

B O M L I S T

PRO. Name	ADSL 모뎀			Change History List			DRWN	CHKD	APRD	Sheet
DOC. Name	708EU, 708EUR			BOM을 202 / 708 Serise로 분리 관리함						1/7
DOC. NO.	NET-U0028-BC007(DQ. U.S.A)									
Rev Data	2003-09-30	Rev. Code	1.4							
순번	Component Name	Item Code	SHOP	Design Name	Unit	Q'ty	Maker	NOTE		
1	Chip Capacitor	20pF,5%,50V,NPO,0603	SMD	C42,C43	EA	2				
2	Chip Capacitor	27pF,5%,50V,NPO,0603	SMD	C37,C38	EA	2				
3	Chip Capacitor	680pF,5%,50V,NPO,0805	SMD	C92	EA	1				
4	Film Capacitor	1.5nF,5%,50V,film,0805	SMD	C102	EA	1				
5	Film Capacitor	0.01uF,5%,50V,film,0805	SMD	C88,C90	EA	2				
6	Chip Capacitor	0.01uF,10%,50V,NPO,0603	SMD	C23,C25,C32,C33,C35,C22,C30,C20,C31,C26,C34,C36,C29,C19,C24,C21,C3,C6,C4,C2,C1,C7,C5	EA	23				
7	Film Capacitor	0.027uF,5%,50V,film,1210	SMD	C98,C101	EA	2				
8	Chip Capacitor	0.1uF,10%,50V,NPO,0603	SMD	C41,C77,C85,C71,C76,C80,C79,C78,C44,C45,C48,C49,C46,C47,C50,C52,C51, C12,C81,C11,C14,C82,C13,C10,C9,C28	EA	26				
9	Chip Capacitor	0.1uF,10%,50V,NPO,0805	SMD	C70,C16,C17	EA	3				
10	Chip Capacitor	0.22uF,10%,50V,NPO,0603		C39	EA	1				
11	Chip Capacitor	1uF,10%,50V,NPO,0603	SMD	C83,C84	EA	2				
12	Chip Capacitor	1uF,10%,50V,NPO,0805	SMD	C67,C68,C69	EA	3				
13	Chip Capacitor	DNE	SMD	C86	EA	0				
14	Chip Capacitor	22uF,10%,50V,X5R,1210	SMD	C104	EA	1				
15	Chip Capacitor	DNE	SMD	C27,C40,C8,C53,C54,C58,C59,C60,C61,C94,C96,C87,C62,C63,C64, C65,C66,	EA	0				
16	CERAMIC CAP	47pF, 3KV, 20%	DIP	C109,C110,C111,C112	EA	4				
17	CERAMIC CAP	10nF, 2KV, 20%	DIP	C57	EA	1	-			
18	CERAMIC CAP	DNE	DIP	C106,C107	EA	0				
19	전해 CAPACITOR	10uF , 25V, 20%, DIP	DIP	TC8,TC9,TC3,TC10,TC6,TC11	EA	6				

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DOC. NO.	NET-U0028-BC007(DQ. U.S.A)									
Rev Data	2003-09-30	Rev. Code	1.4							
순번	Component Name	Item Code	SHOP	Design Name	Unit	Q'ty	Maker	NOTE		
20	전해 CAPACITOR	22uF , 25V, 20%, DIP	DIP	TC13	EA	1		C		
21	전해 CAPACITOR	47uF , 25V, 20%, DIP	DIP	TC4,TC1	EA	2		C		
22	전해 CAPACITOR	470uF, 16V, 20%	DIP	TC2	EA	1		C		
23	전해 CAPACITOR	2200uF, 16V, 20%	DIP	TC5	EA	1		C		
24	전해 CAPACITOR	6800uF, 16V, 20%	DIP	TC7	EA	1	-			
25	POLYESTER CAPACITOR	333J, BMM, 400VDC,0.033uF, 5%	DIP	C105	EA	1		C		
26	POLYESTER CAPACITOR	223J, BMM, 400VDC,0.022uF, 5%	DIP	C108	EA	1				
27	VIRISTOR	SVR471D07R	DIP	RV1, RV2	EA	2	Samyang	A		
28	GAS Tube	SL1002A350SM	SMD	D9	EA	1	ACM			
29	<i>GAS Tube</i>	<i>DNE</i>	<i>SMD</i>	<i>U14</i>	<i>EA</i>	<i>0</i>	<i>ACM</i>			
30	JUMPER RESISTOR	0Ω, 1210	SMD	PS4	EA	1				
31	JUMPER RESISTOR	0Ω, 1206	SMD	R6,R127,R36	EA	3				
32	Chip Resister	0RJ-T, 0R, 1%, 0805	SMD	R86,R92,R94,R96,D10	EA	5				
33	Chip Resister	0RF-T, 0R, 1%, 0603	SMD	R34,R29,R20,R40	EA	5				
34	Chip Resister	5R6J-T, 5.6R, 1%, 0805	SMD	R100,R103,R104,R106	EA	4				
35	Chip Resister	34R8F-T, 34.8R, 1%, 0805	SMD	R88,R90	EA	2				
36	Chip Resister	49R9F-T, 49.9R, 1%, 0805	SMD	R80,R82,R108,R112	EA	4				
37	Chip Resister	49R9F-T, 49.9R,1%, 1/16W, 0603	SMD	R41,R30,R19,R24,R58,R59,R60,R61,R128,R129	EA	10				
38	Chip Resister	75R0F-T, 75R, 1%, 1/16W, 0603	SMD	R64,R65,R66,R67	EA	4				
39	Chip Resister	1000F-T, 100R, 1%, 1/16W, 0603	SMD	R45	EA	1				
40	Chip Resister	1070F-T, 107R, 1%, 1/16W, 0603	SMD	R1	EA	1				
41	Chip Resister	2430F-T, 243R, 1%, 1/16W, 0603	SMD	R2	EA	1				

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Rev Data	2003-09-30	Rev. Code	1.4							
순번	Component Name	Item Code	SHOP	Design Name	Unit	Q'ty	Maker	NOTE		
42	Chip Resister	3320F-T, 332R, 1%, 1/16W, 0603	SMD	R12,R13,R14,R15,R16,R17,R18	EA	7				
43	Chip Resister	4020J-T, 402R, 5%, 0805	SMD	R98	EA	1				
44	Chip Resister	1501F-T, 1.5KR, 1%, 1/16W, 0603	SMD	R63	EA	1				
45	Chip Resister	3321F-T, 3.32KR,1%, 1/16W, 0603	SMD	R39	EA	1				
46	Chip Resister	5101F-T, 5.1KR, 1%, 1/16W, 0603	SMD	R47,R48,R49,R56,R57,R53,R54,R52	EA	8				
47	Chip Resister	5901F-T, 5.9KR, 1%, 1/16W, 0603	SMD	R62	EA	1				
48	Chip Resister	8661F-T, 8.66KR, 1%, 1/16W, 0603	SMD	R28	EA	1				
49	Chip Resister	1002F-T, 10KR, 1%, 1/16W, 0603	SMD	R31,R32,R42,R43,R44,R46,R22,R23,R25	EA	9				
50	Chip Resister	1002F-T, 10KR, 1%, 1/16W, 0805	SMD	R76	EA	1				
51	Chip Resister	2432F-T, 24.3KR, 1%, 1/16W, 0603	SMD	R37	EA	1				
52	Chip Resister	3322F-T, 33.2KR, 1%, 1/16W, 0603	SMD	R38	EA	1				
53	Chip Resister	1003F-T, 100KR, 1%, 1/16W, 0603	SMD	R78	EA	1				
54	Chip Resister	1623F-T, 162KR, 1%, 1/16W, 0603	SMD	R26	EA	1				
55	Chip Resister	1004F-T, 1MR, 1%, 1/16W, 0603	SMD	R33,R27	EA	2				
56	Chip Resister	DNE	SMD	R21,R70,R71,R72,R73,R84,R110,R118, R114, R116,R120,R35,R68,R69,R74,R75,R79	EA	0				
57	Array Resister	1500, 8P4R, 150R, 5%, 1206	SMD	RA5,RA11	EA	2				
58	Array Resister	5101, 8P4R, 5.1KR, 5%, 1206	SMD	RA3	EA	1				
59	Array Resister	1002, 8P4R, 10KR, 5%, 1206	SMD	RA4	EA	1		Option		
60	MULTY LAYER CHIP BEAD	EBM2012A600, 100Mhz, 2A	SMD	L5,L8,L3	EA	3				
61	MULTY LAYER CHIP BEAD	100ohm/100Mhz	SMD	L9	EA	1		C		
62	MULTY LAYER CHIP BEAD	EBM2012A151, 2A	SMD	L1,L2,L6,L10	EA	4				
63	CHIP BEAD	DNE	SMD	L11,L12	EA	0				

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순번	Component Name	Item Code	SHOP	Design Name	Unit	Q'ty	Maker	NOTE		
64	Transfomer (H/P Filter)	EP13- SMD4:2:1 700uH / HP1317	SMD	T2	EA	1	HYPHI			
65	Transfomer (L/P Filter)	HP1316	SMD	T1	EA	1	HYPHI			
66	INDUCTOR	DNE	SMD	L4,L14	EA	0				
67	POLY SWITCH	PR-MS-075-T	SMD	PS1,PS3	EA	2	SERATECH	A		
68	DUAL DIODE	MMBD7000LT1 SOT-23	SMD	D5,D6,D7,D8	EA	4	Motorola			
69	Rectifier DIODE	1n5391, 50V/1.5A	DIP	D1,D13	EA	2				
70	Zener Diode	DNE	SMD	ZD1	EA	0				
71	TVS Diode	SR05	SMD	U11	EA	1		Option		
72	Schottky Rectifier	MBRS140	SMD	D2	EA	1				
73	Regulator (3.3V)	PJ1117, 3.3V, SOT-223	SMD	U6	EA	1	PJ			
		L1117, 3.3V, SOT-223					NIKO			
74	Regulator (ADJ)	SC, EZ1117A,-ADJ SOT-223	SMD	U2	EA	1	SEMTECH/NIKO			
75	Regulator	UZ1085 - ADJ, TO-263	SMD	Q1	EA	1		A		
76	MOS FET	IRLML6401	SMD	U15	EA	1				
77	TRANSISTOR	MMBT 3904	SMD	U9	EA	1				
78	LED	LIST-C150GKT, Single Green	SMD	LD1,LD2,LD3,LD4,LD5	EA	5				
79	LED	LIST-C155GYKT, Dual, G/Y	SMD	LD6	EA	1		Option		
80	CRYSTAL	HC-49/S, 17.28Mhz, 25ppm	DIP	X2	EA	1				
		ATU-49U, 17.28Mhz, 25ppm								
81	CRYSTAL	25Mhz, 25ppm,	DIP	Y10	EA	1				
82	IC (DSP)	GS8120-174-008D	SMD	U3	EA	1	GSV			
83	IC (AFE)	GS3780-174-001Z	SMD	U8	EA	1	GSV			
84	Ether Magnetic 350uH	HS2213	SMD	U12	EA	1	MACONICS			
		LF8505					DELTA			

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Rev Data	2003-09-30	Rev. Code	1.4							
순번	Component Name	Item Code		SHOP	Design Name	Unit	Q'ty	Maker	NOTE	
85	IC (RS 232 Dual)	DNE		SMD	U13	EA	0			
86	IC (SDRAM)	MT48LC4M16A2TG-75, TSOP-54		SMD	U1	EA	1	MICRON		
		K4S641632D-TC80						SAMSUNG/V-DATA		
87	IC (Ether Net)	RTL8201BL		SMD	U10	EA	1	REALTEK		
88	IC (Serial FLASH)	AT45DB161B-TC, TSOP-143		SMD	U5	EA	1	ATMEL		
		AT45DB161-TC, TSOP-143								
89	IC (Reset)	LM809M3-2.93CT, SOT-23		SMD	U7	EA	1	National		
90	IC (4P Power Monitor)	MAX836		SMD	U4	EA	1	MAXIM		
91	HEAD PIN	7PIN, MALE		DIP	JP1	EA	1			
92	HEAD CONNECTOR	6PIN, FEMALE		DIP	JP2	EA	1			
93	TACT SWITCH	ITA1102A		DIP	SW1	EA	1			
94	TACT SWITCH	ITA1102V-B		DIP	SW3	EA	1			
95	Rock Switch	A-12KV, SPDT		DIP	SW2	EA	1	Nikkai		
96	DC POWER JACK	**DS-210, Green**		DIP	J1	EA	1		Color 지정품임 (GREEN)	
97	POSITION RJ11, DUAL	4 POSITION RJ11, 623GA-44		DIP	J3	EA	1		C	
98	MODULAR JACK	**657PU-8-SD, Half shild, Blue**		DIP	RJ1	EA	1		Color 지정품임 (BLUE)	
99	MODULAR JACK	DNE		DIP	RJ2	EA	0		c	
100	USB CONNECTOR	787780-1 RECPT_USB_4, YELLOW		DIP	J2	EA	1	AMP	Option	
101	PCB					EA	1			
102	Chip Resister	1210RF-T, 121R, 1%,0805		SMD	R4	EA	1			
103	Chip Resister	3920RF-T, 392R, 1%,0805		SMD	R3	EA	1			
104	Chip Capacitor	1uF, 5%, 50V, NPO, 0805		SMD	C15	EA	1			
105	Chip Resister	0RF-T, 0R,1%, 1/16W, 0603		SMD	R9,R10	EA	2			

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DOC. NO.	NET-U0028-BC007(DQ. U.S.A)									
Rev Data	2003-09-30	Rev. Code	1.4							
순번	Component Name	Item Code		SHOP	Design Name	Unit	Q'ty	Maker	NOTE	
106	Chip Resister	24R3F-T, 24.3R,1%, 1/16W, 0603		SMD	R8,R11	EA	2			
107	Chip Resister	1501F-T, 1.5KR,1%, 1/16W, 0603		SMD	R7	EA	1			
108	Chip Capacitor	33pF,5%,50V,NPO,0603		SMD	C55,C56	EA	2			
109	전해 CAPACITOR	220uF , 25V, 20%, DIP		DIP	TC12	EA	1		C	

**(USB Connector Color : USB A (PC향) GRAY (회색) USB B (Modem 향) YELLOW (노랑색) **

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DOC. NO.		NET-U0028-BC007(DQ. U.S.A)										
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순번	Component Name		Item Code		SHOP	Design Name		Unit	Q'ty	Maker	NOTE	
포장 관련												
201	HOUSING-MODEM		BOTTOM, TOP, LED			HOUSING-MODEM		SET	1			
202	SCREW		SCREW ?x?, Black					EA	4			
203	TEL LINE CORD		RJ11 to WALL Con, 1.5m,white					EA	1			
204	ADSL LINE CORD		RJ11 to RJ11, 1.5m,white					EA	1			
205	RJ-45 CABLE		84RC-20M-P2,1.5m, RJ-45, Blue to Gray					EA	1			
206	BUMPON		T x ?					EA	2			
207	실리카겔		5g					EA	1			
208	발포 비닐							EA	1			
209	ADAPTER		** DC9V 1A, SMPS,Green**					EA	1		Color 지정품임 (GREEN)	
210	매뉴얼		사용자 매뉴얼					권	1			
211	INNER BOX							EA	1			
212	OUT BOX							EA				
213	Label (MIC 표시용)							EA	1			
214	Label (MAC/S.N 표시용)		30 x 10					EA	3			
215	Label (OUT Box 표시용)		50 x 15					EA	2			
216	폴리프로필렌 접착 테이프		50m/m x m					m	2.4			
217	USB INTERFACE CABLE		USB A to USB B 1.5m, A/gray, B/Yellow					EA	1		Color 지정품임 (Yellow)	
218	USB Driver		USB Driver CD					EA	1			
219	RS-232 Cable		9Pin RS232 Con to RJ45 1.2m			구매자 요구 적용		EA				

ADAPTOR Connector Color GREEN (초록색)

RJ 45 Cable Connector Color : 1 BLUE (청색) other GRAY (회색)

RJ 45 Cable : 연심 24AWG 무실드 CATAGOLY 5 GRAY (회색)