

SECTION 6

SCHEMATICS AND LAYOUTS

6.1 GENERAL

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

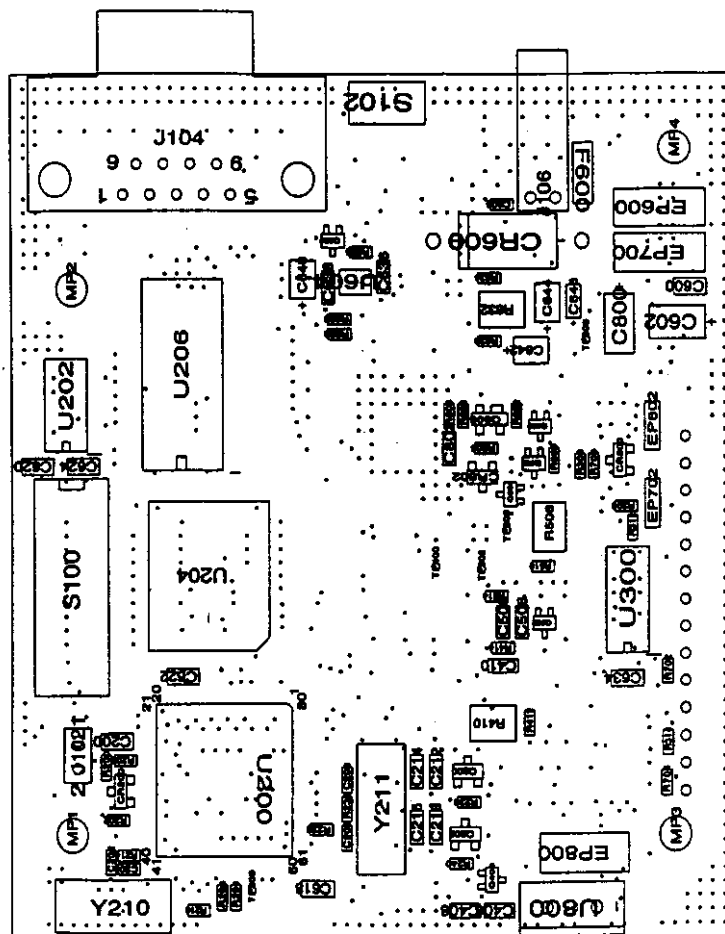


Figure 6-1 3286 Modem Board Component Layout (Top)

Company Confidential © 1998 Johnson Data Telemetry Corporation

SECTION 8 SCHEMATICS AND COMPONENT LAYOUTS

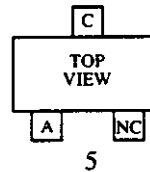
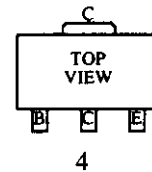
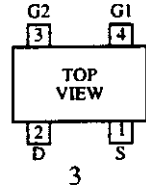
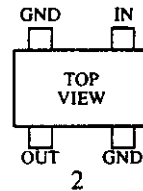
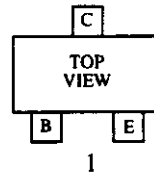
**TRANSISTOR AND DIODE BASING
REFERENCE TABLE**

TRANSISTORS

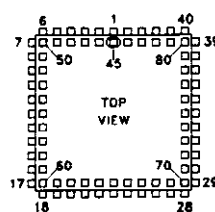
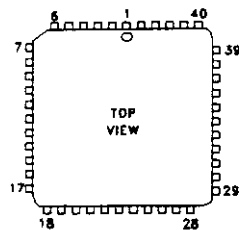
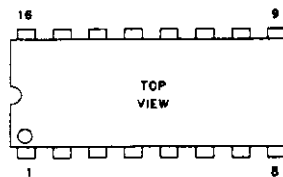
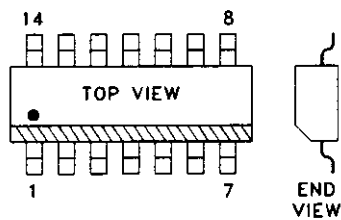
Part Number	Basing Diagram	Identification
576-0003-636	1	
576-0003-640	2	
576-0006-027	4	PIF
576-0006-405	3	U72
576-0013-032	1	6D
576-0013-046	1	8C
576-0013-700	1	BR
576-0013-701	1	ZR

DIODES

523-1504-001	5	4D
523-1504-002	5	5A
523-1504-016	5	5F
523-5005-022	5	5B



INTEGRATED CIRCUITS



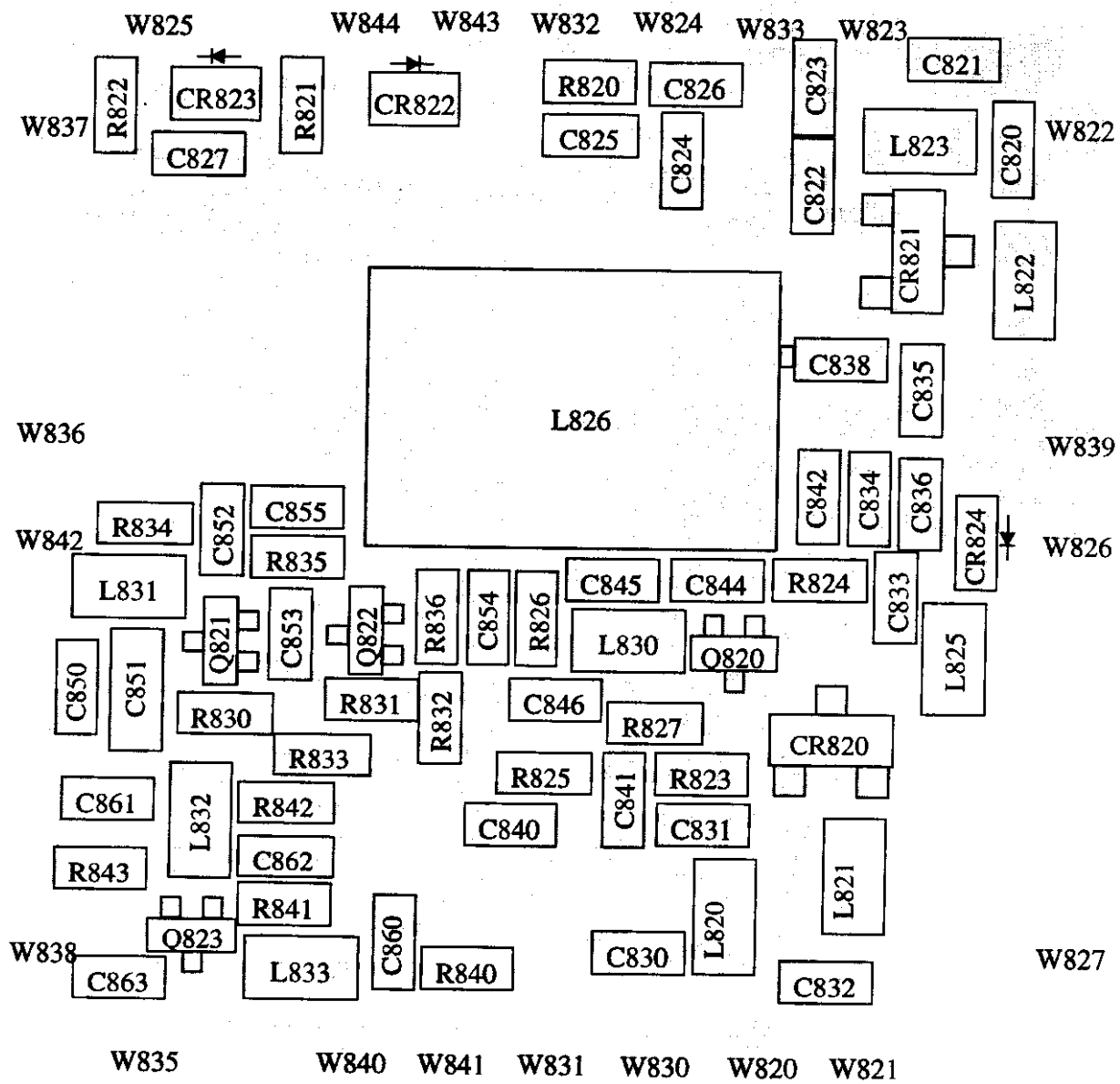


Figure 8-7 VCO COMPONENT LAYOUT

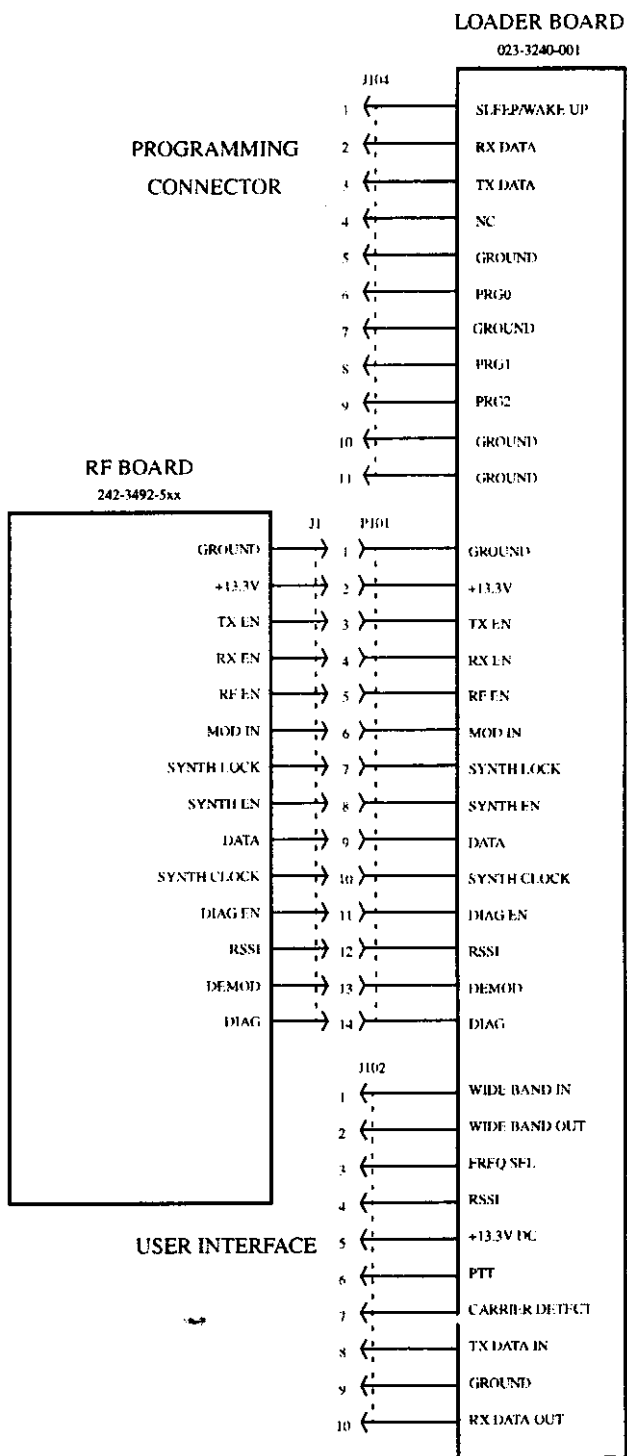


Figure 8-1 LOADER BOARD INTERCONNECT

SCHEMATICS AND LAYOUTS

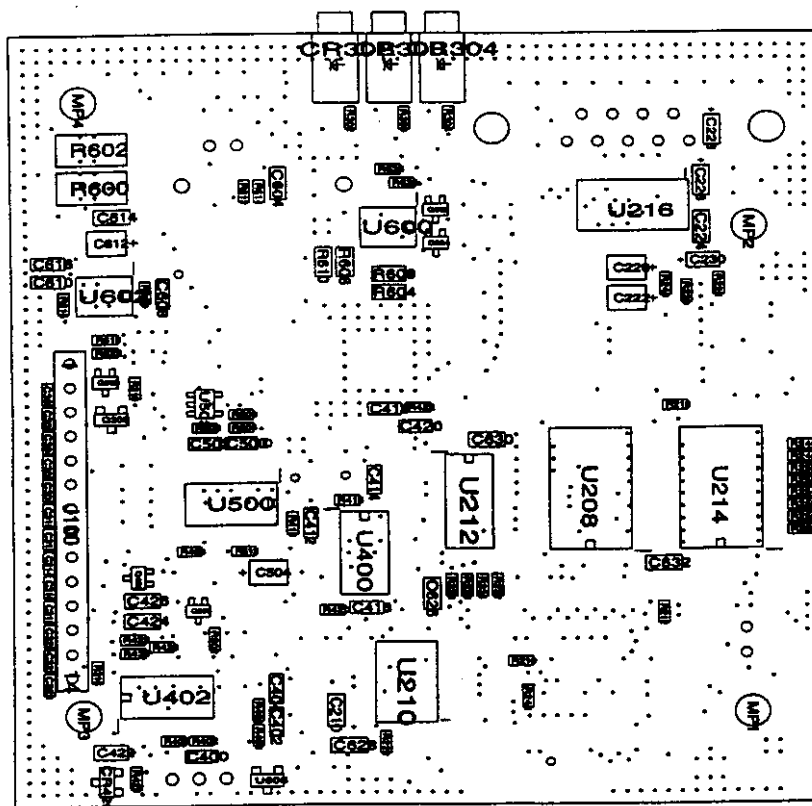
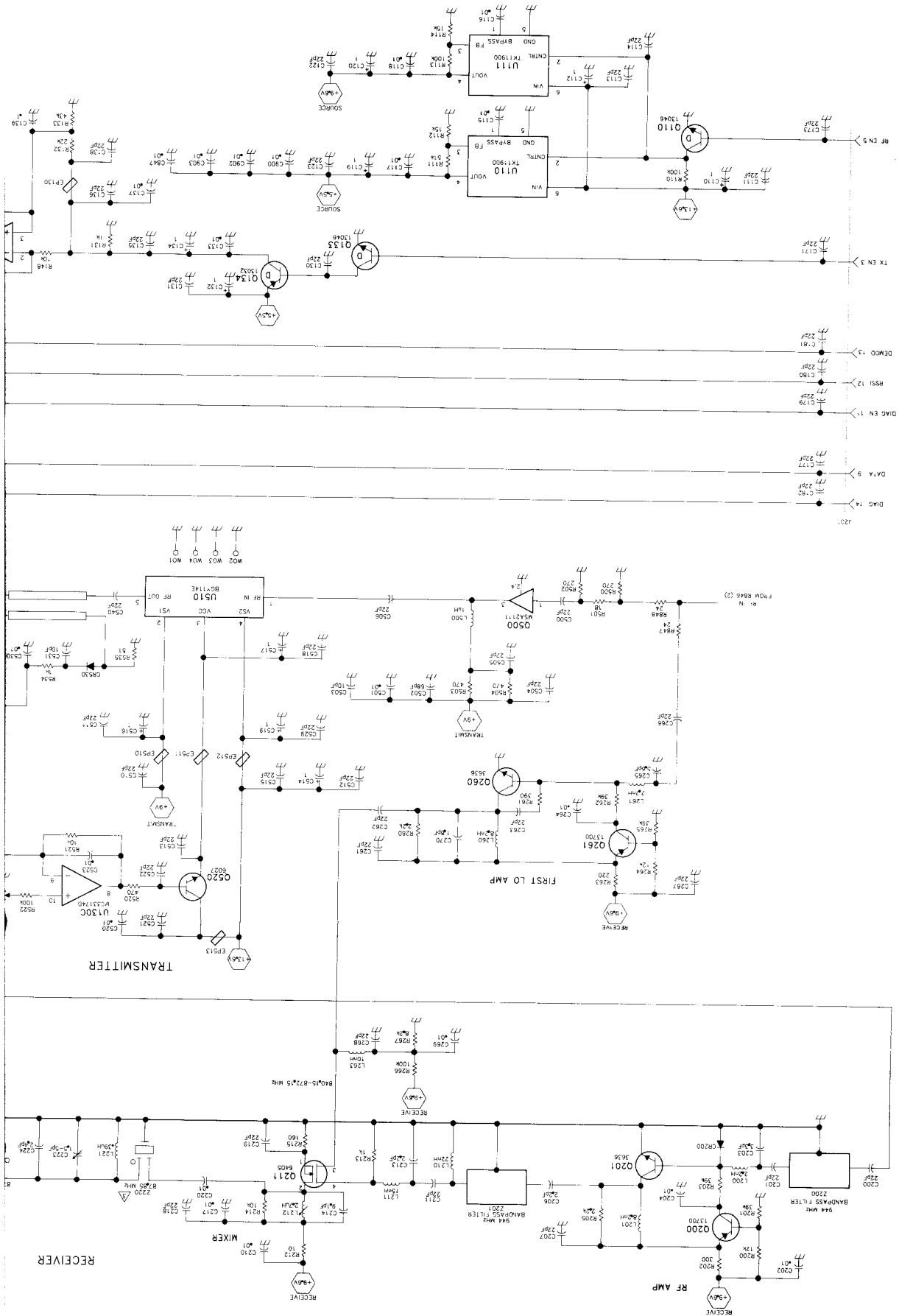


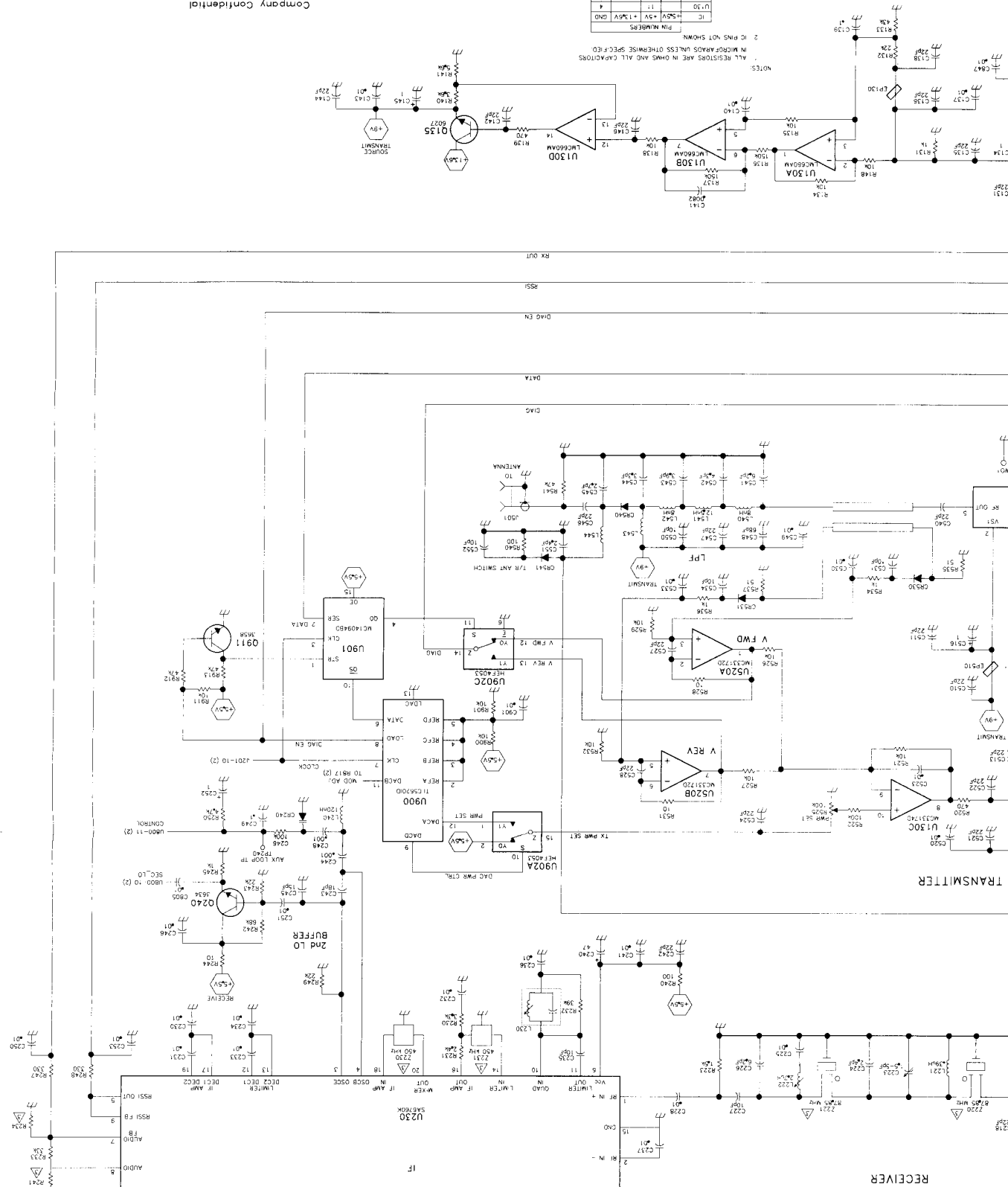
Figure 6-2 3286 Modem Board Component Layout (Bottom)

Company Confidential © 1998 Johnson Data Telemetry Corporation



RECEIVER

TRANSMITTER



IC	BIN NUMBER
U130	1
U130	2
U130	3
U130	4
U130	5
U130	6
U130	7
U130	8
U130	9
U130	10
U130	11
U130	12
U130	13
U130	14
U130	15
U130	16

NOTES:
1. ALL RESISTORS ARE IN OHMS AND ALL CAPACITORS IN MICROFARADS UNLESS OTHERWISE SPECIFIED.
2. IC PINS NOT SHOWN.

3. BANDWIDTH DEPENDENT COMPONENT SEE PARTS LIST

Figure 8-5 SCHEMATIC 1 OF 2

Company Confidential
Johnson Data Telemetry Corporation
Copyright 1997

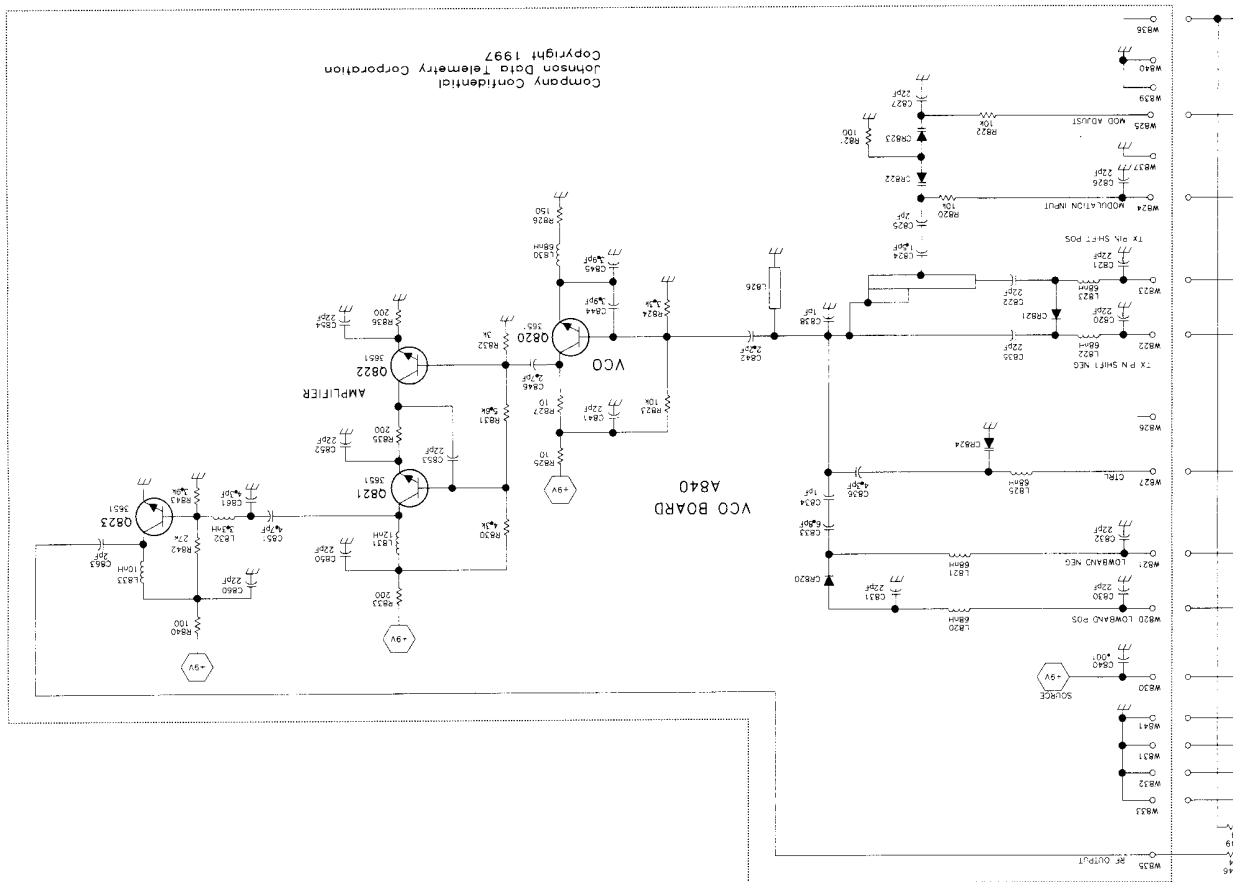
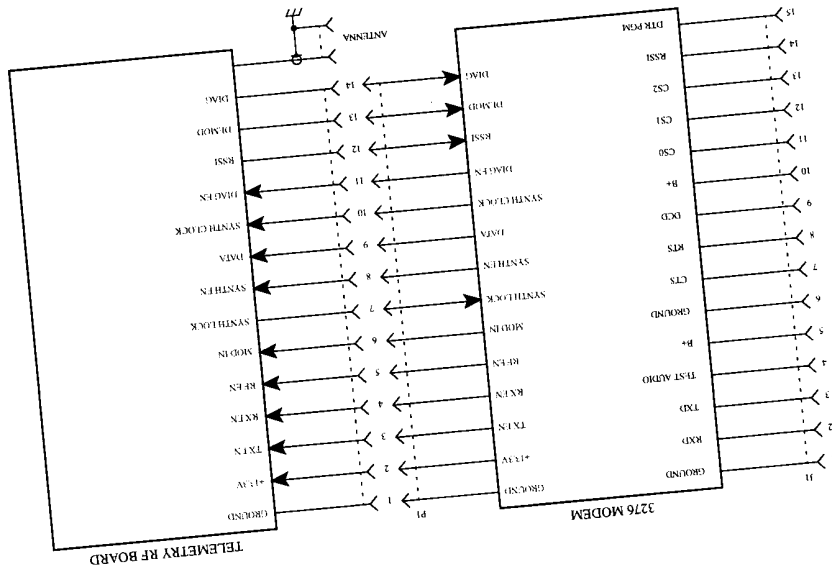


Figure 8-2 MODEM INTERCONNECT



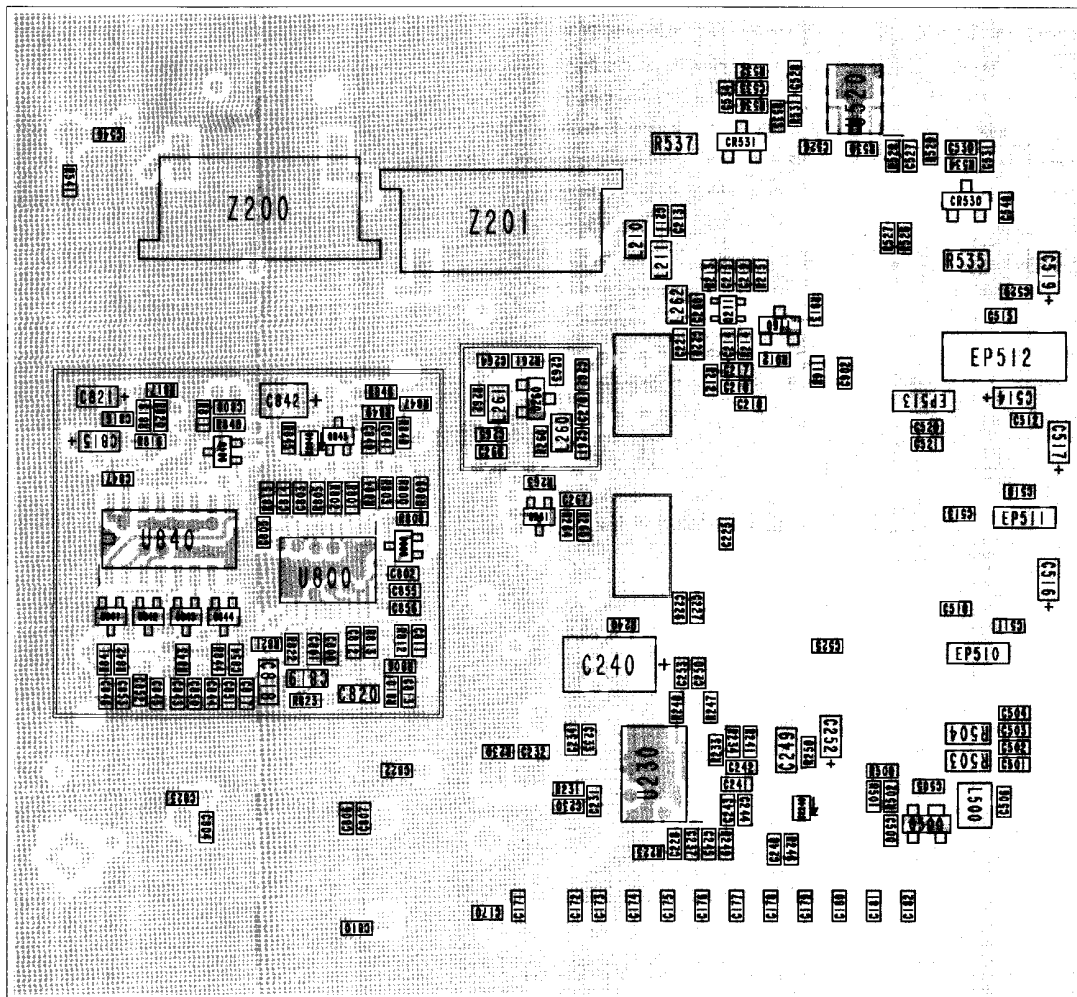


Figure 8-4 TRANSCEIVER COMPONENT LAYOUT (OPPOSITE COMPONENT SIDE VIEW)



Figure 8-3 TRANSCEIVER COMPONENT LAYOUT (COMPONENT SIDE VIEW)