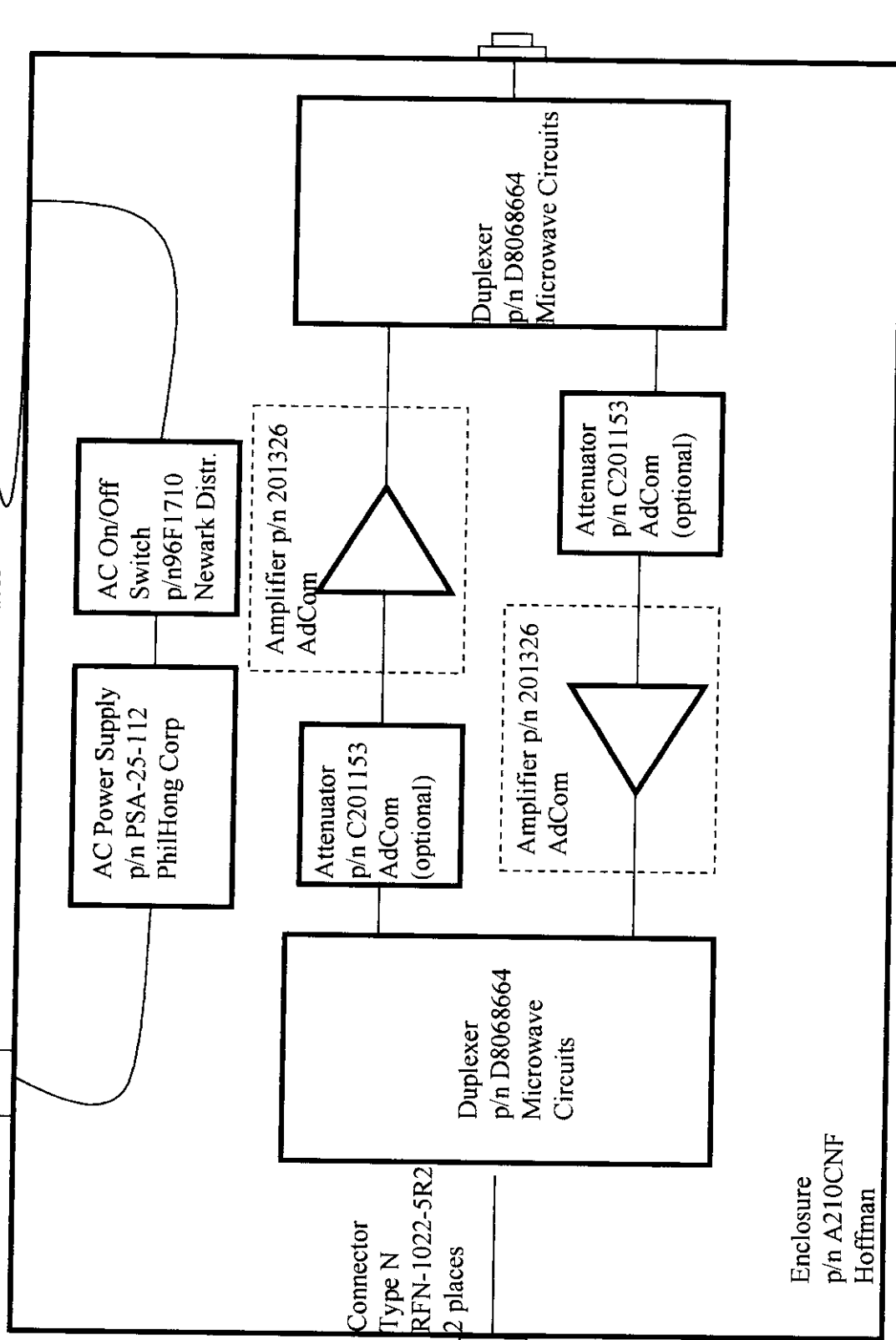


Indicator Light
p/n LH 77/3
Newark dist.

6 ft AC line Cord
p/n 173-53100
Mouser



Enclosure
p/n A210CNF
Hoffman

Communication Components, Inc. 299 Forest Ave, Paramus, N.J.	
Title	BDA Circuit Diagram
Document Number	201268
Date	March 9, 1998

PART NUMBER
ASSEMBLY TITLE 800Mhz-900Mhz_BDA

REVISION
NEXT ASSY:

SHEET

TOP ASSY NO: 100028 PROJECT NO. 10036-C

ITEM	REF DESIG.	QTY	PART/DOCUMENT #	MFR.	SPEC.	DESCRIPTION
1		1	A1210 CHNF	Hoffman		Alum. Enclosure
2		1	C201332	ADCOMM		Base Plate MOD.
3	BDA-8087-52 OPTION	2	D8068664	Microwave Circuits		Duplexer
4	BDA-900-3 OPTION	2		Microwave Circuits		Duplexer
5						
6	All options	2	800-900 Amp. #201326	Adcomm		3 STAGE AMP (55 DB GAIN)
7						
8		1	PSA-25-112	Phil-Long		12v. Power Supply
9		1	173-53100	Mouser		6' AC Line Cord
10		1	5167-159	Mouser		Grommet
11		1	96F1710	Newark		On/Off Switch
12		2	RFN 1022-5R2	Connex		N-Female To Semi Rigid
13		3.5 ft.	UT-141			141" Semi Rigid
14	1 ATTEN OPTION	1	C201153	ADCOMM		TTA ATTENUATOR -1
15	2 ATTEN OPTION	2	C201153	ADCOMM		TTA ATTENUATOR -2

Communication Components, Inc
 299 Forest Ave, Paramus
 N.J. 07652

REVISION
NEXT ASSY:

PART NUMBER
ASSEMBLY TITLE 800Mhz-900Mhz BDA

SHEET

TOP ASSY NO: 100028

PROJECT NO. 10036-C

ITEM	REF DESIG.	QTY	PART/DOCUMENT #	MFR.	SPEC.	DESCRIPTION
16		4	4533-440-SS-0	RAF		1/4" M-F 7/16L 4x40TH
17		4	4549-440-SS-0	RAF		1/4" M-F 1 7/16L 4x40TH
18		4	MS 51957-14			4-40x5/16"
19		8	MS51957-22			4-40x1.250"
20		16	MS35338-135			Washer, Splt Lk #4
21		4	MS15795-804			Washer Flat #4
22		8	MS51957-3			2-56x1/4"
23	1 ATTENUATOR	12	MS35338-134			Washer Splt Lk #2
24	2 ATTENUATOR	16				
25		1	201329			Top Cover For P. Supply
26		3	comm.			#10-32 PN HD
27		3	MS 35338-138			SLOTTED S/S 5/16 LG. #10 SPLT. LOCK
28		3	MS 15795-808			#10 WASHER FLAT
29	1 ATTENUATOR	4				#2 SCREW
	2 ATTENUATOR	8				
30	1 ATTENUATOR	4				FLT WASHER
	2 ATTENUATOR	8				

Communication Components, Inc.
299 Forest Ave, Paramus,
N.J. 07652

PART NUMBER
ASSEMBLY TITLE 800Mhz-900Mhz BDA

REVISION
NEXT ASSY:

SHEET

PROJECT NO.

ITEM	REF	DESIG.	QTY	PART/DOCUMENT #	MFR.	SPEC.	DESCRIPTION
31							
32							
33			1	LH77/3 (ALT) 28F2592 (ALT) 5100-822	Dialco NEWARK CHICAGO MIN		Indicator Light SOCKET
34							
35			1	96F6708 (ALT) 756	NEWARK SYLVANIA		14V BULB
36			1	28F2599 (ALT)25P-307	NEWARK CHICAGO MIN		GREEN DOME LENS FOR ITEM #35 ONLY
37							
38			1	25671	JAMECO		5A SLO-BLOW FUSE
39			1	108783	JAMECO		IN LINE FUSE HOLDER
40							
41			1	03 09 2057	MOLEX		MOLEX CONNECTOR
42			5	02 09 2103	MOLEX		MALE PINS
43			1	03 09 1054	MOLEX		MOLEX CONNECTOR
44			5	02 09 1104	MOLEX		FEMALE PINS
45							

PART NUMBER
ASSEMBLY TITLE 800Mhz-900Mhz_BDA

REVISION
NEXT ASSY:

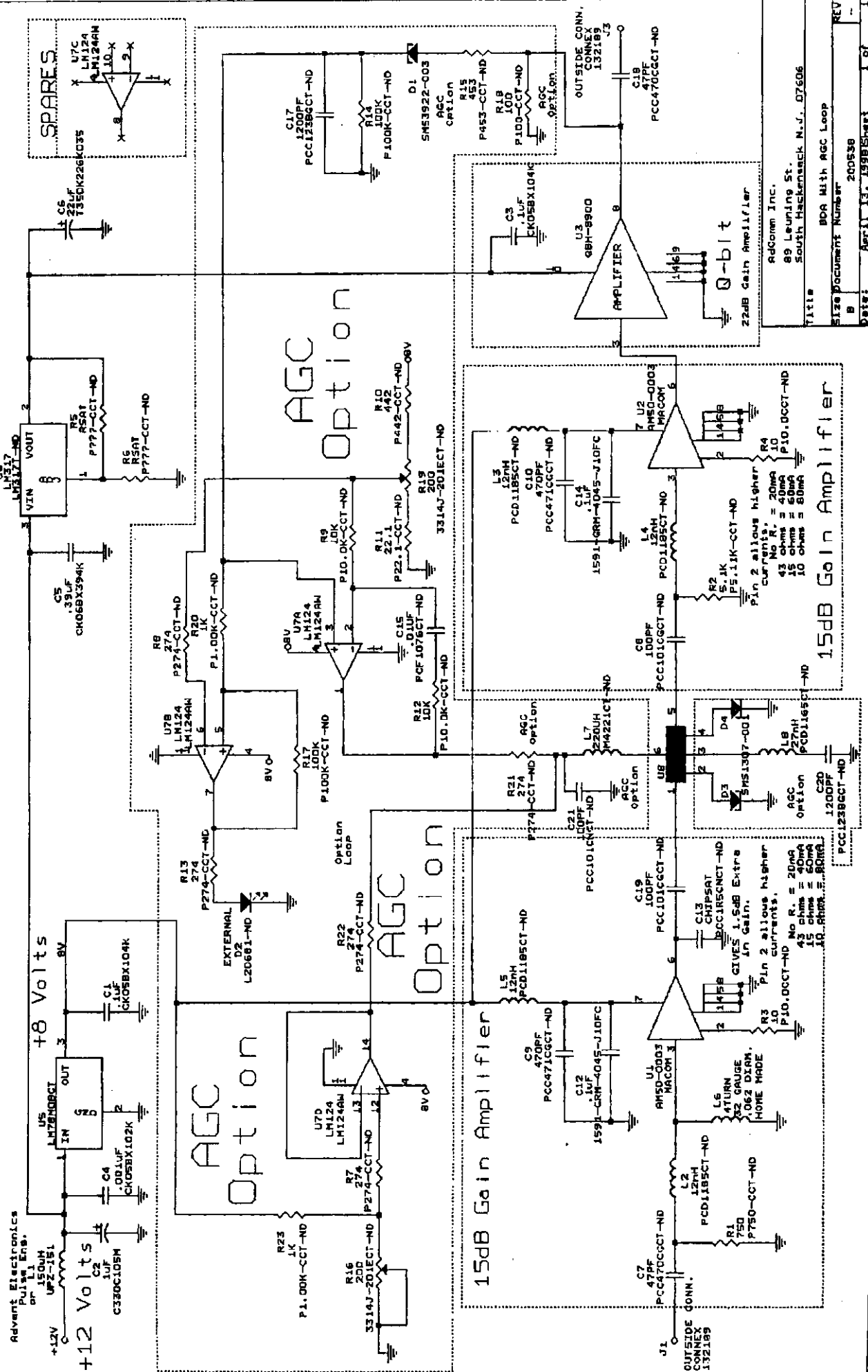
SHEET

PROJECT NO.

CAGE CODE: 07TU2

ITEM	REF DESIG.	QTY	PART/DOCUMENT #	MFR.	SPEC.	DESCRIPTION
46	BDA-8087-52 OPTION	1	SERIAL #			LABEL
47	BDA-8087-52 OPTION	1	UPLINK 806-821 MHZ			LABEL
48	BDA-8087-52 OPTION	1	DOWNLINK 851-866 MHZ			LABEL
49						
50	BDA-900-3 OPTION	1	SERIAL #			LABEL
51	BDA-900-3 OPTION	1	UPLINK 896-901 MHZ			LABEL
52	BDA-900-3 OPTION	1	DOWNLINK 935-940 MHZ			LABEL
53						
54	0 ATTENUATOR OPTION	2	13-2112	Connex		90°Sma To Semi Rigid
55	1 ATTENUATOR OPTION	2	13-2112	Connex		90°Sma To Semi Rigid
56	2 ATTENUATOR OPTION	3	13-2112	Connex		90°Sma To Semi Rigid
57						
58	0 ATTENUATOR OPTION	8	13-2100	Connex		Sma To Semi Rigid
59	1 ATTENUATOR OPTION	9	13-2100	Connex		Sma To Semi Rigid
60	2 ATTENUATOR OPTION	11	13-2100	Connex		Sma To Semi Rigid

Communication Components, Inc
 299 Forest Ave, Paramus
 N.J. 07652



Rev	1	1 of 1
Date:	April 13, 1998	Sheet
Size	Document Number	200538
Title	BDR With AGC Loop	
	AdComm Inc.	
	89 Leuling St.	
	South Hackensack N.J. 07606	

PART-LIST

PART NUMBER: PL-200540

ASSEMBLY TITLE: BDA WITH AGC LOOP

OPTION 1 - AGC CIRCUITRY

TOP ASSY NO: 100028

REVISION A

NEXT ASSY:

PROJECT NO. 10033

SHEET 2 OF 4

CAGE CODE: 07TU2

ITEM	REF DESIG.	QTY	PART/DOCUMENT #	MFR.	SPEC.	DESCRIPTION	NOTES
1		1	200539	ADCOMM		PCB	
2	C1,C3	2	CK05BX104K			.1uF	
3	C2	1	C330C105M			1uF	
4	C4	1	CK05BX102K			.001uF	
5	C5	1	CK06BX394K			.39uF	
6	C8	1	T350K226K035			22uF	
7	C7,C18	2	PCC470CGCT-ND			47PF	
8	C8,C19	2	PCC101CGCT-ND			100PF	
9	C9,C10	2	PCC471CGCT-ND			470PF	
10	C12,C14	2	1591-GRM-4045-J10FC			.1uF	
11	C13	1	PCC1R5CNCCT-ND				
12	C15	1	PCF1076CT-ND 1075			.01uF	
13	Option 1 - AGC C17,C20	2	PCC1235GCT-ND			.0082 uF 1200PF	
14	Option 1 - AGC C21	1	PCC101CGCT-ND			100PF	
15	Option 1 - AGC D1	1	SMS3922-003				

PART LIST

PART NUMBER: PL-200540

ASSEMBLY TITLE: BDA WITH AGC LOGP

OPTION 1 - AGC CIRCUITRY

TOP ASS'Y NO: 100028

REVISION A

NEXT ASSY:

SHEET 3 OF 4

CAGE CODE: 07TU2

PROJECT NO. 10033

ITEM	REF DESIG.	QTY	PART/DOCUMENT #	MFR.	SPEC.	DESCRIPTION	NOTES
16	D2 Option 1 - AGC	1	L20881-ND				
17	D3,D4 Option 1 - AGC	2	SMS1307-001				
18	L1	1	UPZ-151			150uH	
19	L2,L3,L3,L4	4	PCD1185CT-ND			12nH	
20	L6	1	32 GAUGE			4 TURN	
21	L7 Option 1 - AGC	1	M4221CT-ND			220UH	
22	L8 Option 1 - AGC	1	PCD1185CT-ND			27nH	
23	R1	1	P750-CCT-ND			750	
24	R2	1	P5.11K-CCT-ND			5.1K	
25	R3,R4	2	P10.0CCT-ND			10K	
26	R5,R6	2	P777-CCT-ND			RSAT	
27	R7,R8,R13,R21,R22 Option 1 - AGC	5	P274-CCT-ND			274 OHM	
28	R9,R12 Option 1 - AGC	2	P10.0K-CCT-ND			10K	
29	R10 Option 1 - AGC	1	P442-CCT-ND			442	
30	R11 Option 1 - AGC	1	P22.1-CCT-ND			22.1	

AdComm 89 Leuning St. S. Hackensack, N.J. 07606

TEL. (201) 342-6349 FAX (201) 342-3559

FCC ID: NT3BDA8087

PARTLIST

SHEET 4 OF 4

REVISION A

NEXT ASSY:

CAGE CODE: 07TU2

PART NUMBER: PL-200640

ASSEMBLY TITLE: BDA WITH AGC LOOP

OPTION 1 - AGC CIRCUITRY

TOP ASS'Y NO: 10028

PROJECT NO. 10033

ITEM	REF DESIG.	QTY	PART/DOCUMENT #	MFR.	SPEC.	DESCRIPTION	NOTES
31	R14,R17 Option 1 - AGC	2	P100K-CCT-ND			100K	
32	R15 Option 1 - AGC	1	P453-CCT-ND			453	
33	R18,R19 Option 1 - AGC	2	3314J-201ECT-ND			200	
34	R18 Option 1 - AGC	1	P100-CCT-ND			100	
35	R20,R23 Option 1 - AGC	2	P1.00K-CCT-ND			1K	
36	U1,U2	2	AM50-0003	MACOM			
37	U3	1	QBH-8900				
38	U5	1	LM7808CT				
39	U6	1	LM317T-ND			LM317	
40	U7	1	LM124				
41	Option 1 - AGC	1	1595-2		10030	Ground Lug	
42		1	C201150	AdComm		Housing	
43		1	B201155	AdComm		Cover	
44		2	13-2147	CCI		SMA Connector	
45		1	54-779-001-102			Feed-Thru	

AdComm 89 Leuning St. S. Hackensack, N.J. 07606

TEL. (201) 342-6349 FAX (201) 342-3559