

Level	Item Number	Part Description	Rev	Lifecycle Phase	Find Num	Qty	UM	Ref Des	Notes
0	SPA9503-18	PA,18W,PCS-SCPA FOR MICRO BTS APPLICATION							
1	800-01004-001	AMPLIFIER ASSY, SPA9510-10		4 Prototype		0	1 EA		
2	100-02535-004	WALL,SIDE,SPA9510-10		1 Prototype		1	1 EA		
3	D100-02535	WALL,SIDE,SPA9510-10		2 Prototype		0	REF		
2	500-00987-002	CCA, RF DRIVER/MAIN SPA9500-10		1 Prototype		2	1 EA		
3	120-121		A	Production		1	4 EA		
3	120-239		A	Production		2	6 EA		
3	120-333		A	Production		3	2 EA		
3	400-00987-002	CCA, RF DRIVER/MAIN SPA9510-10		1 Prototype		4	1 EA		
4	100-02534-003	RF CARRIER, SPA9510-10		2 Prototype		1	1 EA		
4	200-00851-004	PCB, RF MAIN SPA9500-10		3 Prototype		2	1 EA		
4	200-00987-002	PCB, RF DRIVER SPA9500-10		Prototype		3	1 EA		
4	03003-151		B	Production		4	1 EA	R30	
4	03003-104		A	Production		5	2 EA	R2,R34	
4	03003-120		A	Production		6	9 EA	R11,R12 P,13,R15,R16,R18,R21,R24,R25	
4	03003-301		A	Production		7	2 EA	R1,R33	
4	03003-510		A	Production		8	2 EA	R3,R29	
4	03003-681		A	Production		9	1 EA	R4	
4	03003-682		A	Production		10	2 EA	R19,R20	
4	03016-270		A	Production		11	18 EA	C3,C4,C5,C8,C15,C26,C28,C33,C37,C40,C41,C43,C45,C50,C51,C52,C53,C64	
4	03024-103		B	Production		12	1 EA	C1	
4	03024-104		A	Production		13	5 EA	C6,C7,C9,C12,C13	
4	03505-001		A	Production		14	1 EA	C25	
4	11155-220		A	Production		15	9 EA	L1,L2,L3,L4,L11,L12,L13,L14,L15	
4	11637-150		A	Production		16	1 EA	C14	
4	12044-001		A	Production		17	2 EA	C10,C11	
4	140-029		A	Production		18	3 EA	R14,R22,R23	
4	161-027		A	Production		19	6 EA	C30,C36,C42,C46,C54,C55	
4	161-094		A	Production		20	2 EA	C2,C65	
4	161-101		B	Production		21	8 EA	C27,C32,C35,C47,C49,C56,C57,C63	
4	161-137		A	Production		22	2 EA	C31,C38	
4	164-087		A	Production		23	3 EA	C29,C44,C48	
4	170-036		A	Production		24	6 EA	C34,C39,C58,C59,C61,C62	
4	180-065		A	Production		25	3 EA	CR1,CR2,CR3	
4	920-00213-001		A	Production		26	6 EA	L5,L6,L7,L8,L9,L10	
4	920-00224-002		A	Production		27	2 EA	CP2,CP3	
4	920-00275-002		A	Production		28	1 EA	CP1	
4	920-00349-001		A	Production		30	1 EA	U2	
4	922-00186-005		A	Production		31	3 EA	J1,J2,J3	
4	923-00003-201		A	Production		32	1 EA	R5	
4	923-00019-503		A	Production		33	1 EA	R27	
4	923-00030-500		A	Production		34	1 EA	R17	
4	923-00074-001		B	Production		35	1 EA	R28	
4	924-00034-001		A	Production		36	1 EA	U4	
4	925-00156-001		A	Production		37	1 EA	U1	
4	925-00068-001		A	Production		38	1 EA	Q3	
4	157-205		A	Production		39	1 EA	R8	
4	157-196		A	Production		40	2 EA	R6,R7	

4 03003-680		A	Production	41	2 EA	R31,R32
3 121-116		A	Production	5	6 EA	
3 121-130		A	Production	6	2 EA	
3 121-133		A	Production	7	4 EA	
3 121-212		A	Production	8	6 EA	
3 121-218		A	Production	9	2 EA	
3 920-00348-001		A	Production	10	1 EA	U3
3 924-00034-001		A	Production	11	1 EA	U4
3 924-00035-001		A	Production	12	2 EA	U5,U6
3 925-00068-001		A	Production	13	1 EA	Q3
3 D300-00851	SCHEMATIC, RF MAIN SPA9510-10		5 Prototype	0 REF		
3 D300-00987	SCHEMATIC, RF DRIVER SPA9510-10		2 Prototype	0 REF		
3 D500-00987	CCA, RF DRIVER/MAIN SPA9510-10		2 Prototype	0 REF	EA	
2 100-02618-002	COVER,RF,SPA9500-10		2 Prototype	3	1 EA	
3 D100-02618	COVER,RF,SPA9510-10		2 Prototype	0 REF		
2 100-02539-002	COVER,SPA9510-10		2 Prototype	4	1 EA	
3 D100-02539	COVER,SPA9510-10		2 Prototype	0 REF		
2 920-00351-005		A	Production	5	2 EA	
2 920-00351-006		A	Production	6	1 EA	
2 500-00999-002	CCA, ALARM 10W PCS REPEATER	A	Prototype	7	1 EA	
3 D500-00999	CCA, ALARM 10W PCS REPEATER	A	Prototype	0 REF		
3 200-00999-002	PCB, ALARM 10W PCS REPEATER		1 Prototype	1	1 EA	
4 D200-00999	PCB, ALARM 10W PCS REPEATER		2 Prototype	0 REF		
3 950-00004-125		A	Production	2	4 EA	
3 03003-101		A	Production	3	1 EA	R51
3 03003-102		A	Production	4	2 EA	R44,R58
3 03003-103		A	Production	5	17 EA	R1,R2,R3,R4,R8,R35,R36,R43,R46,R47,R48,R50,R53,R59,R64,R65,R70
3 03003-123		B	Production	6	4 EA	R41,R49,R63,R66
3 03003-153		B	Production	7	4 EA	R38,R52,R60,R69
3 03003-471		A	Production	8	1 EA	R5
3 03003-472		B	Production	9	9 EA	R7,R24,R25,R26,R27,R28,R29,R30,R31
3 03003-512		B	Production	10	1 EA	R33
3 03003-104		A	Production	11	2 EA	R61,R68
3 11155-124		A	Production	12	1 EA	L1
3 11637-150		A	Production	13	1 EA	C25
3 11775-010		B	Production	14	3 EA	R20,R21,R72
3 131-526		A	Production	15	1 EA	JP1
3 157-160		A	Production	16	12 EA	R9,R10,R11,R13,R14,R15,R16,R18,R23,R34,R37,R45
3 157-237		B	Production	17	2 EA	R6,R32
3 157-265		A	Production	18	1 EA	R55
3 161-094		B	Production	19	8 EA	C 24,C4,C7,C21,C22,C38,C39,C43
3 161-096		A	Production	20	30 EA	C1,C2,C3,C5,C6,C8,C9,C10,C11,C12,C13,C16,C17,C18,C23,C26,C27,C28,C30,C31,C32,C34,C36,C37,C40,C41,C42,C44,C45,C46
3 170-037		A	Production	21	1 EA	C14
3 200-030		B	Production	22	3 EA	Q1,Q2,Q3
3 927-00005-001		B	Production	23	1 EA	Y1
3 920-00223-001		A	Production	24	1 EA	U12
3 921-00009-001		A	Production	25	2 EA	C19,C35
3 921-00021-220		A	Production	26	2 EA	C29,C33

3 921-00101-226	A	Production	27	1	EA	C20
3 921-00103-685	A	Production	28	1	EA	C15
3 922-00118-006	A	Production	29	1	EA	J6
3 922-00136-002	A	Production	30	1	EA	J3
3 922-00153-004	A	Production	31	1	EA	J2
3 922-00158-010	A	Production	32	1	EA	J1
3 923-00004-005	A	Production	33	1	EA	R71
3 923-00023-001	A	Production	34	4	EA	R19,R22,R39,R40
3 180-065	A	Production	35	1	EA	CR2
3 923-00032-103	A	Production	36	3	EA	R54,R56,R57
3 925-00021-001	A	Production	37	2	EA	U6,U11
3 925-00026-001	A	Production	38	1	EA	U4
3 925-00031-001	A	Production	39	1	EA	U8
3 925-00053-001	A	Production	40	1	EA	U1
3 925-00085-001	A	Production	41	1	EA	U10
3 925-00086-001	A	Production	42	1	EA	U5
3 925-00098-002	B	Production	43	1	EA	U9
3 925-00114-002	A	Production	44	1	EA	U7
3 925-00138-001	A	Production	45	1	EA	U2
3 925-00155-001	A	Production	46	1	EA	U3
3 926-00003-001	A	Production	47	1	EA	CR1
2 200-01016-001	A	Production	8	3	EA	
3 D200-01016		1 Prototype	0	REF		
2 130-322		1 Prototype	9	2	EA	
2 120-209	A	Production	10	34	EA	
2 120-202	A	Production	11	22	EA	
2 121-212	A	Production	12	22	EA	
2 120-121	A	Production	13	8	EA	
2 121-210	A	Production	14	8	EA	
2 951-00063-007	A	Production	15	1	EA	
	A	Inactive				

Component List

PRO.Name	신형기지국 PCS		DOC.Name	수출형(미국 PCS A BAND) BUDA		DOC.No.	CB982			Item No.	BUDA-EA
Assy Brf.	Drawn	Date	Chkd.	Date	Appr.	Date	Ref. Name	Mgmt.	Date	Issue	Sheet 1 of 10
BUDA-EA	김태영	1999.09.29	김용기		김우식		정언상	최순애		0.1	
			정언상								

No	Desig. No.	Component Name	Qty/Unit	Desc./Remark	등급	*Maker	Shop	Item No.
1		ANH-A60-030000	2EA	NUT		DSMB		ANH-A60-030000
2		ASP-C60-030080	2EA	SCREW (STAINLESS TYPE)		DSMB		ASP-C60-030080
3		ASP-W60-030060	2EA	SCREW (P.W+S.W)		DSMB		ASP-W60-030060
4		ASP-W60-030240	25EA	SCREW (P.W+S.W)		DSMB	F/W-T	ASP-W60-030240
5		CB 938	1EA	DCN MICRO BTS(MCC)		LGIC		BUDD
6		CB 985	1EA	BUDA-EA RF PLL DAUGHTER BD		LGIC		BUPD-EA
7	C116,124,115,313,86,99,100,87,95,97,101,41,122,131,146,148,149,102,108,109,107,126,106,104,105,103,120,117,127,121,118,82,98,368,393,29	CM21X7R103K50AT	36EA	CAP,CERAMIC,HIGH-DIELECTRIC, 0.01uF,10%,50V,0805(SMD),X7R	비표준	AVKY	SMD	ECC-H1H-103K5J
8	BC7,32,5,30,13,31,3,8,25,22,19,9,37,34,4,36,24,15,16,23,10,12,17,33,14,21,6,11,42,27,2,41,38,40,35,39,26,29,1,18,43,44,45	CM21X7R103K50AT	43EA	CAP,CERAMIC,HIGH-DIELECTRIC, 0.01uF,10%,50V,0805(SMD),X7R	비표준	AVKY	SMD	ECC-H1H-103K5J
9	C76,158,185,197,214,299,310,292,262,268,247,159,216,215,191,199,114,123,113,77,157,184,198,207,297,306,290,260,248,269,160,209,208,192,200,484	CM21X7R103K50AT	36EA	CAP,CERAMIC,HIGH-DIELECTRIC, 0.01uF,10%,50V,0805(SMD),X7R	비표준	AVKY	SMD	ECC-H1H-103K5J
10	C6,128,129,171,172,186,187,253,257,304,333,344,349,356,376,378,379,374,363,370,364,346,359,245,246,472,473,474,475,476,466,458,460,453,455,394,2,3	CM21X7R104J50AT	38EA	CAP,CERAMIC,HIGH-DIELECTRIC, 0.1uF,5%,50V,0805(SMD),X7R	비표준	AVKY	SMD	ECC-H1H-104J5D
11	C340,353	CM21X7R223J50AT	2EA	CAP,CERAMIC,HIGH-DIELECTRIC, 0.022uF,5%,50V,0805(SMD),X7R	비표준	AVKY	SMD	ECC-H1H-223J5A
12	C194,196,201,206,218,220,221,222	08055C332KAT2A	8EA	CAP,CERAMIC,HIGH-DIELECTRIC, 3300pF,10%,50V,0805(SMD),X7R	비표준	AVKY	SMD	ECC-H1H-332K5A
13	C190,386,293,294,249,250	08055C473JAT2A	6EA	CAP,CERAMIC,HIGH-DIELECTRIC, 0.047uF,5%,50V,0805(SMD),X7R	비표준	AVKY	SMD	ECC-H1H-473J5A
14	C7,8,20,22,30,31,33,34,53,55,57,60,61,62,65,66,470,94,81,85,91,78,74,70,75,69,56,54,52,454,456,457,459,37,36	CM21CG101J50AT	35EA	CAP,CERAMIC,TEMP-COMPENSATE, 100pF,5%,50V,0805(SMD),COG	비표준	AVKY	SMD	ECC-T1H-101J5F
15	C288,271,241,229,227,177,142,163,72,80,387,166,183,175,204,311,287,270,240,230,228,176,164,143,180,219,242,243,244,251,254,258,263,266,267,272,273,274,275,276,277,279,280,71	CM21CG102J50AT	44EA	CAP,CERAMIC,TEMP-COMPENSATE, 1000pF,5%,50V,0805(SMD),COG(NP0)	비표준	AVKY	SMD	ECC-T1H-102J5E

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PRO. Name		신형기지국 PCS		DOC. Name		수출형(미국 PCS A BAND) BUDA		DOC. No.		CB982		Item No.		BUDA-EA									
Assy Brf.		Drawn		Date		Chkd.		Date		Appr.		Date		Ref. Name		Mgnt.		Date		Issue		Sheet 2 of 10	
BUDA-EA		김태영		1999. 09. 29		김용기				김우식				정언상		최순애				0.1			
						정언상																	
No		Desig. No.		Component Name		Qty		Unit		Desc./Remark		등급		*Maker		Shop		Item No.					
16		C285, 289, 301, 302, 305, 320, 321, 327, 328, 329, 330, 331, 332, 338, 343, 345, 351, 355, 375, 377, 380, 382, 354, 435, 448, 357, 360, 461, 462, 420, 465, 478, 467, 464, 136, 137, 138, 139		CM21CG102J50AT		38EA				CAP, CERAMIC, TEMP-COMPENSATE, 1000pF, 5%, 50V, 0805(SMD), COG(NP0)		비표준		AVKY		SMD		ECC-T1H-102J5E					
17		C357, 360, 369, 381, 419, 415, 416, 11, 18, 2, 3, 40, 27, 479, 396, 392, 391, 395, 337, 13, 2, 6, 480		CM21CG102J50AT		21EA				CAP, CERAMIC, TEMP-COMPENSATE, 1000pF, 5%, 50V, 0805(SMD), COG(NP0)		비표준		AVKY		SMD		ECC-T1H-102J5E					
18		C303, 318, 317, 319, 316, 325, 283, 278, 255, 239, 264, 252, 236, 225, 226, 188, 189, 483, 74, 140, 88, 73, 79, 384, 167, 181, 174, 203, 314, 182		CM21CG102J50AT		30EA				CAP, CERAMIC, TEMP-COMPENSATE, 1000pF, 5%, 50V, 0805(SMD), COG(NP0)		비표준		AVKY		SMD		ECC-T1H-102J5E					
19		C90, 154, 231, 342, 89, 153, 232, 339, 130, 1, 25, 85, 91, 69, 75, 59, 68		CM21CG120J50AT		16EA				CAP, CERAMIC, TEMP-COMPENSATE, 12pF, 5%, 50V, 0805(SMD), COG(NP0)		비표준		AVKY		SMD		ECC-T1H-120J5B					
20		C156		CM21CG151J50AT		1EA				CAP, CERAMIC, TEMP-COMPENSATE, 150pF, 5%, 50V, 0805(SMD), COG		비표준		AVKY		SMD		ECC-T1H-151J5C					
21		C15, 16, 32, 35, 43, 45, 48, 50, 68		CM21CG180J50AT		9EA				CAP, CERAMIC, TEMP-COMPENSATE, 18pF, 5%, 50V, 0805(SMD), COG(NP0)		비표준		AVKY		SMD		ECC-T1H-180J5C					
22		C322, 323, 324, 341, 352, 96, 366, 367, 436, 443, 423, 441, 334, 335, 223, 224, 482		CL21C181JBNC		17EA				CAP, CERAMIC, TEMP-COMPENSATE, 180pF, 5%, 50V, 0805(SMD), COG(NP0)		비표준		SEM		SMD		ECC-T1H-181J5A					
23		C92, 151, 234, 347, 93, 152, 235, 348, 426, 4, 30, 422, 442, 438, 450, 110, 111, 134, 135		CM21CG220J50AT		18EA				CAP, CERAMIC, TEMP-COMPENSATE, 22pF, 5%, 50V, 0805(SMD), COG(NP0)		비표준		AVKY		SMD		ECC-T1H-220J5A					
24		C112, 119, 406		CL21C270JBNC		3EA				CAP, CERAMIC, TEMP-COMPENSATE, 27pF, 5%, 50V, 0805(SMD), COG(NP0)		개발용		SEM		SMD		ECC-T1H-270J5A					
25		C155		CM21CG390J50AT		1EA				CAP, CERAMIC, TEMP-COMPENSATE, 39pF, 5%, 50V, 0805(SMD), COG		비표준		AVKY		SMD		ECC-T1H-390J5C					
26		C428, 445, 425, 444, 424, 429, 421, 440, 433, 447, 437, 449, 434, 451, 439, 452		CM21CG471J50AT		16EA				CAP, CERAMIC, TEMP-COMPENSATE, 470pF, 5%, 50V, 0805(SMD), COG		비표준		AVKY		SMD		ECC-T1H-471J5B					
27		C9, 10, 49, 51		08055A0R5CAT2A		4EA				CAP, CERAMIC, TEMP-COMPENSATE, 0.5pF, 0.25pF, 50V, 0805(SMD), COG(NP0)		비표준		AVKY		SMD		ECC-T1H-50BC5A					
28		C173		CL21C560JBNC		1EA				CAP, CERAMIC, TEMP-COMPENSATE, 56pF, 5%, 50V, 0805(SMD), COG(NP0)		개발용		SEM		SMD		ECC-T1H-560J5A					
29		C193, 195, 202, 205, 210, 211, 212, 213		C0805N621F5GPC		8EA				CAP, CERAMIC, TEMP-COMPENSATE, 620pF, 1%, 50V, 0805(SMD), COG		비표준		KEMT		SMD		ECC-T1H-621F51					
30		C217		CM21CG680J50AT		1EA				CAP, CERAMIC, TEMP-COMPENSATE, 68pF, 5%, 50V, 0805(SMD), COG(NP0)		비표준		AVKY		SMD		ECC-T1H-680J5B					
31		C169, 170, 178, 179, 312, 358, 361, 362, 477, 336, 481, 405		T491B106K020AS		12EA				CAP, ELECTROLYTIC, TANTALUM, 10uF, 10%, 20V, 3528mm(SMD)		비표준		KEMT		SMD		ECE-T1D-106K01					
32		C1, 4, 5, 371, 365, 373, 372, 144, 145, BC20, BC28		T491D106K025AS		11EA				CAP, ELECTROLYTIC, TANTALUM, 10uF, 10%, 25V, 7343mm(SMD)		비표준		KEMT		SMD		ECE-T1E-106K0A					
33		C83, 84, 161, 162, 233, 237, 296, 298, 259, 2, 61, 165, 168		CM21CH272J25AT		12EA				CAP, CHIP		비표준		AVKY		SMD		ECK-J43-2701B5					

Contents

Component List

PRO. Name		신형기 지국 PCS		DOC. Name		수출형(미국 PCS A BAND) BUDA		DOC. No.		CB982		Item No.		BUDA-EA									
Assy Brf.		Drawn		Date		Chkd.		Date		Appr.		Date		Ref. Name		Mngt.		Date		Issue		Sheet 3 of 10	
BUDA-EA		김태영		1999. 09. 29		김용기				김우식				정언상		최순애				0.1			
						정언상																	
No		Desig. No.		Component Name		Qty		Unit		Desc./Remark		등급		*Maker		Shop		Item No.					
34		C67		MCH215A2R2JK		1EA				CHIP CAP 2012MM 2.2PF 50V 5%		비표준		ROHM		SMD		ECR-F43-02R2K1					
35		LED1		551-0607		1EA				DIODE,LED,MODULE, Green,17#,Round,3mm Black Case		비표준		DIAT				EDL-MG1-0607DA					
36		LED2		551-0507		1EA				DIODE,LED,MODULE, Red,17#,Round,3mm Black Case		비표준		DIAT				EDL-MR1-0507DA					
37		ZD1,ZD2		MZ4625RL		2EA				DIODE,ZENER(AVALANCHE), 5.1V,250uA,DO-35(DO-204AH),ETC Izm=55mA		비표준		MOT				EDN-Y00-4625AA					
38		D13,U158,U161,U162		MMBZ5230BLT1		4EA				DIODE,ZENER(AVALANCHE), 4.7V,20mA,SOT-23,SMD		비표준		MOT		SMD		EDN-Y00-5230SA					
39		D14		HSMS-2815-TR1		1EA				DIODE,SWITCHING(SCHOTTKY), 20V,1A,SOT-23/143,SMD Unconnected Pair/Barrier		비표준		HEPA		SMD		EDS-Y00-2815SA					
40		D1,3,10,12,6,8,2,4,9,11,5,7		HSMP-3814-TR1		12EA				DIODE,ETC, PIN Attenuator Diode,100V,1A,SOT-23/143,SMD Common Cathod		비표준		HEPA		SMD		EDZ-Y00-3814SA					
41		F1,2,3		154007		3EA				FUSE (250V,7A)		비표준		LITF		SMD		EFZ-N25-070207					
42		L31		1008CS-560XGBC		1EA				INDUCTOR/COIL,CHIP, 56nH,2%,0.18ohm,SMD		비표준		COCR		SMD		ELC-Y0G-560ASA					
43		L49,44,66,52,53,56,64,65		1008CS-102XKBC		8EA				INDUCTOR/COIL,CHIP, 1uH,10%,1.75ohm,SMD		비표준		COCR		SMD		ELC-Y0K-1001SA					
44		L17		1008CS-100XKBC		1EA				INDUCTOR/COIL,CHIP, 10nH,10%,0.08ohm,SMD		비표준		COCR		SMD		ELC-Y0K-100ASC					
45		L68,70,76,77,72,80		1008CS-151XKBC		6EA				INDUCTOR/COIL,CHIP, 150nH,10%,0.70ohm,SMD		비표준		COCR		SMD		ELC-Y0K-1500SB					
46		L3,4,10,12		1008CS-220XKBC		4EA				INDUCTOR/COIL,CHIP, 22nH,10%,0.12ohm,SMD		비표준		COCR		SMD		ELC-Y0K-220ASA					
47		L60,63		1008CS-391XKBC		2EA				INDUCTOR/COIL,CHIP, 390nH,10%,0.15ohm,SMD		비표준		COCR		SMD		ELC-Y0K-3900SA					
48		L5,6,8,9,14,15,36		1008CS-470XKBC		7EA				INDUCTOR/COIL,CHIP, 47nH,10%,0.16ohm,SMD		비표준		COCR		SMD		ELC-Y0K-470ASA					
49		L21,30,46,51,59,22,29,45,58,50,75,81,84,39		1008CS-561XKBC		14EA				INDUCTOR/COIL,CHIP, 560nH,10%,1.3ohm,SMD		비표준		COCR		SMD		ELC-Y0K-5600SA					
50		L25,26,34,35,83,69,47,48,61,62,73,79,54,55,74,82,37,38		1008LS-562XKBC		18EA				INDUCTOR/COIL,CHIP, 5.6uH,10%,1.82ohm,SMD		비표준		COCR		SMD		ELC-Y0K-5602SA					
51		L27,19,23		L08052R2DEWTR		3EA				INDUCTOR/COIL,CHIP, 2.2nH,0.5nH,0.07ohm,SMD		비표준		AVKY		SMD		ELC-Y0Z-220BSB					
52		L16,18,1,2,11,13,85,86,87,88		L08052R7DEWTR		10EA				INDUCTOR/COIL,CHIP, 2.7nH,0.5nH,0.08ohm,SMD		비표준		AVKY		SMD		ELC-Y0Z-270BSA					
53		L24		L08054R7DEWTR		1EA				INDUCTOR/COIL,CHIP, 4.7nH,0.5nH,0.10ohm,SMD		비표준		AVKY		SMD		ELC-Y0Z-470BSB					
54		U49,83,105,145,50,84,106,146		70061N-K5011Z		8EA				INDUCTOR/COIL,VARIABLE, 225nH(4%),ETC		비표준		KDOK				ELV-Y0Z-2250ZA					
55				338110-2		1EA				CONN,ACCESSORY,ETC, Ground Return Shield		비표준		AMP				ENA-Z38-11020A					
56				GCL002		1EA				CONN,COAXIAL/RF,RECEPTACLE, SMI,Right Angle,50ohm SMI MOLD ASSY(3PORT)		비표준		GLCN				ENC-J00-0002R1					
57				GCL003		1EA				CONN,COAXIAL/RF,JACK, SMI,Right Angle,50ohm SMI MOLD ASSY(6PORT)		비표준		GLCN				ENC-J00-0003R1					
58		J27,28,29,30,31,32,33,34		IRSMF-600-1151		8EA				CONN,COAXIAL/RF,JACK, SMF,Straight,50ohm Male(+5mm)		비표준		DREC				ENC-J00-1151T3					
59		J19<-->J24		DYA4-0090		1EA				CONN,COAXIAL/RF,JACK, SMI,Right Angle,50ohm SMI MOLD ASSY(3PORT)		비표준		DYEC				ENC-J04-0090R1					

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PRO.Name		신형기지국 PCS		DOC.Name		수출형(미국 PCS A BAND) BUDA		DOC.No.		CB982		Item No.		BUDA-EA									
Assy Brf.		Drawn		Date		Chkd.		Date		Appr.		Date		Ref. Name		Mgnt.		Date		Issue		Sheet 4 of 10	
BUDA-EA		김태영		1999. 09. 29		김용기				김우식				정언상		최순애				0.1			
						정언상																	
No		Desig. No.		Component Name		Qty		Unit		Desc./Remark		등급		*Maker		Shop		Item No.					
60		J16<-->J18		DYA4-0091		1EA				CONN, COAXIAL/RF, JACK, SMI, Right Angle, 50ohm SMI MOLD ASSY(6PORT)		비표준		DYEC				ENC-J04-0091R1					
61		J3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15		IRSMF-401-1151		13EA				CONN, COAXIAL/RF, PLUG, SMF, Straight, 50ohm (pin length : std.+ 0.25mm)		비표준		DREC				ENC-P01-1151T1					
62		CN51		DA-9RF-4B4-FE		1EA				CONN, D-SUB, RECEPTACLE, 9P, Right Angle Jack Screw 4-40 UNC/With Nut		비표준		WYC				END-R00-0944RA					
63		P6, 7, 8		DL2220-SS10P		3EA				10PIN CONNECTOR HEADER		비표준		DREC				ENH-M01-009108					
64		CN1		SPS01-D08A		1EA				CONN, HEADER, PIN, 2*4P, Straight, 2.54mm, 11.54mm 3.0-2.54-6.0mm		비표준		WYC				ENH-P00-0108TA					
65		JP7, 10, 9, 8, 2, 3, 5, 4, CN52, CN53		SPS04-S02A		10EA				CONN, HEADER, PIN, 1*2P, Straight, 2.54mm, 11.4mm 3.0-2.6-5.8mm		비표준		WYC				ENH-P00-0402TA					
66		P3		WIBP-10S-20T		1EA				CONN, HEADER, PIN, 1*10P, Straight, 2.0mm, 8.4mm Lock Header		비표준		WYC				ENH-P00-1020TA					
67		JP11, 12		DL2220-SS03G		2EA				CONN, HEADER, PIN, 1*3P, Straight, 2.0mm, 1.5/3.7mm		비표준		DREC				ENH-P22-2003T1					
68		J1, 2		DL2220-DS64G		2EA				CONN, HEADER, PIN, 2*32P, Straight, 2.0mm, 1.5/3.7mm		비표준		DREC				ENH-P22-2064T1					
69				SHT5-A		16EA				CONN, HEADER, SHUNT, 2P Pitch 2.54mm		비표준		WYC				ENH-S00-00050A					
70		P56		352069-1		1EA				CONN, PCB, RECEPTACLE, 5*25P, Right Angle, 2mm B-type		비표준		AMP				ENP-R52-0691RA					
71		U1		WSDIF-08T		1EA				CONN, SOCKET, 8P, DIP, ETC, 2.54mm 0.3"		비표준		WYC				ENS-Y00-0008DB					
72		P2, P55		223961-1		2EA				CONN, ETC, PIN, Power Connector, Right Angle, 2mm		비표준		AMP				ENZ-P23-9611RA					
73		P1		223974-1		1EA				CONN, ETC, PIN, Power Connector, Right Angle, 2mm Level 1		비표준		AMP				ENZ-P23-9741RA					
74		P50		223993-1		1EA				CONN, ETC, PIN, Power Connector, 3P, Right Angle Pin Length 13mm Level 2-2-2		비표준		AMP				ENZ-P23-9931R1					
75		U151, 148		T0220S(0315)		2EA				HEAT SINK		비표준		SAMK				ENZ-Z99-900154					
76		RP1, 2, RA1		MHR8A472G		3EA				RES, ARRAY, R, 4.7 KOHM, 9P, 2%, SIP, Bussed(1형)		비표준		HRUK				ERN-R9G-4701P1					
77		R10		MCR10EZHW333		1EA				CHIP 1/10W 33K		비표준		ROHM		SMD		ERS-W52-0333D4					
78		R135, 157, 251, 513, 514		MCR25JZHJ201		5EA				RES, CHIP, 200 OHM, 1/4W, 5%, 1210(SMD)		비표준		ROHM		SMD		ERS-YAJ-2000ZB					
79		R309, 304, 139, 140, 444, 445, 136, 141, 229, 235, 292, 295, 353, 361, 325, 331, 230, 240, 137, 142, 228, 234, 291, 296, 352, 360, 321, 330, 231, 241, 420, 421, 382, 387		MCR25JZHJ510		34EA				RES, CHIP, 51 OHM, 1/4W, 5%, 1210(SMD)		비표준		ROHM		SMD		ERS-YAJ-510AZC					
80		R263, 174, 181, 262, 176, 182, 256, 257, 246, 248, 260, 261, 270, 271, 484, 492, 138, 73, 20, 68, 19, 410, 97, 506, 17, 411, 21, 414		MCR10EZHF1001		28EA				RES, CHIP, 1 KOHM, 1/8W, 1%, 0805(SMD)		비표준		ROHM		SMD		ERS-YBF-10015A					
81		R1, 191, 226, 218, 200, 208, 203, 224, 223, 2, 04, 217, 199, 214, 220, 209, 219, 122, 518, 1, 88, 189, 373, 369, 2, 3, 44, 63, 364, 146, 149, 6		MCR10EZHF1002		30EA				RES, CHIP, 10 KOHM, 1/8W, 1%, 0805(SMD)		비표준		ROHM		SMD		ERS-YBF-10025A					

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PRO.Name	신형기지국 PCS		DOC.Name	수출형(미국 PCS A BAND) BUDA		DOC.No.	CB982		Item No.	BUDA-EA	
Assy Brf.	Drawn	Date	Chkd.	Date	Appr.	Date	Ref. Name	Mgmt.	Date	Issue	Sheet 5 of 10
BUDA-EA	김태영	1999.09.29	김용기		김우식		정언상	최순애		0.1	
			정언상								

No	Desig. No.	Component Name	Qty	Unit	Desc./Remark	등급	*Maker	Shop	Item No.
82	R265, 272, 264, 273, 343, 349, 342, 348, 314, 318, 313, 317	MCR10EZHF1471	12EA		RES,CHIP, 1.47 KOHM,1/8W,1%,0805(SMD)	비표준	ROHM	SMD	ERS-YBF-14715A
83	R23, 32, 39, 9, 4, 25, 15, 8, 49, 64, 56, 66, 52, 8, 5, 24, 16	MCR10EZHF1503	12EA		RES,CHIP, 150 KOHM,1/8W,1%,0805(SMD)	비표준	ROHM	SMD	ERS-YBF-15035A
84	R175, 177	MCR10EZHF2211	2EA		RES,CHIP, 2.21 KOHM,1/8W,1%,0805(SMD)	비표준	ROHM	SMD	ERS-YBF-22115A
85	R253, 254, 404, 405, 22, 74, 106, 119, 164, 1, 65, 168, 170, 495, 519, 532	MCR10EZHF4701	15EA		RES,CHIP, 4.7 KOHM,1/8W,1%,0805(SMD)	비표준	ROHM	SMD	ERS-YBF-47015A
86	R276, 277, 280, 281, 345, 62, 7, 11, 12, 14, 8, 3, 85, 90, 91, 206, 207, 284, 286, 310, 365, 4, 85, 494, 363, 65, 88	MCR10EZHF51R0	25EA		RES,CHIP, 51 OHM,1/8W,1%,0805(SMD)	비표준	ROHM	SMD	ERS-YBF-510A5A
87	R232, 233, 243, 244, 186, 187	MCR10EZHF6192	6EA		RES,CHIP, 61.9 KOHM,1/8W,1%,0805(SMD)	비표준	ROHM	SMD	ERS-YBF-61925A
88	R392, 154, 51, 515, 212, 111, 464, 501, 503, 504, 525, 334, 530, 526	MCR10EZHJ000	14EA		RES,CHIP, 0 OHM,1/8W,5%,0805(SMD)	비표준	ROHM	SMD	ERS-YBJ-00005A
89	R150, 159, 96, 158, 169, 163, 162, 178, 179, 403, 143, 402, 134, 406, 505, 522, 523, 477, 476, 370, 371, 372, 520, 500, 498, 126, 123, 415, 407, 412, 408, 413, 409, 524, 496, 497, 499, 507	MCR10EZHJ101	38EA		RES,CHIP, 100 OHM,1/8W,5%,0805(SMD)	비표준	ROHM	SMD	ERS-YBJ-10005A
90	R161	MCR10EZHJ104	1EA		RES,CHIP, 100 KOHM,1/8W,5%,0805(SMD)	비표준	ROHM	SMD	ERS-YBJ-10035A
91	R160	MCR10EZHJ106	1EA		RES,CHIP, 10 MOHM,1/8W,5%,0805(SMD)	비표준	ROHM	SMD	ERS-YBJ-10055A
92	R376, 57, 194, 195	MCR10EZHJ100	4EA		RES,CHIP, 10 OHM,1/8W,5%,0805(SMD)	비표준	ROHM	SMD	ERS-YBJ-100A5A
93	R144, 145	MCR10EZHJ114	2EA		RES,CHIP, 110 KOHM,1/8W,5%,0805(SMD)	비표준	ROHM	SMD	ERS-YBJ-11035A
94	R510, 511	MCR10EZHJ151	2EA		RES,CHIP, 150 OHM,1/8W,5%,0805(SMD)	비표준	ROHM	SMD	ERS-YBJ-15005A
95	R247, 249	MCR10EZHJ152	2EA		RES,CHIP, 1.5 KOHM,1/8W,5%,0805(SMD)	비표준	ROHM	SMD	ERS-YBJ-15015A
96	R333, 386, 395, 521	MCR10EZHJ153	4EA		RES,CHIP, 15 KOHM,1/8W,5%,0805(SMD)	비표준	ROHM	SMD	ERS-YBJ-15025A
97	R236, 242, 282, 288, 356, 357, 398, 399	MCR10EZHJ182	8EA		RES,CHIP, 1.8 KOHM,1/8W,5%,0805(SMD)	비표준	ROHM	SMD	ERS-YBJ-18015A
98	R127, 128, 289, 290, 384, 385, 425, 432, 479, 481, 469, 472, 487, 493, 460, 99, 101	MCR10EZHJ180	17EA		RES,CHIP, 18 OHM,1/8W,5%,0805(SMD)	비표준	ROHM	SMD	ERS-YBJ-180A5A
99	R367, 377, 418, 419	MCR10EZHJ201	4EA		RES,CHIP, 200 OHM,1/8W,5%,0805(SMD)	비표준	ROHM	SMD	ERS-YBJ-20005A
100	R180, 196, 213, 221, 225, 447	MCR10EZHJ202	6EA		RES,CHIP, 2 KOHM,1/8W,5%,0805(SMD)	비표준	ROHM	SMD	ERS-YBJ-20015A
101	R129, 151, 152,	MCR10EZHJ205	3EA		RES,CHIP, 2 MOHM,1/8W,5%,0805(SMD)	비표준	ROHM	SMD	ERS-YBJ-20045A
102	R340, 341, 76, 77, 312, 319, 374, 375, 237, 2, 87, 350, 400	MCR10EZHJ2R2	12EA		RES,CHIP, 2.2 OHM,1/8W,5%,0805(SMD)	비표준	ROHM	SMD	ERS-YBJ-220B5A

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PRO.Name		신형기지국 PCS		DOC.Name		수출형(미국 PCS A BAND) BUDA		DOC.No.		CB982		Item No.		BUDA-EA									
Assy Brf.		Drawn		Date		Chkd.		Date		Appr.		Date		Ref. Name		Mgmt.		Date		Issue		Sheet 6 of 10	
BUDA-EA		김태영		1999. 09. 29		김용기				김우식				정언상		최순애				0.1			
						정언상																	
No		Desig. No.		Component Name		Qty		Unit		Desc./Remark		등급		*Maker		Shop		Item No.					
103		R26		MCR10EZHJ242		1EA		RES,CHIP, 2.4 KOHM,1/8W,5%,0805(SMD)				비표준		ROHM		SMD		ERS-YBJ-24015A					
104		R366,381		MCR10EZHJ243		2EA		RES,CHIP, 24 KOHM,1/8W,5%,0805(SMD)				비표준		ROHM		SMD		ERS-YBJ-24025A					
105		R166,167,184,185,238,239,258,259,397,401		MCR10EZHJ270		10EA		RES,CHIP, 27 OHM,1/8W,5%,0805(SMD)				비표준		ROHM		SMD		ERS-YBJ-270A5A					
106		R124,125,130,131,283,285,293,294,383,388,393,394,426,427,433,434,480,488,482,489,470,471,473,474,483,486,490,491,458,459,98,104,95,102		MCR10EZHJ301		34EA		RES,CHIP, 300 OHM,1/8W,5%,0805(SMD)				비표준		ROHM		SMD		ERS-YBJ-30005A					
107		R266,316,269,315,378,379,380		MCR10EZHJ331		7EA		RES,CHIP, 330 OHM,1/8W,5%,0805(SMD)				비표준		ROHM		SMD		ERS-YBJ-33005A					
108		R132,133,156,147,148,391,396		MCR10EZHJ363		7EA		RES,CHIP, 36 KOHM,1/8W,5%,0805(SMD)				비표준		ROHM		SMD		ERS-YBJ-36025A					
109		R509		MCR10EZHJ390		1EA		RES,CHIP, 39 OHM,1/8W,5%,0805(SMD)				비표준		ROHM		SMD		ERS-YBJ-390A5A					
110		R346,81,311,368		MCR10EZHJ511		4EA		RES,CHIP, 510 OHM,1/8W,5%,0805(SMD)				비표준		ROHM		SMD		ERS-YBJ-51005A					
111		R446		MCR10EZHJ513		1EA		RES,CHIP, 51 KOHM,1/8W,5%,0805(SMD)				비표준		ROHM		SMD		ERS-YBJ-51025A					
112		R252,274,359,339,329,307,255,275,358,338,328,306		MCR10EZHJ561		12EA		RES,CHIP, 560 OHM,1/8W,5%,0805(SMD)				비표준		ROHM		SMD		ERS-YBJ-56005A					
113		R267,354,320,268,351,322,227		MCR10EZHJ681		7EA		RES,CHIP, 680 OHM,1/8W,5%,0805(SMD)				비표준		ROHM		SMD		ERS-YBJ-68005A					
114		R245		MCR10EZHJ822		1EA		RES,CHIP, 8.2 KOHM,1/8W,5%,0805(SMD)				비표준		ROHM		SMD		ERS-YBJ-82015A					
115		R417,416,347,344		CRCW0805-271JRT1		4EA		RES,CHIP, 270 OHM,1/10W,5%,0805(SMD)				비표준		DALE		SMD		ERS-YCJ-27005C					
116		R183,R192,323,324,326,327,332,335,27,8,279,527,121		MCR50JZHJ510		12EA		RES,CHIP, 51 OHM,1/2W,5%,2010(SMD)				비표준		ROHM		SMD		ERS-YEJ-510AZA					
117		VR9,10		64WR10K		2EA		RES,VARIABLE,CERMET, 10 KOHM,1/4W,10%,Through-Hole,Multi-Turn				비표준		BITE				ERV-EAK-1002ZA					
118		VR2,13,1,19		64WR5K		4EA		RES,VARIABLE,CERMET, 5 KOHM,1/4W,10%,Through-Hole,Multi-Turn				비표준		BITE				ERV-EAK-5001ZA					
119		VR18		64XR5K		1EA		RES,VARIABLE,CERMET, 5 KOHM,1/4W,10%,Through-Hole,Multi-Turn				비표준		BITE				ERV-EAK-5001ZB					
120		VR11,12,7,3,5,8,4,6		64WR50K		8EA		RES,VARIABLE,CERMET, 50 KOHM,1/4W,10%,Through-Hole,Multi-Turn				비표준		BITE				ERV-EAK-5002ZA					
121		SW1		SP-22SH		1EA		SWITCH,PUSH BUTTON, DPDT,Right Angle ON-<ON>				비표준		SUEL				ESP-Y02-00220A					
122		TR1		AH1		1EA		IC MM1C AMP				비표준		WHAN		SMD		EUC-K00-0001Z1					
123		U47		XC5204-5PQ100I		1EA		IC,PLD,FPGA, 100P,PQFP,SMD,83MHz Industrial Temp.				비표준		XILX		SMD		EUD-F04-5100QB					
124		U52		MACH445-20YI		1EA		IC,PLD, 100P,PQFP,SMD,40MHz				비표준		VATS		SMD		EUD-P04-4520Q1					
125		U61,U62,U69,U70		AD667KP		4EA		IC,INTERFACE,CONVERTER, 28P,PLCC,SMD 12-bit DAC				비표준		ANDE		SMD		EUF-C00-0667LA					
126		U59,U65		AD7828LP		2EA		IC,INTERFACE,CONVERTER, 28P,PLCC,SMD 4-&-8 channel 8-bit ADC				비표준		ANDE		SMD		EUF-C00-7828LA					

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PRO.Name	신형기지국 PCS	DOC.Name	수출형(미국 PCS A BAND) BUDA	DOC.No.	CB982	Item No.	BUDA-EA						
Assy Brf.	Drawn	Date	Chkd.	Date	Appr.	Date	Ref. Name	Mgmt.	Date	Issue	Sheet 7 of 10		
BUDA-EA	김태영	1999. 09. 29	김용기		김우식		정언상	최순애		0.1			
			정언상										
No	Desig. No.	Component Name	Qty	Unit	Desc./Remark					등급	*Maker	Shop	Item No.
127	U30	BDG1A16G-TR	1EA		IC,INTERFACE,DRIVER/RECEIVER, 16P,SOP,SMD Quad differential Line driver					비표준	LUCE	SMD	EUF-D00-0116SA
128	U33	BRS2A16G-TR	1EA		IC,INTERFACE,DRIVER/RECEIVER, 16P,SOP,SMD ECL Receiver					비표준	ATT	SMD	EUF-D00-0216S1
129	U10,11,12,13	CY7B923-JCT	4EA		IC,TELECOMM,DIGITAL SWITCH, 28P,PLCC,SMD Hot link transmitter					비표준	CYPS	SMD	EUG-D00-7923LA
130	U29	CY7B933-JCT	1EA		IC,TELECOMM,DIGITAL SWITCH, 28P,PLCC,SMD Hot link receiver					비표준	CYPS	SMD	EUG-D00-7933LA
131	U142	LMX2337TMX	1EA		IC,TELECOMM,PLL, 16P,TSSOP,SMD 1.1GHz Dual freq. Synthesizer					비표준	NSC	SMD	EUG-P00-2337SA
132	U25	DS1233DZ-5/T&R	1EA		IC,TELECOMM,RESET IC, 3P,SOT-223,SMD 5V Econo Reset					비표준	DALS	SMD	EUG-R01-2335AB
133	U134,66,67	OP27GS-REEL	3EA		IC,LINEAR,AMPLIFIER, 8P,SOP,SMD,Single precision OP Amp					비표준	ANDE	SMD	EUL-A00-0027SA
134	U92,93,95,96,4,17,5	EL2244CS	7EA		IC,LINEAR,AMPLIFIER, 8P,SOP,SMD,Dual low power 60MHz unity-gain stable OP Amp					비표준	ELAC	SMD	EUL-A00-2244SA
135	U136,100,101,72,73	AD8307AR	5EA		IC,LINEAR,AMPLIFIER, 8P,SOP,SMD,Single Logarithmic Amp/500MHz 92dB/150mV					비표준	ANDE	SMD	EUL-A00-8307AA
136	U74,U75	LM2901MX	2EA		IC,LINEAR,VOLTAGE COMPARATOR, 14P,SOP,SMD,Quad low power low offset					비표준	NSC	SMD	EUL-C00-2901SA
137	U42,U57,58	ICL7665SIBA	3EA		IC,LINEAR,GENERATOR/DETECTOR, 8P,SOP,SMD,2IN CMOS u-power over/under voltage Detector					비표준	HARS	SMD	EUL-G00-7665SB
138	U15	AD8313ARM-REEL	1EA		IC,LINEAR,GENERATOR/DETECTOR, 8P,MSOP,SMD,2Pin 0.1-2.5GHz 70dB logarithmic Detector/Controller					비표준	ANDE	SMD	EUL-G00-8313S1
139	U86,102,137,97,85,103,138,98	MSA-0886TR1	8EA		IC,AMPLIFIER					비표준	HEPA	SMD	EUL-K00-0886P1
140	U151,148	MC7805ACT	2EA		IC,LINEAR,VOLTAGE REGULATOR, 3P,CASE-221A,Single 3-terminal positive voltage Regulator					비표준	MOT		EUL-R00-7805AC
141	U149,150	CS124WC128J1-TE13	2EA		IC,MEMORY,EEPROM, 8P,SOP,SMD,16K*8bit,1000ns					비표준	CATA	SMD	EUM-B02-4128SA
142	U1	XC17128D-PD8I	1EA		IC,MEMORY,PROM/ROM, 8P,PDIP,ETC,131K*1bit,45ns					비표준	XILX	F/W-T	EUM-P17-1288DA
143	U157	CY7B991-2JCT	1EA		IC,MOS LOGIC,BUFFER/DRIVER, 32P,PLCC,SMD,Quad programmable skew clock buffer/TTL output					비표준	CYPS	SMD	EUS-B07-9912LA
144	U40	IDT74FCT16244ATPV	1EA		IC,MOS LOGIC,BUFFER/DRIVER, 48P,SSOP,SMD,Quad 16-bit non-inverting 3-state					비표준	IDT	SMD	EUS-B41-6244SE
145	U71	74HC138D	1EA		IC,MOS LOGIC,CODER/MUX, 16P,SOP,SMD,Single 1-of-8 DEMUX					비표준	PHLP	SMD	EUS-C07-4138SA
146	U63	74F07D	1EA		IC,TTL LOGIC,BUFFER/DRIVER, 14P,SOP,SMD,Hex Open-Collector					비표준	PHLP	SMD	EUT-B00-7407S1
147	U78,79,80,81	DM74LS125AMX	4EA		IC,TTL LOGIC,BUFFER/DRIVER, 14P,SOP,SMD,Quad 3-State Buffers					비표준	FACH	SMD	EUT-B07-4125S1
148	U55	74F244SCX	1EA		IC,TTL LOGIC,BUFFER/DRIVER, 20P,SOP,SMD,Octal 3-State output Buffer/Line Driver					비표준	FACH	SMD	EUT-B07-4244S1
149	U56	74F245SCX	1EA		IC,TTL LOGIC,BUFFER/DRIVER, 20P,SOP,SMD,Octal					비표준	FACH	SMD	EUT-B07-4245S1
150	U37,38,46	N74F273AD	3EA		IC,TTL LOGIC,FLIP-FLOP/LATCH, 20P,SOP,SMD,Octal,D-type F/F					비표준	PHLP	SMD	EUT-F07-4273SA
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Assy Brf.		Drawn		Date		Chkd.		Date		Appr.		Date		Ref. Name		Mgmt.		Date		Issue		Sheet 8 of 10	
BUDA-EA		김태영		1999. 09. 29		김용기				김우식				정언상		최순애				0.1			
						정언상																	
No		Desig. No.		Component Name		Qty		Unit		Desc./Remark		등급		*Maker		Shop		Item No.					
151		U31, 32, 39		N74F373D		3EA				IC,TTL LOGIC,FLIP-FLOP/LATCH, 20P,SOP,SMD,Octal,D-type transparent Latch		비표준		PHLP		SMD		EUT-F07-4373SA					
152		U53		74F04SCX		1EA				IC,TTL LOGIC,GATE, 14P,SOP,SMD,Hex,1IN,Inv 150Mil		비표준		FACH		SMD		EUT-G00-7404SA					
153		U163		JPS-3-1		1EA				IC,THREE WAY DEVIDER(10MHZ)		비표준		MICI		SMD		EUZ-P00-0031S1					
154		U51		DS1620S/T&R		1EA				IC,ETC, 8P,SOP,SMD,Digital thermometer 208Mil		비표준		DALS		SMD		EUZ-Y00-1620SA					
155		U139		KSV-12H150		1EA				VCO, 150MHz,12V,SMD		개발용		SAS		SMD		EXC-Y15-00040A					
156		U144		KSV-12H70		1EA				VCO, 70MHz,12V,SMD		비표준		SAS		SMD		EXC-Y70-00030A					
157		U132		TVA0300N09		1EA				THERMOPAD		비표준		EMC		SMD		EZZ-ZTP-AD300N					
158		U117, 28		TVA0600N09		2EA				THERMOPAD		비표준		EMC		SMD		EZZ-ZTP-AD600N					
159				MERK-AC0100-00		1EA				IN/EJECTOR, 하TYPE				LGPR				MERK-AC0100-00					
160				MERK-AC0200-00		1EA				IN/EJECTOR, 상TYPE				LGPR				MERK-AC0200-00					
161				MERK-EC0001-00		4EA				IN/EJECTOR SCREW(SKT용)				DONM				MERK-EC0001-00					
162				MERK-EC0003-00		4EA				SCREW, ISOLATOR				DONM				MERK-EC0003-00					
163				MERK-EC0004-00		4EA				NUT, ISOLATOR				DONM				MERK-EC0004-00					
164				MERK-EL0003-00		2EA				STANDOFF(DABS 8R,DONGA ELEC)				BUPR				MERK-EL0003-00					
165				MERK-EL0005-00		1EA				FEMALE GUIDE MODULE, 상TYPE				YJT				MERK-EL0005-00					
166				MERK-EL0006-00		1EA				FEMALE GUIDE MODULE, 하TYPE				YJT				MERK-EL0006-00					
167				MERK-UT0903-00		1EA				ISOLATED RUBBER, BUDD				JINS				MERK-UT0903-00					
168				MERK-UT0905-00		1EA				SHIELD CASE, IF PLL				BUPR				MERK-UT0905-00					
169				MERK-UT0906-00		1EA				SHIELD COVER, IF PLL				BUPR		F/W-T		MERK-UT0906-00					
170				MERK-UT0909-00		1EA				SHIELD CASE, RX IF AMP A				BUPR				MERK-UT0909-00					
171				MERK-UT0910-00		1EA				SHIELD CASE, RX IF AMP B				BUPR				MERK-UT0910-00					
172				MERK-UT0911-00		1EA				SHIELD CASE, RX RF A				BUPR				MERK-UT0911-00					
173				MERK-UT0912-00		1EA				SHIELD COVER, RX RF A				BUPR		F/W-T		MERK-UT0912-00					
174				MERK-UT0913-00		1EA				SHIELD CASE, RX IF A				BUPR				MERK-UT0913-00					
175				MERK-UT0914-00		1EA				SHIELD COVER, RX IF A				BUPR				MERK-UT0914-00					
176				MERK-UT0922-00		1EA				SHIELD CASE, RX RF B				BUPR				MERK-UT0922-00					
177				MERK-UT0923-00		1EA				SHIELD COVER, RX RF B				BUPR		F/W-T		MERK-UT0923-00					
178				MERL-UT1101-00		1EA				BUDA-L STIFFENER				DONM				MERL-UT1101-00					
179				MERL-UT1102-00		1EA				BASE				JINS		F/W-T		MERL-UT1102-00					
180				MERL-UT1103-00		1EA				COVER				JINS		F/W-T		MERL-UT1103-00					

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Assy Brf.	Drawn	Date	Chkd.	Date	Appr.	Date	Ref. Name	Mgmt.	Date	Issue	Sheet 9 of 10		
BUDA-EA	김태영	1999.09.29	김용기		김우식		정언상	최순애		0.1			
			정언상										
No	Desig. No.	Component Name	Qty	Unit	Desc./Remark					등급	*Maker	Shop	Item No.
181		MERL-UT1104-00	1EA		SHIELD CASE, TX RF						JINP		MERL-UT1104-00
182		MERL-UT1105-00	1EA		SHIELD COVER, TX RF						JINP	F/W-T	MERL-UT1105-00
183		MERL-UT1110-00	1EA		REAR SHIELD CASE, RF PLL C(REA						JINP		MERL-UT1110-00
184		MERL-UT1111-00	1EA		SHIELD CASE, RF PLL						JINP		MERL-UT1111-00
185		MERL-UT1112-00	1EA		SHIELD COVER, RF PLL						JINP	F/W-T	MERL-UT1112-00
186		MERL-UT1113-00	1EA		SHIELD CASE, OUT DET						JINP		MERL-UT1113-00
187		MERL-UT1114-00	1EA		SHIELD COVER, OUT DET						JINP	F/W-T	MERL-UT1114-00
188 BNC3->J35		BUD01C	1EA		COAXIAL CABLE ASS'Y, RCA22_IF_LO_A 1671A					비표준	YUSU		SCX-S24-014001
189 BNC1->J36		BUD02C	1EA		COAXIAL CABLE ASS'Y, RCA22_IF_LO_B 1671A					비표준	YUSU		SCX-S24-014002
190 J28->J31		BUD03C	1EA		COAXIAL CABLE ASS'Y, RCA22_RX_IF_A UT085					비표준	YUSU		SCX-S24-014003
191 J29->J32		BUD04C	1EA		COAXIAL CABLE ASS'Y, RCA22_RX_IF_B UT085					비표준	YUSU		SCX-S24-014004
192 J27->J33		BUD05C	1EA		COAXIAL CABLE ASS'Y, RCA22_RX_IF_A_SAMPLE UT085					비표준	YUSU		SCX-S24-014005
193 J30->J34		BUD06C	1EA		COAXIAL CABLE ASS'Y, RCA22_RX_IF_B_SAMPLE UT085					비표준	YUSU		SCX-S24-014006
194 U177,178		BP43R1860S02A	2EA		FILTER,BPF,DR, 1860MHz,20MHz,3.0dB,1.6,SMD					개발용	SAS	SMD	SFB-D00-101301
195 U26,U176		BP43R1940S02A	2EA		FILTER,BPF,DR, 1940MHz,20MHz,3.0dB,1.6,SMD					개발용	SAS	SMD	SFB-D00-101401
196 U128,129,135		BPF70MSA	3EA		FILTER,BPF,LC, 70MHz,5MHz,4.5dB,1.5,SMD					비표준	SAS	SMD	SFB-L00-100001
197 U114,120		BPF150MSA	2EA		FILTER,BPF,LC, 150MHz,5MHz,4.5dB,1.5,SMD					개발용	SAS	SMD	SFB-L00-100301
198 U171		TMX L152	1EA		FILTER,BPF,SAW, 150MHz,1.26MHz,20dB,SMD					개발용	THOM	SMD	SFB-S00-000701
199 U172,173,174,175		855107	4EA		FILTER,BPF,SAW, 70MHz,1.26MHz,22dB,DIP					비표준	SAWT		SFB-S00-101501
200 BEAD1,2,3		NFM60R00T470	3EA		FILTER,EMI/POWER, EMI,6A,SMD 47pF					비표준	MURA	SMD	SFE-Y00-504801
201 U64		BP32R1790S02A	1EA		BANDPASS FILTER(CF:1790,BW:20M					비표준	SAS	SMD	SFH-S32-1790S2
202		CB 935/V1.0	1EA		PCB, C-BTS/LGT,BUDA-L,V1.0,8L,1.6t					비표준	KCKT	SMD	SPY-Y08-003910
203 L36		1008CS-390-XKBC	1EA		INDUCTOR CHIP							SMD	STL-K00-000390
204 L40,41,42,43		1008LS-103XKBC	4EA		INDUCTOR, 10uH,10%,2.95ohm,SMD					비표준	COCR	SMD	STL-S10-103010
205 U19,20,21,22,48,41		AT-108TR	6EA		IC#, 0.5-2 GHz,Variable,40dB,3.5dB,SMD					비표준	MAC	SMD	SZA-R00-10000A
206 U113,115,116,123,124,159		AT-250TR	6EA		IC#, DC-2 GHz,Variable,12dB,3.8dB,SMD					비표준	MAC	SMD	SZA-R00-10060A
207 U16		1A1305-5	1EA		기타전자,COUPLER,RF DIRECT, 1.5GHz~2.2GHz,4.8dB,15dB,0.25,1.18,SMD					비표준	ANAN	SMD	SZC-D00-000301
208 U60		SME1400B-13	1EA		기타전자,MIXER, 1-2200 MHz,13dBm,8dB,25dB,22dB,SMD					비표준	WHAN	SMD	SZM-Y00-10050A
209 U34,35		SME-1900-17	2EA		기타전자,MIXER, 1.4-2.39 MHz/1.6-2.4 MHz,17dBm,8.4dB,22dB,23dB,SMD					비표준	WHAN	SMD	SZM-Y00-10060A

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PRO.Name	신형기지국 PCS		DOC.Name	수출형(미국 PCS A BAND) BUDA		DOC.No.	CB982		Item No.	BUDA-EA		
Assy Brf.	Drawn	Date	Chkd.	Date	Appr.	Date	Ref. Name	Mgmt.	Date	Issue	Sheet 10 of 10	
BUDA-EA	김태영	1999.09.29	김용기		김우식		정언상	최순애		0.1		
			정언상									
No	Desig. No.		Component Name		Qty	Unit	Desc./Remark		등급	*Maker	Shop	Item No.
210	U152,147,122,44,45		MSA-1105-TR1		5EA		기타전자,RF AMP,MMIC, 50 MHz~1.3 GHz,56.2mW,5.5V,12dB,SMD		비표준	HEPA	SMD	SZP-M00-10040A
211	U68,126,127,118,119,160, 153,104,164		ERA-5SM		9EA		기타전자,RF AMP,MMIC, DC~4 GHz,69.2mW,4.9V,16dB,SMD		비표준	MICI	SMD	SZP-M00-10050A
212	U2,3,23,24,43		MGA-82563		5EA		IC#, 0.1~6 GHz,53.7mW,3V,13.5dB,SMD		비표준	HEPA	SMD	SZP-M00-10140A
213	U99		SCA-2		1EA		기타전자,RF AMP,MMIC, DC~3GHz,0.1W,6V,11dB,SMD P(1dB):20dBm 3:1P3:39.5dBm		비표준	SFMI	SMD	SZP-M00-586201
214	U7		EL132-2SMT		1EA		기타전자,ISOLATOR,RF, 1.8~2.0 GHz,20dB,0.4dB,1.22,SMD		비표준	CMC		SZR-S00-10030A
215	U130,91,107,90,108,109,143		LRFPS-2-2-SM6		7EA		기타전자,SPLITTER/COMBINER, Splitter,2~0,1~650 MHz,1dB,SMD		비표준	RFPR	SMD	SZS-Y00-10030A
216	U110,111		QMS-A23		2EA		IC#, I & Q DEMODULATOR		비표준	SNEG	SMD	SZZ-Y00-10110A
217	U94		SMS-A36		1EA		IC#, I & Q MODULATOR		비표준	SNEG	SMD	SZZ-Y00-10150A

Doc.Name

BUPD-EA Block Diagram

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 DRWN
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 DATE
 1999-10-05

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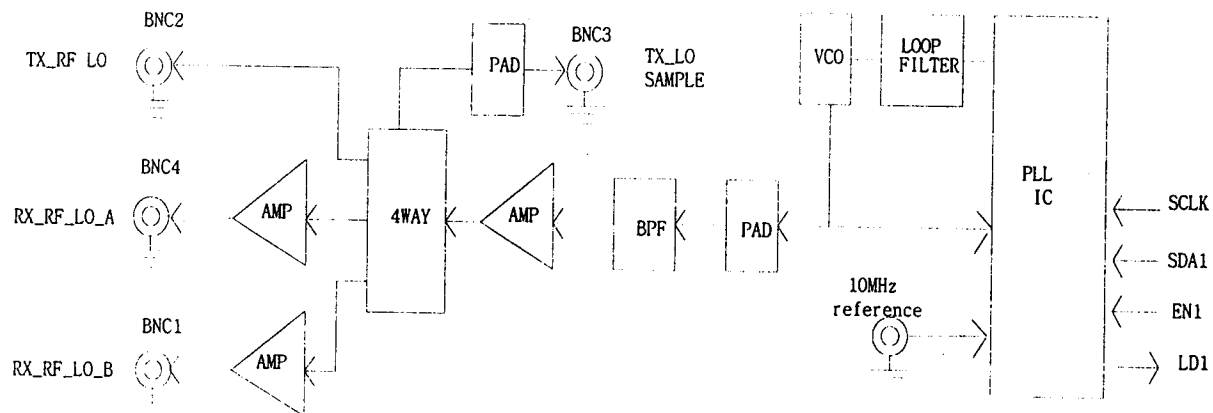
 APRD
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 BUDA-EA

 MAN
 DMC

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COMMENT



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PRO.Name	신형기지국 PCS	DOC.Name	BUDA-EA RF PLL DAUGHTER BD	DOC.No.	CB 985	Item No.	BUPD-EA
Assy Brf.	Drawn	Date	Chkd.	Date	Appr.	Date	Issue
BUPD-EA	김희원	1999.10.04	김용기		김우식		0.1
			정언상				
					Ref. Name	Mgnt.	Sheet 1 of 2
					1	최순애	

No	Desig. No.	Component Name	Qty	Unit	Desc./Remark	등급	* Maker	Shop	Item No.
1	C21,31	CM21X7R103K50AT	2EA		CAP,CERAMIC,HIGH-DIELECTRIC, 0.01uF,10%,50V,0805(SMD),X7R	비표준	AVKY	SMD	ECC-H1H-103K5J
2	C3,10,13,23,37,38,33	CM21X7R104J50AT	7EA		CAP,CERAMIC,HIGH-DIELECTRIC, 0.1uF,5%,50V,0805(SMD),X7R	비표준	AVKY	SMD	ECC-H1H-104J5D
3	C22,32,30	08055A102JAT2A	3EA		CAP,CERAMIC,TEMP-COMPENSATE, 1000pF,5%,50V,0805(SMD),COG(NP0)	비표준	AVKY	SMD	ECC-T1H-102J5D
4	C1,2,4,5,6,7,8,9,11,12,14,16,17,20,26,27,34,36,50,51,15,18,19	CM21CG180J50AT	23EA		CAP,CERAMIC,TEMP-COMPENSATE, 18pF,5%,50V,0805(SMD),COG(NP0)	비표준	AVKY	SMD	ECC-T1H-180J5C
5	C24,25,28	CL21C181JBNC	3EA		CAP,CERAMIC,TEMP-COMPENSATE, 180pF,5%,50V,0805(SMD),COG(NP0)	비표준	SEM	SMD	ECC-T1H-181J5A
6	C35,29	T491B106K020AS	2EA		CAP,ELECTROLYTIC,TANTALUM, 10uF,10%,20V,3528mm(SMD)	비표준	KEMT	SMD	ECE-T1D-106K01
7	C52	T491D226K025AS	1EA		TANTAL CAP	비표준	KEMT	SMD	ECS-F57-2205A4
8	D1	MZ4625RL	1EA		DIODE,ZENER(AVALANCHE), 5.1V,250uA,D0-35(D0-204AH),ETC Izm=55mA	비표준	MOT		EDN-Y00-4625AA
9	L4	IMC-1812 1000UH +-10%	1EA		INDUCTOR/COIL,CHIP, 1000uH,10%,40ohm,SMD SRF 2.5MHz	비표준	DALE	SMD	ELC-Y0K-1004S1
10	L1,2,3	1008CS-180XKBC	3EA		INDUCTOR/COIL,CHIP, 18nH,10%,0.11ohm,SMD	비표준	COCR	SMD	ELC-Y0K-180ASA
11	BNC1,2,3,4,5	IRSMF-501-1151	5EA		CONN,COAXIAL/RF,JACK, SMF,Straight,50ohm (socket length : std.+0.2mm)	비표준	DREC		ENC-J01-1151T1
12	P1,2,3	DL2200-SS10S	3EA		10PIN CONNECTOR SOCKET	비관리	DREC		ENS-F01-008864
13	R17,21,23	MCR10EZHZ101	3EA		RES,CHIP, 100 OHM,1/8W,5%,0805(SMD)	비표준	ROHM	SMD	ERS-YBJ-10005A
14	R15	MCR10EZHZ103	1EA		RES,CHIP, 10 KOHM,1/8W,5%,0805(SMD)	비표준	ROHM	SMD	ERS-YBJ-10025A
15	R26	MCR10EZHZ153	1EA		RES,CHIP, 15 KOHM,1/8W,5%,0805(SMD)	비표준	ROHM	SMD	ERS-YBJ-15025A
16	R2,4,6,9	MCR10EZHZ182	4EA		RES,CHIP, 1.8 KOHM,1/8W,5%,0805(SMD)	비표준	ROHM	SMD	ERS-YBJ-18015A
17	R16	MCR10EZHZ180	1EA		RES,CHIP, 18 OHM,1/8W,5%,0805(SMD)	비표준	ROHM	SMD	ERS-YBJ-180A5A
18	R28	MCR10EZHZ201	1EA		RES,CHIP, 200 OHM,1/8W,5%,0805(SMD)	비표준	ROHM	SMD	ERS-YBJ-20005A
19	R3,7	MCR10EZHZ2R2	2EA		RES,CHIP, 2.2 OHM,1/8W,5%,0805(SMD)	비표준	ROHM	SMD	ERS-YBJ-220B5A
20	R13,27	MCR10EZHZ242	2EA		RES,CHIP, 2.4 KOHM,1/8W,5%,0805(SMD)	비표준	ROHM	SMD	ERS-YBJ-24015A
21	R29	MCR10EZHZ270	1EA		RES,CHIP, 27 OHM,1/8W,5%,0805(SMD)	비표준	ROHM	SMD	ERS-YBJ-270A5A
22	R18,20,22,24,50	MCR10EZHZ301	5EA		RES,CHIP, 300 OHM,1/8W,5%,0805(SMD)	비표준	ROHM	SMD	ERS-YBJ-30005A
23	R25	MCR10EZHZ472	1EA		RES,CHIP, 4.7 KOHM,1/8W,5%,0805(SMD)	비표준	ROHM	SMD	ERS-YBJ-47015A
24	R12,14,19	MCR10EZHZ510	3EA		RES,CHIP, 51 OHM,1/8W,5%,0805(SMD)	비표준	ROHM	SMD	ERS-YBJ-510A5A
25	R1,5,8,10,11,51	MCR50JZHJ510	6EA		RES,CHIP, 51 OHM,1/2W,5%,2010(SMD)	비표준	ROHM	SMD	ERS-YEJ-510AZA
26	U11	LMX2325TMX	1EA		IC,TELECOMM,PLL, 20P,TSSOP,SMD 1.1GHz freq. Synthesizer	비표준	NSC	SMD	EUG-P00-2325SA
27	U10	KSV-12H1790-20	1EA		VCO, 1790MHz,12V,SMD 1780 ~ 1800 MHz	개발용	SAS	SMD	EXC-Y17-900501
28		MERL-UT1108-00	1EA		SHIELD CASE, RF PLL, A		JINP	F/W-T	MERL-UT1108-00

Contents

Component List

PRO.Name	신형기지국 PCS	DOC.Name	BUDA-EA RF PLL DAUGHTER BD	DOC.No.	CB 985	Item No.	BUPD-EA
Assy Brf.	Drawn	Date	Chkd.	Date	Appr.	Date	Issue
BUPD-EA	김희원	1999.10.04	김용기		김우식		0.1
			정언상				

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No	Desig. No.	Component Name	Qty	Unit	Desc./Remark	등급	*Maker	Shop	Item No.
29		MERL-UT1109-00	1EA		SHIELD CASE, RF PLL B		JINP	F/W-T	MERL-UT1109-00
30	U7	BP32R1790S03A	1EA		FILTER,BPF,DR, 1790MHz,30MHz,3.5dB,2,SMD	개발용	SAS	SMD	SFB-D00-231601
31	BARE PCB	CB 985/V1.0	1EA		PCB,수출형PCS,BUPD-EA,6L,1.6T		KCKT	SMD	SPY-Y06-003711
32	U2,3,5	ERA-5SM	3EA		기타전자,RF AMP,MMIC, DC-4 GHz,69.2mW,4.9V,16dB,SMD	비표준	MICI	SMD	SZP-M00-10050A
33	U12	SPD-A11	1EA		기타전자,SPLITTER/COMBINER, Splitter,4-0,1.6-2.2 GHz,1dB,SMD	비표준	SNEG	SMD	SZS-Y00-10170A