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1.5 Bill of Materials

BTR501 module					
Date: 16/04/2009					
IC	Quantity	Part no.	Part Name	Description 1	Value
	1	U1	8M flash	3V 8M Flash	
	1	U2	BT chipset	Bluetooth V2.1 + EDR chip	
	1	F1	Filter	Balance Filter	
Xtal					
	1	X1	XTAL_TSX10, 26 MHz	26 MhzCrystal	
CAP					
	1	C1	Cap/22N,22nF	CHIP CAPACITOR	22nF
	2	C3, C4	Cap/47P,47pF	CHIP CAPACITOR	47pF
	1	C5	Cap/22p,22pF	CHIP CAPACITOR	22pF
	2	C10, C15	Cap/15P,15pF	CHIP CAPACITOR	15pF
	1	C12	Cap/1.2p,1.2pF	CHIP CAPACITOR	1.2pF
	2	C7, C17	Cap/1U,1uF	CHIP CAPACITOR	1uF
	3	C6, C8-9	Cap/10N,10nF	CHIP CAPACITOR	10nF
	1	C11	Cap/10N,10nF	CHIP CAPACITOR	10nF
	1	C2	Cap/47N,47nF	CHIP CAPACITOR	47nF
	1	C16	Cap/100n,100nF	CHIP CAPACITOR	100nF
	1	C18	Cap/1n,1nF	CHIP CAPACITOR	1nF
IND					
	1	FB1	IND/10u	CHIP INDUCTOR	10uH
	1	L3	IND/4.7NH,4.7nH	CHIP INDUCTOR	4.7nH
	1	L4	IND/100u	CHIP INDUCTOR	100uH
RES					
	2	R1, R4	R/330R,330R	CHIP RESISTOR	330R
	4	R2, R3, R7, R13	R/0R,0R	CHIP RESISTOR	0R
	1	R9	R/100k,100k	CHIP RESISTOR	100k
	1	R12	R/1M,1M	CHIP RESISTOR	1M
	4	R14	R/NC,NC	CHIP RESISTOR	330R
PCB					
	1		BTR501	PCB	

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时间: 2009-04-07

Model : SR-495 U-B

Item	Part No	Part's Name	Part's Description	QTY	Remark	Apr. No
1	100R-00SR4952-000	PCB	14x12.5mm THICK 1.0mm S.S	1	PCB2	AE3660
2	100R-00SR4953-000	PCB	26x9mm THICK 1.0mm S.S 94HB	1	PCB3	AE3659
3	101R-TDA2822M-DP0	IC	TDA2822M DIP IC	2	U3.4	AE3348
4	102R-PB22E60M-040	SWITCH	PB22E60	1	J2	AE1155
5	102R-RS314R20-040	SWITCH	RS-314R20A1 H=3.8mm	6	S1-6	AE3232
6	115R-YJ304RBP-RB0	LED	D3x3.85mm YJ304RBP-B 半圆	1	LED1	AE3286
7	115R-YJ304RCP-RD0	LED	D3x3.85mm YJ304RCP-A	1	LED2	AE3301
8	116R-A3060100-DC1	ADAPTOR	KSS12-060-1000J "PSE" DC6V1A	1		
9	123R-00DS213D-DC0	DC JACK	DS-213D	1	J1	AE1609
10	123R-02PTN2MM-JA0	JACK	2PIN PITCH 2mm 180°	4	SPR/L.T1~2	AE3498
11	123R-03PTN2MM-JA0	JACK	3PIN PITCH 2mm 180°	1	DC_IN CN01	AE3491
12	127R-479KFID0-000	AM OSC. COIL	CHOKE 4.7uH ϕ 3x8 +/-10%	1	L3	AE3669
13	133R-1R508040-PS0	SPEAKER	8OHM 2W ϕ 40 M(40-35)NL-1-C-PF	2	SP-L/R	AE3655
14	135R-100M2504-071	E.CAP.	10UF/25V, +/-20% D4X7MM105°C	3	C12.21.36	
15	135R-221M1006-051	E.CAP.	220UF/10V +/-20%D6X5mm105°C	3	C15.24.33	
16	135R-470M1604-070	E.CAP.	47UF 16V 4x7mm +/-20%	5	c8.31.39.41.49	
17	135R-47M5004-050	E.CAP.	4.7uF +/-20% 50V 4x5mm 105°C	2	C10.19	AE2554
18	143R-PCP1271X-050	HEADER PIN	1P5T 1.27x6.3 +/-0.15	1	BAT BOX TO PCB	AE3671
19	143R-PCP1271X-120	HEADER PIN	1P12T 1.27x6.3 +/-0.15	1	BAT BOX TO PCB	AE3672
20	163R-GJ070030-030	WIRE	3PIN PITCH 2mm 26# L=70 3S	1	DC_IN CN01	AE3670
21	163R-GJ080020-030	WIRE	2PIN 2.0mm 26# 80mm 3S	3	SP-L/R.BAT	AE3668
22	163R-GJ110020-030	WIRE	2P L=110mm 26# PITCH=2mm	1	SW1	AE2452

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23	167R-0EM6050P-MIO	MIC	EM-6050P	1	MIC	AE3347
24	178R-00BTR501-BLT	bluetron module	14.5x18.4x2.2mm BTR501	1	U1	

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Date:	Date:	Date:

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1	100R-0SR495N1-010	PCB	37x67mm THK:1.2mm D.S FR4	1	MCU-PCB	
2	100R-0SR495N2-010	PCB	88.5x35mm THK:1.2mm D.S FR4	1	AMP-PCB	
3	101R-000A33CB-SO0	IC	RT9167A-33CB 3.3V SOT-25	2	U6.7	AE3292
4	101R-TPA6112A-SO0	IC	TPA6112A2DGQR 10PIN SMD	1	U2	AE3290
5	107R-103K500C-DD0	CHIP C.CAP	0.01uF/50V +/-10% 0603	6	C32.40.43.45.13.22	
6	107R-104Z250C-DD0	CHIP C.CAP	0.1uF/25V +80/-20% 0603	9	C7.42.44.14.16.17.25.26.23	
7	107R-105Z25FC-DD0	CHIP C.CAP	1uF/25V +80/-20%-Y5V 0603	7	C2.3.4.5.6.29.30	
8	107R-150J50CC-DD0	CHIP C.CAP	15PF/50V +/-5% NPO 0603	1	C27	
9	107R-223K500C-DD0	CHIP C.CAP	0.022uF/50V +/-10% 0603	2	C11.20	
10	107R-225K50CB-DD0	CHIP.CAP.	2.2uF/50V +/-10% 0805	2	C28.10	
11	107R-472K500C-DD0	CHIP C.CAP	4700PF/50V +/-10% 0603	2	C9.18	
12	107R-473Z50FC-DD0	CHIP C.CAP	0.047uF/50V +80/-20% 0603	1	C46	
13	145R-ANT0022G-000	bluetron antenna	2.450GHZ 5x2x1.1mm	1	ANT	AE0758
14	164R-000J0T01-000	CHIP C.RES	0 OHM 1/10W +/-5% 0603	1	R50	
15	164R-104J0T01-000	CHIP C.RES	100K OHM 1/10W +/-5% 0603	3	R19.21.25	
16	164R-154J0T01-000	CHIP C.RES	150K OHM 1/10W +/-5% 0603	1	R29	
17	164R-183J0T01-000	CHIP C.RES	18K OHM 1/10W +/-5% 0603	2	R9.13	
18	164R-222J0T01-000	CHIP C.RES	2.2K OHM 1/10W +/-5% 0603	3	R17.18.43	
19	164R-223J0T01-000	CHIP C.RES	22K OHM 1/10W +/-5% 0603	8	R1~8	
20	164R-224F0T01-000	CHIP C.RES	220K OHM 1/10W +/-1% 0603	1	R30	
21	164R-334J0T01-000	CHIP C.RES	330K OHM 1/10W +/-5% 0603	1	R24	
22	164R-472J0T01-000	CHIP C.RES	4.7K OHM 1/10W +/-5% 0603	1	R27	AE0820

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23	164R-473J0T01-000	CHIP.C.RES	47K OHM 1/10W +/-5% 0603	12	R33-42.51.28	
24	164R-4R7J0T01-000	CHIP.C.RES	4.7 OHM 1/10W +/-5% 0603	4	R11.12.15.16	
25	164R-821J0T01-000	CHIP.C.RES	820 OHM 1/10W +/-5% 0603	4	R22.23.10.14	AE3081
26	183R-0BLM31PG-000	SMD COIL	.BLM31PG601SN1L 1206	1	L4	AE3191
27	183R-159KCHDB-TS0	CHIP COIL	15NH +/-10% 0.40 100MHZ	1	L2	AE3289
28	183R-178KCHDD-TS0	CHIP COIL	1.8NH +/-10% SMT 0603	1	L1	AE3657
29	183R-CBG20120-TS0	CHIP COIL	CBG201209U601-600R	3	F1.2.3	AE3656

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