

Appendix 7.

Part list

Doc No		-											
Model No		Tizzbird N1											
Date		12.08.10											
Rev No		REV1.0A											
Tizzbird N1 BOM(Bill of Material)													
PART NAMES		COLOR	PART NO	QTY	Rev No.	승인 여부			MATERIALS	Vendor (자재승인기준)	SPECIFICATION		
						부품 승인	E.C.O No	VPC E.C.O No			DESCRIPTION		
PART NAMES			PART NO	QTY	Rev No.				REFERENCE	Vendor	DESCRIPTION	Part Number	PACKAGE
ASSY PCB-Main			ABA000039	1	1.0A								
BARE PCB(MAIN)			APC000033	1					MAIN PCB	ATS PCB	46.25X20(Layer.1.6)		
CAPACITOR			AML000067	6					C28,C29,C30,C31,C32,C33	SEM	18pF/50V	CL05C180JB5NNNC	1005
CAPACITOR			AML000046	1					C35	SEM	1nF/50V	CL05B102JB5NNNC	1005
CAPACITOR			AML000099	1					C36	SEM	2.2nF/50V	CL05B222KB5NNNC	1005
CAPACITOR			AML000044	42					BP1,BP2,BP3,C4,BP4,BP5,BP6, BP7,BP8,BP9,BP10,BP11,BP12,BP13,BP14, BP15,C16,C17,C18,BP18,C19,BP19,C20,BP20,C21, BP21,C22,BP22,C23,BP23,C24,BP24,C25,BP25,C26, BP27,C28,BP29,BP30,BP31,BP32,BP33,C33	SEM	100nF/10V	CL05B104KPSNNNC	1005
CAPACITOR			AML000043	6					C34,C38,C39,C40,C41,C42	SEM	1uF/6.3V	CLO5A105KQ9NNNC	1005
TANTAL CAPACITOR			AML000070	4					CT4,CT5,CT6,CT7	SEM	10uF/6.3V	CL10A106KQ8NNNC	1608
VARISTOR			AVVA00001	5					ED1,ED2,ED3,ED4,ED5	ICT	ULCE0505C015FR	ULCE0605C015FR	1005
BEAD			ABE000005	2					BD1,BD2	EROCORE	CB100505T-121	CB100505T-121	1005
RESISTOR			ARE000050	8					R4,R5,R33,R36,R45,R49,R52,R56,R203	SEM	0	RC1005J000CS	1005
RESISTOR			ARE000109	2					R61,R103	SEM	44.2(F)	RC1005F44R2CS	1005
RESISTOR			ARE000112	3					R7,R47,R48	SEM	240(F)	RC1005F241CS	1005
RESISTOR			ARE000118	3					R57,R76,R150	SEM	1K(F)	RC1005F102CS	1005
RESISTOR			ARE000115	2					R77,R78	SEM	1.8K	RC1005J182CS	1005
RESISTOR			ARE000117	2					R69,R70	SEM	2.2K	RC1005J222CS	1005
RESISTOR			ARE000106	1					R60	SEM	4.64K(F)	RC1005F4641CS	1005
RESISTOR			ARE000099	4					R62,R66,R72,R73	SEM	4.7K	RC1005J1472CS	1005
RESISTOR			ARE000053	3					R55,R64,R65	SEM	10K	RC1005J103CS	1005
RESISTOR			ARE000102	1					R79	SEM	27K(F)	RC1005F272CS	1005
RESISTOR			ARE000103	2					R85,R193	SEM	47K	RC1005J473CS	1005
RESISTOR			ARE000113	2					R59,R63	SEM	2M	RC1005J205CS	1005
RESISTOR			ARE000111	1					R58	SEM	6.2M	RC1005J625CS	1005
DIODE			AD000004	2					D1,D2	WTE	SS1040-T1	SS1040-T1	SOD123
DDR3 SDRAM			AIC000090	2					U2,U3	HYUNX	HYSTQ2GB3BFR-PBC(256MB)	HYSTQ2GB3BFR-PBC	BGA
COMMON MODE ESD FILTER			AF000006	2					U5,U6	ICT	ICMEF214P101MFR	ICMEF214P101MFR	SMT
MAIN PROCESSOR			AIC000091	1					U1	Teledips	TCC8925C	TCC8925C	BGA
CRYSTAL			AXT000019	1					Y2	seenkwang	12MHz/3225	12MHz/3225	SMT
CRYSTAL			AXT000009	1					Y1	seenkwang	32.768KHz/3215	32.768KHz/3215	SMT
CRYSTAL			AXT000020	1					Y3	seenkwang	27MHz/3225	27MHz/3225	SMT
CONNECTOR 60PIN			ACN000048	1					JH1	PANASONIC	AXX660347YG	AXX660347YG	SMT
HDMI CONNECTOR			ACN000049	1					JC1	MICRO PLUS	HDMC-A068H99	HDMC-A068H99	
SERIAL LABEL			ALA000001	1									
ASSY PCB-Sub (KS) 한국			ABA000040		1.0								
ASSY PCB-Sub (CH) 중국			ABA000041	1	1.0								
ASSY PCB-Sub (EU)유럽			ABA000042		1.0								
BARE PCB(SUB)			APC000034	1					SUB PCB	ATSPCB	50X20(4Layer.1.0)		
CAPACITOR			AML000071	1					C56	SEM	1.8pF/50V	CL05C180CB6NNNC	1005
CAPACITOR			AML000072	1					C48	SEM	180pF/50V	CL05C181JB5NNNC	1005
CAPACITOR			AML000060	1					C57	SEM	100pF/50V	CL05C101JB5NNNC	1005
CAPACITOR			AML000069	1					C50	SEM	2.2nF/50V	CL05B222KB5NNNC	1005
CAPACITOR			AML000044	5					C10,C12,C13,C27,C46	SEM	100nF/10V	CL05B104KPSNNNC	1005
CAPACITOR			AML000043	19					C9,C11,C25,C28,C29,C30,C32,C33, C34,C35,C36,C37,C38,C39,C40,C41,C51,C52,C54	SEM	1uF/6.3V	CLO5A105KQ9NNNC	1005
CAPACITOR			AML000041	3					C42,C43,C45	SEM	2.2uF/6.3V	CLO5A225KQ9SNSNC	1005
CAPACITOR			AML000015	4					C26,C49,C55,C58	SEM	1uF/6.3V	CL10A475KQ8NNNC	1608
CAPACITOR			AML000070	4					C31,C44,C47,C53	SEM	10uF/6.3V	CL10A106KQ8NNNC	1608
RESISTOR			ARE000060	2					R45,R48	SEM	33	RC1005J330CS	1005
RESISTOR			ARE000126	1					R38	SEM	470	RC1005J471CS	1005
RESISTOR			ARE000099	5					R8,R9,R23,R24,R42	SEM	4.7K	RC1005J472CS	1005
RESISTOR			ARE000103	11					R11,R12,R13,R14,R15,R16,R28,R29,R30,R32,R37,R39	SEM	47K	RC1005J473CS	1005
RESISTOR			ARE000092	1					R19	SEM	300K(F)	RC1005F304CS	1005
RESISTOR			ARE000105	1					R25	SEM	120K(F)	RC1005F124CS	1005
RESISTOR			ARE000125	2					R18,R36	SEM	100K(F)	RC1005F104CS	1005
RESISTOR			ARE000102	1					R27	SEM	27K(F)	RC1005F272CS	1005
RESISTOR			ARE000116	1					R31	SEM	22K	RC1005J223CS	1005
RESISTOR			ARE000053	1					R26	SEM	10K	RC1005J103CS	1005
RESISTOR			ARE000052	2					R20,R40	SEM	1K	RC1005J102CS	1005
RESISTOR			ARE000050	4					R47,R50,R56,R57	SEM	0 ohm(1005)	RC1005J000CS	1005
INDUCTOR			AIN000021	1					L8	MURATA	10nH	LQG15H52N7S02D	1005
INDUCTOR			AIN000022	1					C20	MURATA	8.2nH	LQG15H51N2S02D	1005
POWER INDUCTOR			AIN000023	3					L3,L4,L5	CHILISIN	MPB252012T-2R2M	MPB252012T-2R2M	2520
VARISTOR			AVVA00001	8					ED1,ED2,ED3,ED4,ED5,ED6,ED7,ED8	ICT	ULCE0505C015FR	ULCE0505C015FR	1005
DIODE			AD000015	1					D1	DIODES	BZT52C51	BZT52C51	SOD123
LED			ALE000012	1					D2	HARVATEK	HT19-215UBC-5A	TOP VIEW(BLUE)	1608
DIODE			AD000012	1					D3	ON SEMI	NSR0320MMW	NSR0320MMW	SOD323
TRANSISTOR			ATR000002	1					Q1	ONSEMI	MMBT3904TT1-D	MMBT3904TT1-D	
LOAD FET			AIC000092	1					U7	SILERGY	SY6288CAAC	SY6288CAAC	SOT-23-6
WiFi Module			AIC000093	1					U8	RF-LINK	RTL8189 WiFi Module	RTL8189 WiFi Module	BGA
LDO			AIC000094	1					U3	DIODES	AP7335-33	AP7335-33	SOT-23-6
MICOM			AIC000095								78F9222 (EU) 유럽	78F9222 (EU) 유럽	
			AIC000096	1					U4	NEC	78F9222 (KS) 한국(N1M_512MB)	78F9222 (KS) 한국	SSOP 20
			AIC000097								78F9222 (CH) 중국	78F9222 (CH) 중국	
PMIC			AIC000098	1					U6	RICHO	RN5T614G2	RN5T614G2	QFN
USB A-Type CON			AJA000098	1					JC1	LRCOM	200-US04X339F	200-US04X339F	DIP
CONNECTOR 60PIN			ACN000050	1					JH1	PANASONIC	AXX560147YG	AXX560147YG	SMT
MICRO USB CON			ACN000051	1					JC2	SINOTECH	2073-01-07A1	2073-01-07A1	SMT
MICRO SD SOCKET			ACN000052	1					JM1	MTSUMI	CIM-H75N2-R41-A209A	CIM-H75N2-R41-A209A	SMT
SMT GASKET			AGA000001	1					ANT Contact Gasket	DOOSUNG	IDSMT-W-3-3-2-H	IDSMT-W-3-3-2-H	SMT
FPCB ANT			AAN000001	1					ANT	RADIANT	2.4GHz WiFi용 FPCB ANT	2.4GHz WiFi용 FPCB ANT	SMT
T-FLASH(4GB)			ATF000001	1					T-FLASH	SAN DISK	T-FLASH Memory(4GB,CLASS4)	T-FLASH Memory(4GB,CLASS4)	
GASKET			ACA000002	1					단면 도면형 GASKET Form	무성산업	SIZE 40x, 높이 0.5T		

Description	Package
RES-SMD 0402 1/20W 10K +/-5%	0402
RES-SMD 0402 1/20W 1M +/-5%	0402
CCAP-SMD 0402 1.2pF 50V +/-0.25pF COG	0402
CCAP-SMD 0402 1pF 50V +/-0.25pF COG	0402
CCAP-SMD 0402 5.6pF 50V +/-0.25pF COG	0402
CCAP-SMD 0402 7pF 50V +/-0.25pF COG	0402
CCAP-SMD 0402 12pF 50V +/-0.25pF COG	0402
CCAP-SMD 0402 15pF 50V +/-0.25pF COG	0402
CCAP-SMD 0402 22pF 50V +/-0.25pF COG	0402
CCAP-SMD 0402 100pF 50V +/-0.25pF COG	0402
CCAP-SMD 0402 0.1uF 50V +/-10% COG	0402
CCAP-SMD 0603 4.7uF 6.3V +/-5% X5R	0603
CCAP-SMD 0603 10uF 6.3V +/-5% X5R	0603
RF Induc-SMD 0402 10nH 100mA +/-0.3nH	0402
RF Induc-SMD 0402 2.7nH 100mA +/-0.3nH	0402
Power Induc-SMD 2012 4.7uH 800mA 2012 2.0*1.25*0.9 Sunlord:MPL2012S4R7MHT	0806
Crystal-SMD 40MHz CL=10pF 10ppM LF 3225 Siward:XTL571100-A98-053	3225
IC Smart WIFICOMBOM, RTL8189ES QFN32	QFN32 5*5
PCB RL-SM02B V1.0 4L FR4 ROHS GOLD 0.6MM 14mm*12.5mm	

拟制:

审核:

批准: