101,C142, C146	J 1608	7	samsung
	chip capacitor	103	CL10C103ZANG	C7,C8,C9,C141,C149,C150, C159,C160,C161,C162,C164	K 1608	11	samsung
	chip capacitor	820pF	CL10C821ZANG	C18	J 1608	1	samsung
	chip capacitor	332	CL10C332ZANG	C90,C88	K 1608	2	samsung
	chip capacitor	22pF	CL10C220ZANG	C91	J 1608	1	samsung
	chip capacitor	68pF	CL10C680ZANG	C102	J 1608	1	samsung
#	chip capacitor	47pF	CL10C470ZANG	C172,C173,C174,C175,C176, C177,C178,C179,C180,C181, C182,C183,C184,C185,C186, C187,C188,C189,C190,C191, C192,C193,C104	J 1608	23	samsung
#	chip capacitor	150pF	CL10C151ZANG	C171,C170			
	chip capacitor	224	CL10C224ZANG	C133	Z 1608	1	samsung

chip capacitor	6.8nF	CL10C682ZANG	C140,C151	K 1608	2	samsung	
chip capacitor	102	CL10C102ZANG	C158,C143	K 1608	2	samsung	
chip capacitor	471	CL10C471ZANG	C147,C144	J 1608	2	samsung	
chip capacitor	220pF	CL10C221ZANG	C145	J 1608	1	samsung	
CHIP TANTAL	10uF_6.3V	TCSCS0J106MAAR	C15,C25,C128,C154	A	4	samsung	
CHIP TANTAL	15uF_10V	TCSCS1A156MBAR	C89	B	1	samsung	
CHIP TANTAL(LOW ESR)	15uF_35V	595D156X0035C2T	C95	D	1	VISHAY	
CHIP TANTAL	100uF_6.3V	TCSCS0J107MCAR	C105,C129,C130	C	3	samsung	
CHIP TANTAL	47uF_6.3V	TCSCS0J476MCAR	C109	C	1	samsung	
CHIP TANTAL	10uF_16V	16MCM106MATER	C131,C134	A	2	MARCON	
CHIP TANTAL	3.3uF_25V	TCSCS1E335MBAR	C135,C136,C137,C138,C139	B	5	samsung	
CHIP TANTAL	1.5uF_6.3V	TCSCS0J155MAAR	C152	A	1	samsung	
CHIP TANTAL	2.2uF_6.3V	TCSCS0J225MAAR	C153	A	1	samsung	
CHIP TANTAL	220uF_6.3V	TEMSVD OJ 227M12R	C155,C156	D	2	NEC	
CHIP DIODE		MBR0540	D2	SOD-123	1	MOTOROLA	
CHIP DIODE		BAS21LT1	D3	SOT-23	1	MOTOROLA	
CHIP LED		BL-H SI35-TR	D5	2012	1	BRIGHT	
CHIP INDUCTOR	(22uH)	BSD-4020R 220M	L2	4020	1	? ?	

	CHIP INDUCTOR	(330uH)	BDS-4020S 331M	L3	4020	1	? ?
	CHIP INDUCTOR	(10uH)	BSD-4020R 100M	L4	4020	1	? ?
	MICROPHONE PACK	MICROPHONE	SKB-1844-C33G	MIC1		1	KYOCERA EL
		SILICON HOLDER					
		CONNECTOR					
	s/w PUSH BUTTON		PT-036-B2F	SW2,SW3,SW6		3	HORING
	s/w TACT		169GF-2	SW4,SW5,SW7		3	HUA-JIE
	mcu	66MHZ	S3C44B0X01-EDRO	U1	160-LQFP-2424 160p	1	samsung
	sdram	8MB	K4S641632D-TC75000	U2	TSOP II 54p	1	samsung
	nor flash	2MB	TE28F160C3BA90	U4	TSOP 48p	1	intel
	nand flash	16MB	K9F2808UOA-YCB0000	U5	TSOP 48p	1	samsung
	logic ic		74LCX32MTC	U6	TSOP 14p	1	FSC
	logic ic		74LCX14MTC	U7	TSSOP 14p	1	FSC
	logic ic		74LCX125MTC	U8	TSSOP 20p	1	FSC
	logic ic		74LCX244MTC	U11	TSSOP 20p	1	FSC
	logic ic		FDC6321C	U15,U16	TSSOP super sot-6	2	FSC
	dc-dc convertor	MAX686	MAX686EEE	U17	QSOP 14PIN	1	MAXIM
	usb chip		PDIUSB12PW	U18	SOT361-1	1	PHILIPS
	el driver ic		HV830LG	U18	ms-012AA 8p	1	SUPERTEX

	dc-dc convertor	TPS62000DGS	TPS62000DGS	U20	DGSR 10PIN	1	TI
	power ic	TPS77101DGK	TPS77102DGK	U24	DGKR 8PIN	1	TI
	power ic		74VHC74MTC	U25	TSSOP 14P	1	FSC
	buzzer	PIEZO		U27	20PIE, 50mm	1	
	CHARGER IC		BQ24007PWP	U28	PWP 20PIN	1	TI
	OP AMP		lm324D	U29	D 14PIN	1	TI
	mp3 decoder		MAS 3519F LQFP64	U30	LQFP64	1	MICRONAS
	logic ic	74LVX374	74LVX374	U33	TSSOP 20P	1	FSC
	x-tal	32.768KHz		X1	ATS SLIM	1	MICRO TECH
	x-tal	10MHz		X2	ATS SLIM	1	MICRO TECH
	x-tal	6MHz		X4	ATS SLIM	1	MICRO TECH
	x-tal	18.432Mhz		X5	ATS SLIM	1	MICRO TECH
	LCD/touch screen				5.6" FPC TYPE	1	WINTEK
	USB CABLE				1.5M	1	DOOWON
	PCB				0.6T	1	

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]