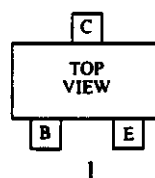
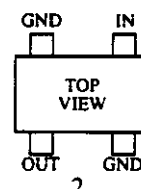


SECTION 8 SCHEMATICS AND COMPONENT LAYOUTS

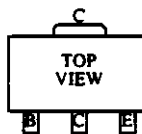
TRANSISTOR AND DIODE BASING REFERENCE TABLE		
TRANSISTORS		
Part Number	Basing Diagram	Identification
576-0003-634	1	
576-0003-636	1	
576-0003-640	2	
576-0003-651	1	
576-0003-658	1	
576-0006-027	3	
576-0013-032	1	
576-0013-046	1	
576-0013-700	1	
576-0013-701	1	
DIODES		
523-1504-001	4	
523-1504-002		5A
523-1504-016	4	
523-1504-023		A7
523-5005-022		S
523-5005-023		5LU



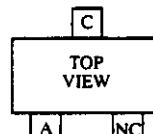
1



2

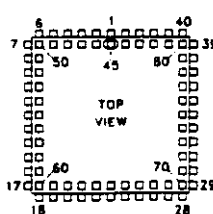
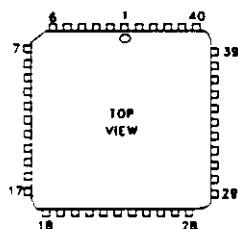
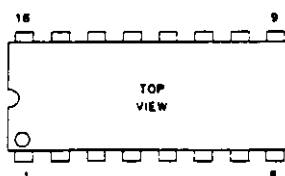
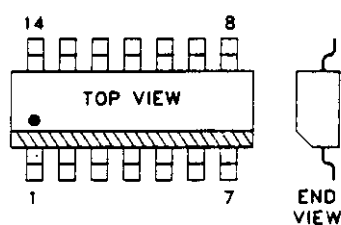


3



4

INTEGRATED CIRCUITS



This section contains the top and bottom component board layouts and schematic diagram for the 3286 Modem.

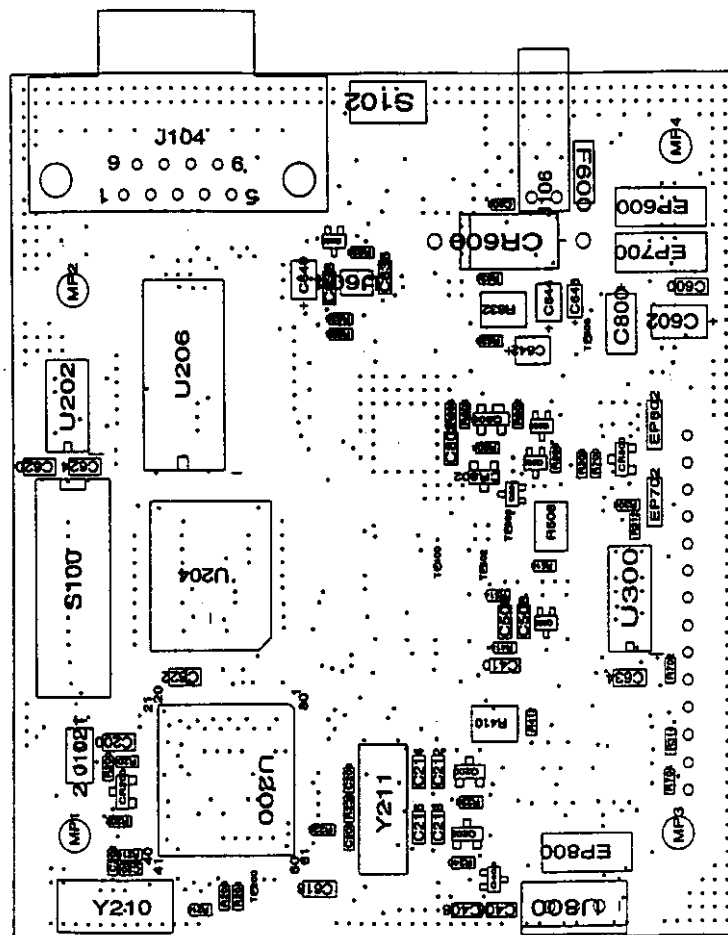


Figure 6-1 3286 Modem Board Component Layout (Top)

Company Confidential © 1998 Johnson Data Telemetry Corporation

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DATA TELEMETRY
A Dataradio Company

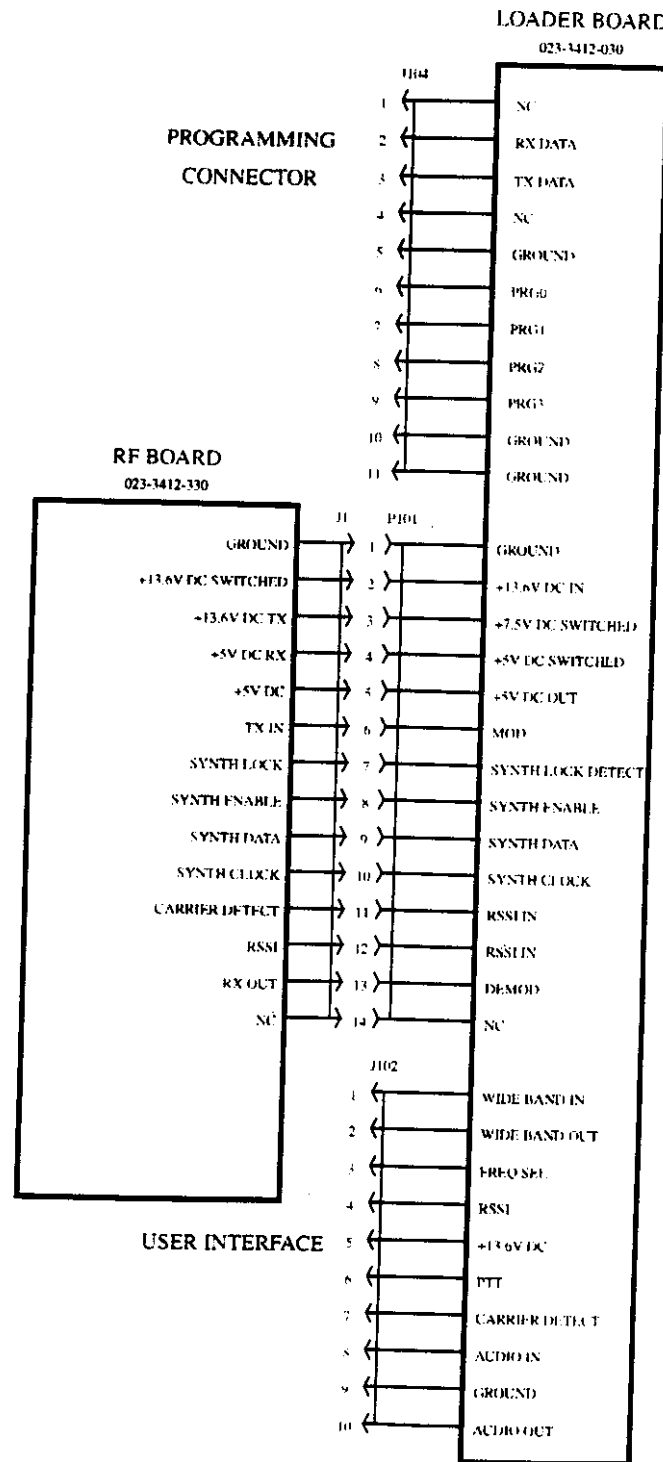
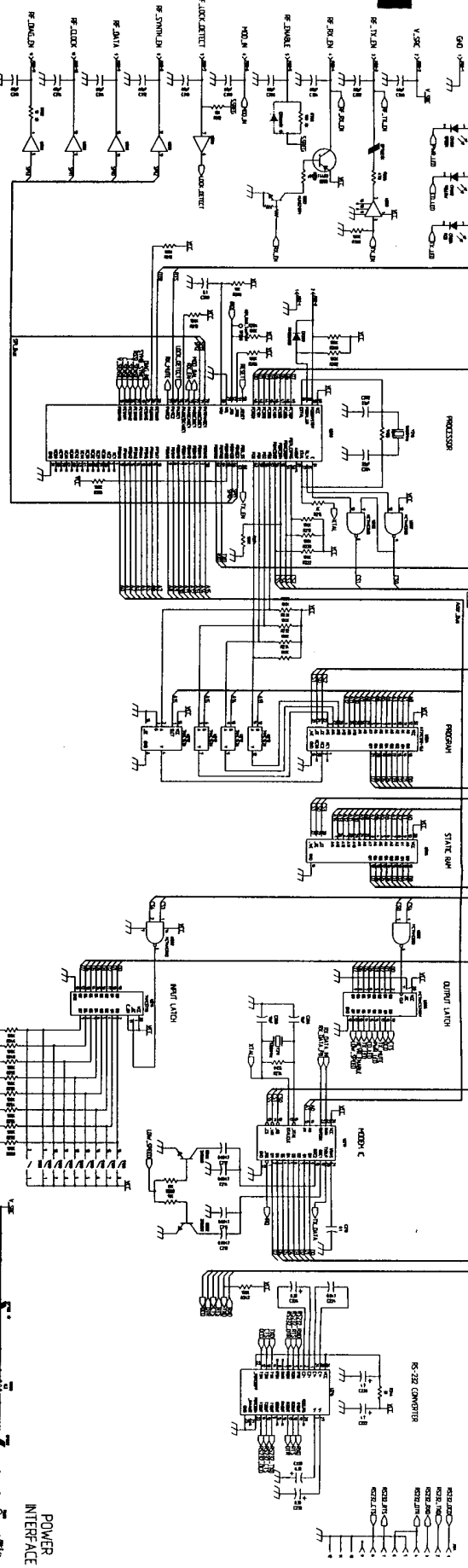
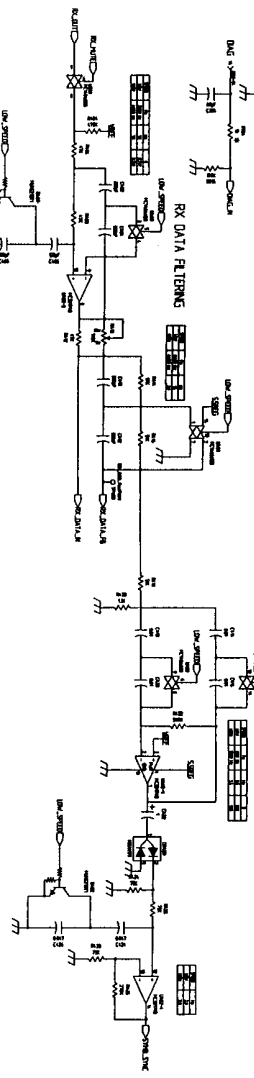


Figure 8-1 3422 INTERCONNECT

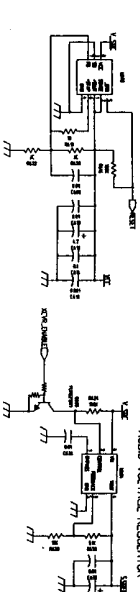
RADIO INTERFACE



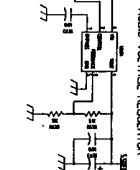
SYMBOL-SYNC BP FILTER



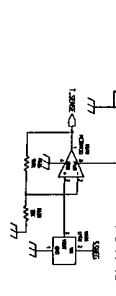
LOGIC VOLTAGE REGULATOR



AUXILIARY VOLTAGE REGULATOR



TEMPERATURE SENSE



KEY UP CIRCUITRY (+002)



Components Only on (+001) Board
Components Only on (+002) Board

REFERENCE DESIGNATION				DESCRIPTION			
REF	DESIGNATION	VALUE	UNIT	REF	DESIGNATION	VALUE	UNIT
1	10K	10K	Ω	1	10K	10K	Ω
2	10K	10K	Ω	2	10K	10K	Ω
3	10K	10K	Ω	3	10K	10K	Ω
4	10K	10K	Ω	4	10K	10K	Ω
5	10K	10K	Ω	5	10K	10K	Ω
6	10K	10K	Ω	6	10K	10K	Ω
7	10K	10K	Ω	7	10K	10K	Ω
8	10K	10K	Ω	8	10K	10K	Ω
9	10K	10K	Ω	9	10K	10K	Ω
10	10K	10K	Ω	10	10K	10K	Ω
11	10K	10K	Ω	11	10K	10K	Ω
12	10K	10K	Ω	12	10K	10K	Ω
13	10K	10K	Ω	13	10K	10K	Ω
14	10K	10K	Ω	14	10K	10K	Ω
15	10K	10K	Ω	15	10K	10K	Ω
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17	10K	10K	Ω	17	10K	10K	Ω
18	10K	10K	Ω	18	10K	10K	Ω
19	10K	10K	Ω	19	10K	10K	Ω
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21	10K	10K	Ω	21	10K	10K	Ω
22	10K	10K	Ω	22	10K	10K	Ω
23	10K	10K	Ω	23	10K	10K	Ω
24	10K	10K	Ω	24	10K	10K	Ω
25	10K	10K	Ω	25	10K	10K	Ω
26	10K	10K	Ω	26	10K	10K	Ω
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29	10K	10K	Ω	29	10K	10K	Ω
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40	10K	10K	Ω	40	10K	10K	Ω
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42	10K	10K	Ω	42	10K	10K	Ω
43	10K	10K	Ω	43	10K	10K	Ω
44	10K	10K	Ω	44	10K	10K	Ω
45	10K	10K	Ω	45	10K	10K	Ω
46	10K	10K	Ω	46	10K	10K	Ω
47	10K	10K	Ω	47	10K	10K	Ω
48	10K	10K	Ω	48	10K	10K	Ω
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51	10K	10K	Ω	51	10K	10K	Ω
52	10K	10K	Ω	52	10K	10K	Ω
53	10K	10K	Ω	53	10K	10K	Ω
54	10K	10K	Ω	54	10K	10K	Ω
55	10K	10K	Ω	55	10K	10K	Ω
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57	10K	10K	Ω	57	10K	10K	Ω
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60	10K	10K	Ω	60	10K	10K	Ω
61	10K	10K	Ω	61	10K	10K	Ω
62	10K	10K	Ω	62	10K	10K	Ω
63	10K	10K	Ω	63	10K	10K	Ω
64	10K	10K	Ω	64	10K	10K	Ω
65	10K	10K	Ω	65	10K	10K	Ω
66	10K	10K	Ω	66	10K	10K	Ω
67	10K	10K	Ω	67	10K	10K	Ω
68	10K	10K	Ω	68	10K	10K	Ω
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70	10K	10K	Ω	70	10K	10K	Ω
71	10K	10K	Ω	71	10K	10K	Ω
72	10K	10K	Ω	72	10K	10K	Ω
73	10K	10K	Ω	73	10K	10K	Ω
74	10K	10K	Ω	74	10K	10K	Ω
75	10K	10K	Ω	75	10K	10K	Ω
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77	10K	10K	Ω	77	10K	10K	Ω
78	10K	10K	Ω	78	10K	10K	Ω
79	10K	10K	Ω	79	10K	10K	Ω
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81	10K	10K	Ω	81	10K	10K	Ω
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83	10K	10K	Ω	83	10K	10K	Ω
84	10K	10K	Ω	84	10K	10K	Ω
85	10K	10K	Ω	85	10K	10K	Ω
86	10K	10K	Ω	86	10K	10K	Ω
87	10K	10K	Ω	87	10K	10K	Ω
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89	10K	10K	Ω	89	10K	10K	Ω
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95	10K	10K	Ω	95	10K	10K	Ω
96	10K	10K	Ω	96	10K	10K	Ω
97	10K	10K	Ω	97	10K	10K	Ω
98	10K	10K	Ω	98	10K	10K	Ω
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100	10K	10K	Ω	100	10K	10K	Ω

Figure 8-5 SCHEMATIC 2 OF 2

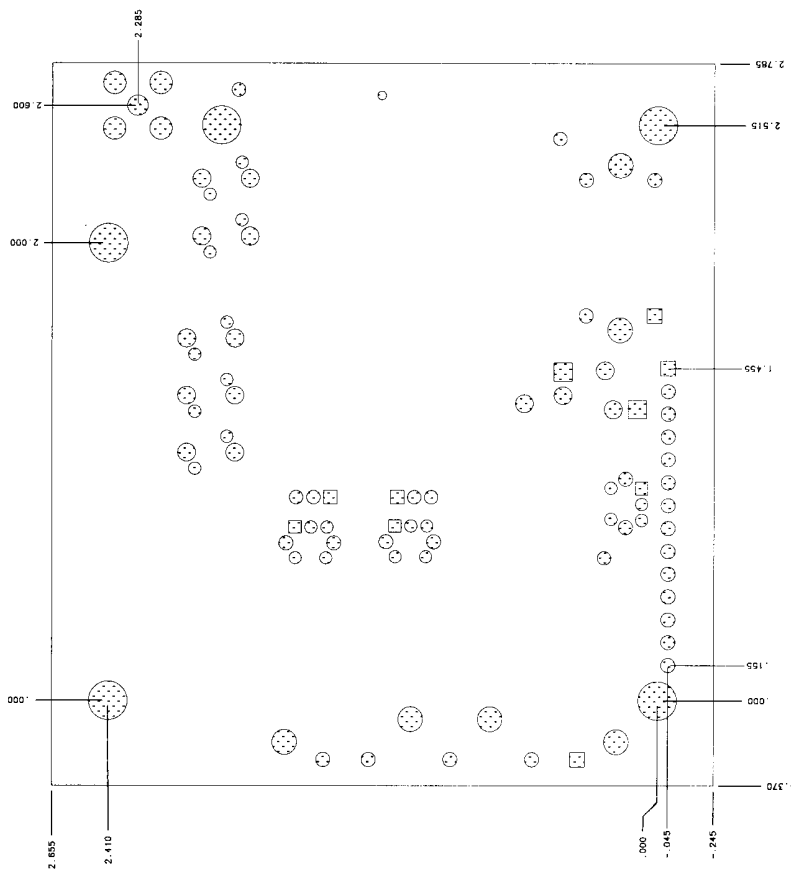


Figure 8-6 MOUNTING HOLE AND JACK DIMENSIONS



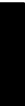


Figure 8-3 TRANSCIEVER COMPONENT LAYOUT (OPPOSITE COMPONENT SIDE VIEW)

PHOTOGRAPHS:

RULE PART NUMBER: 2.983 (g)

SEE ATTACHMENTS

PIC ID: NP42424014-001
JUNIOR DATA TELEMETRY

model BL-4014
Made in MEXICO, MX USA
Canada: PENDING

S/N 40145A170A 090037-5091

MANUAL: The DL-3422 manual contains the schematic for DL-3422 Transceiver and VCO
SCHEMATIC: DL-3286 TELEMETRY MODEM

SEE ATTACHMENTS
