1260 VXI SWITCHING CARD

1260-66 18GHz MICROWAVE SWITCH CARD

PUBLICATION NO. 980673-044

RACAL INSTRUMENTS

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For the specific terms of your standard warranty, or optional extended warranty or service agreement, contact your Racal customer service advisor. Please have the following information available to facilitate service.

1. Product serial number

2. Product model number

3. Your company and contact information

You may contact your customer service advisor by:

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RETURN of PRODUCT

Authorization is required from Racal Instruments before you send us your product for service or calibration. Call your nearest Racal Instruments support facility. A list is located on the last page of this manual. If you are unsure where to call, contact Racal Instruments, Inc. Customer Support Department in Irvine, California, USA at 1-800-722-3262 or 1-949-859-8999 or via fax at 1-949-859-7139. We can be reached at:

helpdesk@racalinstruments.com.

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FOR YOUR SAFETY

Before undertaking any troubleshooting, maintenance or exploratory procedure, read carefully the **WARNINGS** and **CAUTION** notices.

This equipment contains voltage hazardous to human life and safety, and is capable of inflicting personal injury.

If this instrument is to be powered from the AC line (mains) through an autotransformer, ensure the common connector is connected to the neutral (earth pole) of the power supply.

Before operating the unit, ensure the conductor (green wire) is connected to the ground (earth) conductor of the power outlet. Do not use a two-conductor extension cord or a three-prong/two-prong adapter. This will defeat the protective feature of the third conductor in the power cord.

Maintenance and calibration procedures sometimes call for operation of the unit with power applied and protective covers removed. Read the procedures and heed warnings to avoid "live" circuit points.

Before operating this instrument:

- 1. Ensure the instrument is configured to operate on the voltage at the power source. See Installation Section.
- 2. Ensure the proper fuse is in place for the power source to operate.
- 3. Ensure all other devices connected to or in proximity to this instrument are properly grounded or connected to the protective third-wire earth ground.

If the instrument:

- fails to operate satisfactorily
- shows visible damage
- has been stored under unfavorable conditions
- has sustained stress

Do not operate until performance is checked by qualified personnel.

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NOTE FOR SYSTEMS WITH 1260-OPT 01T

The "Module-Specific Syntax" section of this manual shows the command syntax for the 1260-01S Smart Card. If you are using the newer 1260-01T Smart Card, the commands will NOT work as shown.

Consult the 1260-01T Manual for a description of the commands which may be used with the 1260-01T Smart Card.

The channel numbers described in this manual are valid for the 1260-01T. The channel numbers continue to be used for the 1260-01T.

The syntax of the commands which use channel numbers has changed for those cards controlled by the 1260-01T.

The new syntax used to close a channel is:

```
CLOSE (@ <module address> ( <channel> ) )
```

For example, with for a relay module whose <module address> is set to 7, closing <channel> 0 is performed with the command:

Using the older 1260-01S, the command would be (as shown in this manual):

CLOSE 7.0

Many other command syntax differences exist. Please consult chapter 2 of the 1260-01T manual for a description of the commands which are available for the 1260-01T.

Control Information for the 1260-66A

The following information describes the control-register-to-relay-channel mapping for a 1260-66A Relay Module. This information may be used to control a 1260-16 when using a 1260-01T in the register-based mode of operation.

Each 1P6T relay is controlled by a single control register. Each bit of the control register controls a single throw of the 1P6T relay. Setting the bit to a 1 connects the corresponding throw to the pole. At most 1 of the 6 control bits of this register should be set at any one time. If this is not followed, two throws may be shorted together.

The table below shows the mapping between logical channels used to operate the relay module in message-based mode and the bits within the Control Registers which may be used to operate the channel in register-based mode.

Each Control Register is located 2 addresses from the previous Control Register. This is shown in Table 2-2 of the 1260-01T manual. Control Register 0 is located at the "Base A24 Address" for the module. Consult the "Register-Based Operation" Section of Chapter 2 of this manual for a description of calculating control register addresses.

Channel	Control Register	Control Bit
0	0	0
1	0	1
2	0	2
3	0	3
4	0	4
5	0	5
10	1	0
11	1	1
12	1	2
13	1	3
14	1	4
15	1	5
20	2	0
21	2	1
22	2	2
23	2	3
24	2	4
25	2	5
30	3	0
31	3	1
32	3	2
33	3	3
34	3	4
35	3	5
40	4	0
41	4	1
42	4	2
43	4	3
44	4	4
45	4	5
50	5	0
51	5	1
52	5	2
53	5	3
54	5	4
55	5	5

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MODULE SPECIFICATION

General Information

The 1260-66 consists of up to six 1P6T, 18GHz switches.



Figure 1-1, 1260-66

Specifications

Quantity of RF Switches

1260-66A

1260-66B

1260-66C

User Connectors on Module

6 18GHz switches

4 18GHz switches

2 18GHz switch

SMA Female - **Caution**: Mating Connector engagement should not exceed 9 in. lbs. torque maximum.

Recommended Torque

Wrench:

Wiltron Model 01-201, 8 in.

lbs.

RF Impedance 50S, nominal

Insertion Loss, dB Max 0.2 DC - 4GHz

0.3 4GHz - 12.4GHz 0.4 12.4GHz - 18GHz

Isolation, dB Min 60 DC - 18GHz

VSWR, Max 1.25:1 DC - 4GHz

1.40:1 4GHz - 12.4GHz 1.50:1 12.4GHz - 18GHz

Power rating, RF, Cold 70 DC - 4GHz Switching, Watts Min: 40 4 - 12.4GHz (25EC) 30 12.4 - 18GHz

Switch Life, Min: 1 x 10⁶ Operations

Switch Sequence: Break Before Make

Switching Time, Max: 15mS

Minimum Option 01

Hardware Revision 401901-005 Rev. B or later

Minimum Option 01 231417-001, Rev. 29.1 (T) Firmware Revision 231417-002, Rev. 29.1 (T)

General Power Requirements (I_{pm})

+5V 0.4A (2.8A with Option 01 installed) +12V 300mA per RF relay (energized)

Cooling Requirements

Airflow (at sea level) 4.0 L/S at 0.5 mm of H₂O

Weight 6.0lbs (2.25 Kg)

6.28lbs (2.38 Kg) with Option 01

Environmental Temperature

Operating 0EC to 55EC Storage -55EC to 75EC

Humidity 95%, non-condensing

Altitude

15,000 ft.

Safety

Refer to the "FOR YOUR SAFETY" page preceding the Table of Contents. Follow all NOTES, CAUTIONS and WARNINGS to ensure personal safety and prevent damage to the instrument.

Product Support

Racal Instruments has a complete Service and Parts Department. If you need technical assistance or should it be necessary to return your product for servicing, call 1-800-722-3262 or call 949-859-8999 and ask for Customer Support. Refer to Chapter 9, Product Support for further information.

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INSTALLATION INSTRUCTIONS

Unpacking and Inspection

- 1. Before unpacking the switching module, check the exterior of the shipping carton for any signs of damage. All irregularities should be noted on the shipping bill.
- 2. Remove the instrument from its carton, preserving the factory packaging as much as possible.
- 3. Inspect the switching module for any defect or damage. Notify the carrier immediately if any damage is apparent.
- 4. Have a qualified person check the instrument for safety before use.

Reshipment Instructions

- Use the original packing if it is necessary to return the switching module to Racal Instruments for calibration or servicing. The original shipping carton and the instrument's plastic foam will provide the necessary support for safe reshipment.
- 2. If the original packing is unavailable, wrap the switching module in plastic sheeting and use plastic spray foam to surround and protect the instrument.
- 3. Reship in either the original or a new, sturdy shipping carton.

Option 01 Installation

Installation of the Option 01 into the 1260-66 is described in the Installation section of the 1260-Series VXI Switching Cards Manual. Note that lockout keying for the double-wide 1260-66 module differs from that described in the 1260 manual section.

Lockout Keys

The lockout key configuration for the 1260-66 is slightly different from that of the other 1260 modules because the 1260-66 occupies two VXI slots. Lockout key mounting holes are present in the front panel for each of the occupied VXI slots.

If the module is **not** the leftmost nor the rightmost module in the group, lockout key "A" (Racal Instruments P/N 455540) should be installed in the location corresponding to the module's left slot. Lockout key "C" (Racal Instruments P/N 455541) should be installed in the location corresponding to the module's right slot.

If the module is the leftmost module in the group, lockout key "C" should be installed in the location corresponding to the module's right slot.

If the module is the rightmost module in the group, lockout key "A" should be installed in the location corresponding to the module's left slot.

Module Installation

Installation of the 1260-66 Switching Module into a VXI mainframe, including the setting of DIP switches, is described in the Installation section of the 1260-Series VXI Switching Cards Manual. The ID byte DIP switches should be set as follows:

1260-66A 5=0 6=0 1260-66B 5=1 6=0 1260-66C 5=0 6=1

Note that incorrect setting of the ID byte DIP switches will cause an incorrect module ID to be reported to the user in response to a PDATAOUT command. All other module functionality is unaffected by the setting of the ID byte switches.

MODULE SPECIFIC SYNTAX

General

The Module Specific Syntax for the 1260-66 is required for use in the OPEN and CLOSE commands. It will also appear in data output by the 1260 Series Master in response to the PDATAOUT command.

The Module Specific Syntax for the 1260-66 module is as follows:

<mod addr>.<relay no><channel no>

where <mod addr> is the address of the 1260-66.

NOTE

The <mod addr> used here is NOT the VXIbus defined logical address of the 1260 Series Master. It is peculiar to the 1260 Series and describes the switching module in relation to the 1260 Master. This address corresponds to the binary value of the switch setting of SW1 on the switching module PCB.

<relay no> is a reference to the specific relay to be switched. It is a single digit number. The range for a valid <relay no> depends on the particular 1260-66 model used:

1260-66A: 0 # <relay no> # 5 1260-66B: 0 # <relay no> # 3 1260-66C: 0 # <relay no> # 1

<channel no> refers to the specific relay pole to be operated.
This is a one-digit number that must be between 0 and 5.

Refer to Figure 4-1, and Table 4-1 for relay numbers, and pole connector locations of the 1260-66 module.

If more than one connection is to be made or broken on the 1260-66 with contiguous relays, the following format is

supported:

<mod addr>.<relay no><pole no>-<relay no><pole no>

OPEN

Multiple groups of relays can be specified on a single command line by separating the path designators by commas. Command lines terminate at the end of the line.

EXAMPLE:

OPEN 3.00, 21, 33

PDATAOUT

The PDATAOUT command causes the specified module to transmit the CLOSED state of the relays in the 1260-66 module. The syntax used is:

PDATAOUT <mod addr>[;<mod addr>][;<mod addr>]....

The response to the PDATAOUT command for the 1260-66 is as follows:

```
<header>
<mod addr>. <relay no><channel no>[,...]
<relay no><channel no>[,...]
<mod addr>.END
```

where <header> is as follows:

1260-66A: <mod addr>. 1260-66A SIX 1x6 SWITCHING MODULE 1260-66B: <mod addr>. 1260-66B QUAD 1x6 SWITCHING MODULE 1260-66C: <mod addr>. 1260-66C DUAL 1x6 SWITCHING MODULE

Note the actual <header> sent is determined by the setting of the ID Byte DIP switches on the module, and is independent of the number of microwave relays installed.

PSETUP

The PSETUP command causes the specified module to transmit its sequence mode. The supported sequence mode is BBM (Break-Before-Make). The syntax used is:

PSETUP <mod addr>[;<mod addr>][;<mod addr>]....

The response to the PSETUP command for the 1260-66 is as follows:

<header>

<mod addr>.<seq mode> <mod addr>.END

where <seq mode> BBM and

where <header> is as follows:

1260-66A: <mod addr>. 1260-66A SIX 1x6 SWITCHING MODULE 1260-66B: <mod addr>. 1260-66B QUAD 1x6 SWITCHING MODULE 1260-66C: <mod addr>. 1260-66C DUAL 1x6 SWITCHING MODULE

Note the actual <header> sent is determined by the setting of the ID Byte DIP switches on the module, and is independent of the number of microwave relays installed.

CLOSE

The 1260-66 1x6 microwave relays (S1 through S6) each allow at most one of the six poles to be closed at any one time. The card implements an "implicit exclusion list" for each 1x6 microwave relay. For example, if the 1260-66 module address is 3, and relay 3.24 is currently closed, then the command:

CLOSE 3.21

will cause the card to open relay pole 3.24, and then close relay pole 3.21. Similarly, if the command:

CLOSE 3.20-25

is issued, the card will close only relay pole 3.25, with relay poles 3.20 through 3.24 being opened prior to closing relay pole 3.25.

SETUP

The SETUP command does not effect microwave relays S1 through S6. The microwave relays (S1 through S6) are always implemented as Break-Before-Make (BBM) to ensure that at most 1 of 6 poles are closed at any one time.

Other Commands

The 1260-66 supports most standard 1260 features. These include Confidence Mode, Equate/Exclude/Scan Lists commands, and the STORE/RECALL commands.

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CONNECTOR PIN CONFIGURATION

RF Relays

Figure 4-1 shows the location of the six RF switches on the front panel of the 1260-66 module. The designations for each of the SMA male connectors common and poles on each switch is also shown.

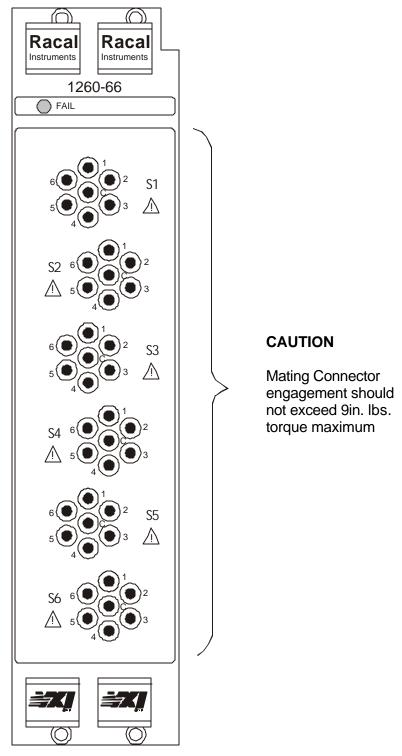


Figure 4-1, 1260-66 Front Panel

Table 4-1, Relay Command to Control Map

1260-66A 1260-66B 1260-66C	Relay No	Channel No	Connector In	Connector Out
	0	0	S1-C	S1-1
	0	1	S1-C	S1-2
	0	2	S1-C	S1-3
	0	3	S1-C	S1-4
	0	4	S1-C	S1-5
	0	5	S1-C	S1-6
	4	0	G2 G	GO 1
	1	0	S2-C	S2-1
	1	1	S2-C	S2-2
	1	2 3	S2-C	S2-3
	1		S2-C	S2-4
	1	4	S2-C	S2-5
	1	5	S2-C	S2-6
	2	0	S3-C	S3-1
	2	0 1	S3-C S3-C	S3-1 S3-2
	2 2	2 3	S3-C	S3-3
			S3-C	S3-4
	2	4	S3-C	S3-5
	2	5	S3-C	S3-6
	3	0	S4-C	S4-1
	3	1	S4-C	S4-2
	3	2	S4-C	S4-3
	3	3	S4-C	S4-4
	3	4	S4-C	S4-5
<u> </u>	3	5	S4-C	S4-6
	-	-	2.2	
	4	0	S5-C	S5-1
	4	1	S5-C	S5-2
	4	2	S5-C	S5-3
	4	3	S5-C	S5-4
	4	4	S5-C	S5-5
	4	5	S5-C	S5-6
	5	0	S6-C	S6-1
	5	1	S6-C	S6-2
	5	2	S6-C	S6-3
	5	2 3	S6-C	S6-4
	5 5	4	S6-C	S6-5
_	5	5	S6-C	S6-6



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THEORY OF OPERATION

PCB Assemblies

The 1260-66 consists of two PCB Assemblies. The small PCB Assembly is required to pass the local bus signals, LBUS0 through LBUS11, through the unused second slot of this doublewide module. The VXI IACK and BUS GRANT 0 through 3 signals are jumpered to allow the PCB Assembly to be used in autoconfiguring backplanes.

The main logic PCB Assembly contains 1260 Local Bus interface circuitry, and drivers for the RF relays. The VXI interface is described in the Theory of Operation section of the 1260 Series VXI Switching Cards Manual. The relay driver circuitry is contained in monolithic IC driver chips.



Chapter 6 DRAWINGS

407499	Final Assembly, 1260-66	6-3
405055	PCB Assembly, L-BUS Bypass	
435055	Schematic, L-BUS Bypass	6-6
405115	PCB Assembly, 1260-66 Relay Driver	
435115	Schematic, 1260-66 Relay Driver	6-8
407498	Relay Assy, 1260-66, 18GHz	6-18

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6) IN SHIPPING CARTON WITH SHIPPING KIT (ITEM INCLUDE S ASSEMBLY.

DISCARD UNUSED HARDWARE SUPPLIED WITH ITEM 23, WHICH CONSISTS OF MOUNTING HARDWARE FOR HANDLES AND ASSOCIATED PARTS. \triangleleft

LOCATE APPROPRIATE VXI LABEL WHERE SHOWN. REFERENCE 921410 FOR SPECIFIC LABEL INFORMATION. \langle \triangleleft

FROM L-BUS BYPASS PCB ASSY (ITEM 1) TO J9 ON DRIVE PCB ASSY (ITEM 2). ORIENT EITHER ORANGE TO PIN 1 ON J9. REFER TO CONFIGURATION CHART FOR CONNECTIONS OF RELAY ASSEMBLIES (ITEM 4) AND SWITCH POSITIONS ON ITEM 2. (FOR POSITIONS I THRU 4 REFER TO CONFIGURATION CHART OF 1260-66 RELAY DRIVE PCB ASSY, ITEM 2).

TO ACCESS 1260-66 RELAY DRIVE ASSY (ITEM 2), REMOVE RIGHT SIDE PANEL (ITEM 15) THEN REMOVE L-BUS BYPASS PCB ASSY (ITEM 1) AND REAR DOUBLE PANEL (ITEM 9) AS A UNIT BY REMOVING TWO SEMS SCREWS (ITEM 30). CABLE F RELAY C CABLE CONNECT 1 1260-66 I VIRE ON 1 € \bigcirc

APPLY LOCTITE (ITEM 39) SPARINGLY TO METRIC FLAT HEAD SCREWS (ITEM 32). DO NOT ALLOW CONTACT WITH EJECTOR HANDLES (ITEM 22) TOP AND (ITEM 21) BOTTOM. \triangleleft

AFFIX LABELS PART OF ITEM 43 AS SHOWN, ALIGN LABEL TEXT WITH APPROPRIATE SWITCH ACTUATORS. **⊘**<

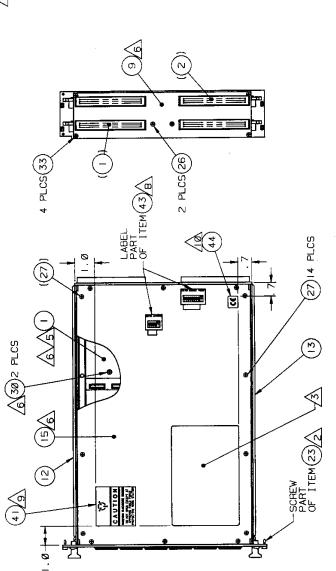
SHOWN AS LOCATE CAUTION LABEL (ITEM 41) AFFIX CE MARKING LABEL (ITEM 44) PER DIMENSIONS SHOWN

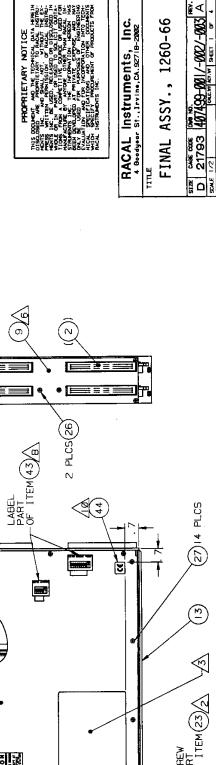
ASSEMBLY CONFIGURATION TO BE AS FOLLOWS:

-ØØ1 126Ø-66A,6 SP6T M/W SW, 18GHZ
-ØØ2 126Ø-66B,4 SP6T M/W SW, 18GHZ
-ØØ3 126Ø-66C,2 SP6T M/W SW, 18GHZ
IMPORTANT: ADJUST RELAY ASSY (ITEM 4) TO ENSURE THAT RELAY
CONNECTORS ARE CENTERED IN FRONT PANEL OPENINGS TO PROVIDE
MAXIMUM CLEARANCE WITH MATING CONNECTOR BODY.

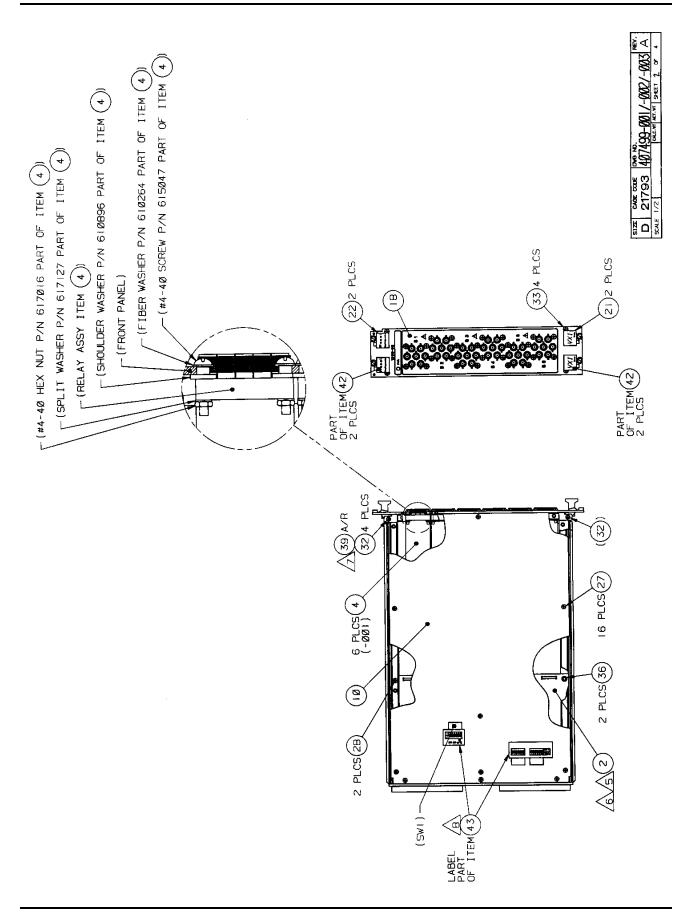
FOR -002 AND -003 ASSEMBLIES INSTALL COVER PLATE (ITEM 17) WHERE NO RELAY ASSEMBLIES EXIST. USE ITEMS 19, 20 AND 24 TO SECURE 1TEM 17, MOUNT ON INSIDE OF FRONT PANEL WITH LINE GRAIN IN VERTICAL DIRECTION.

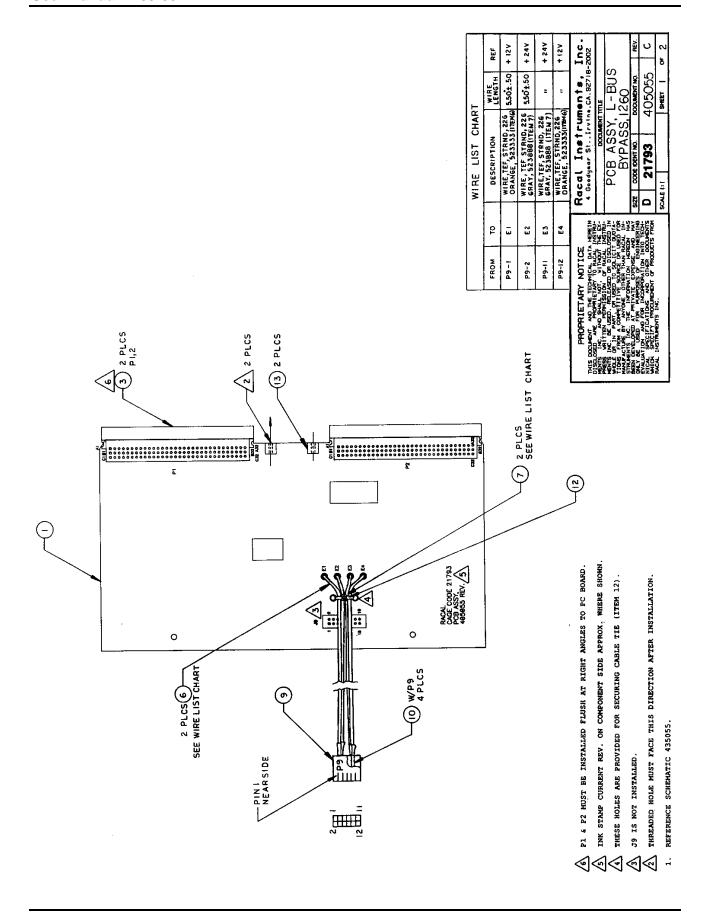


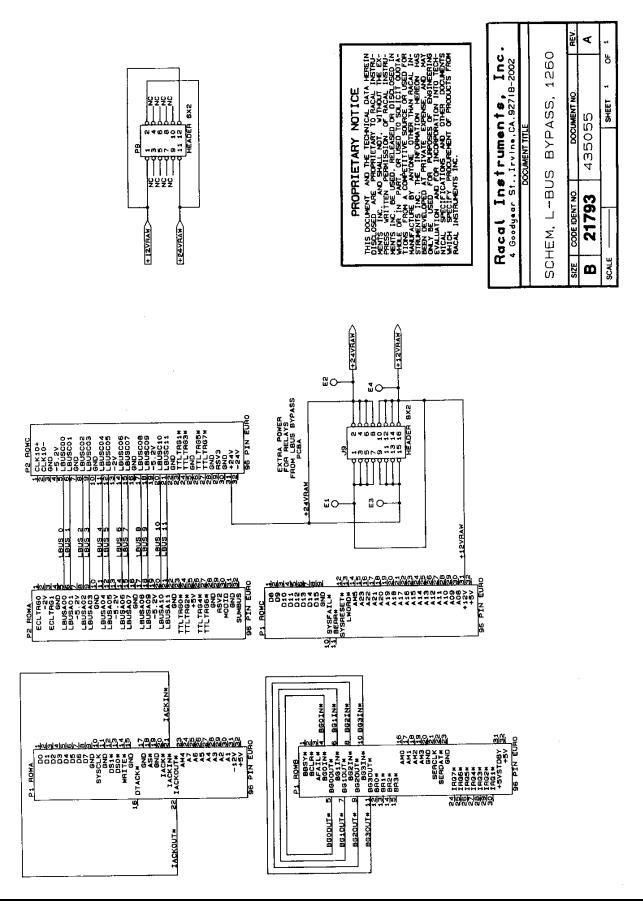


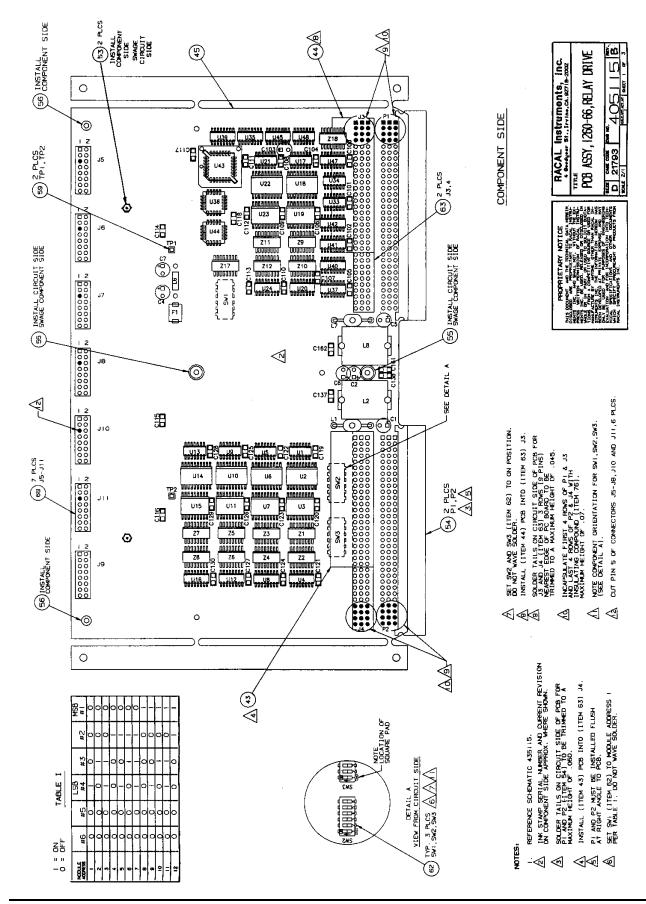


Instruments, Inc. str., Irvine, CA. 92718-2802







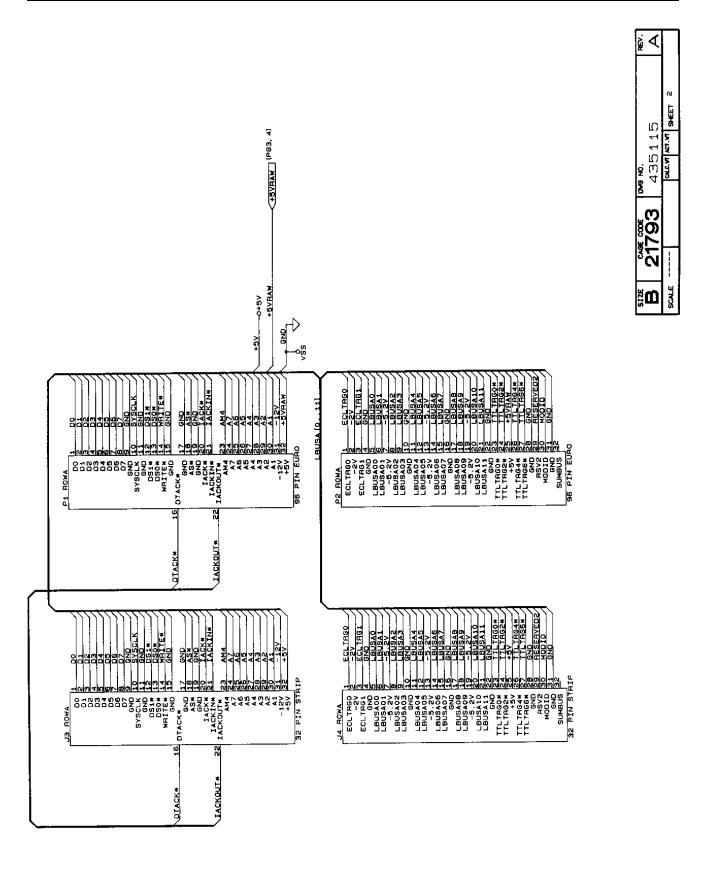


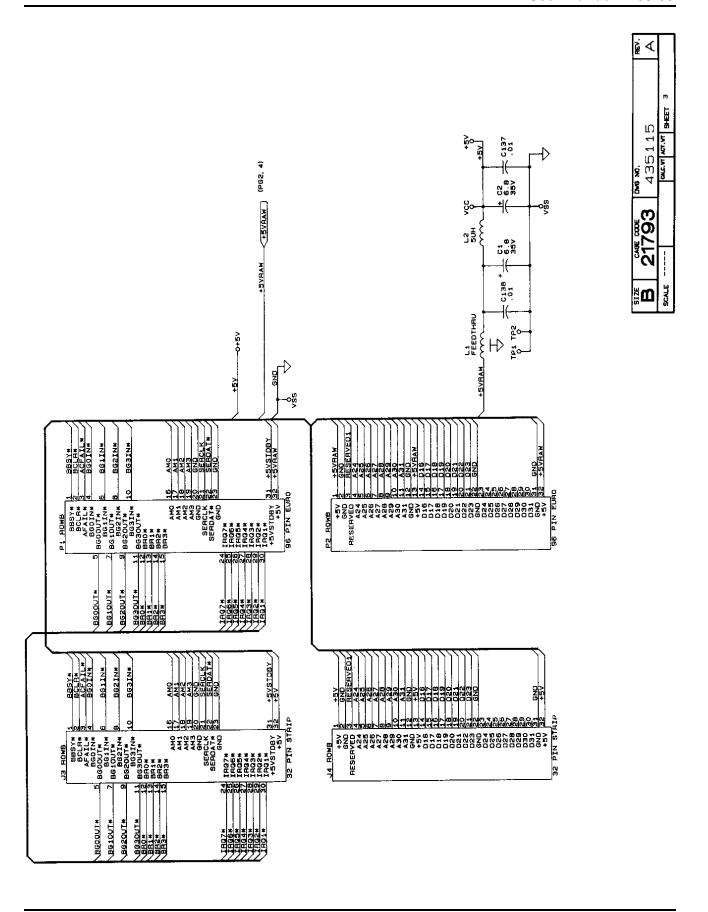
≨ ∢ ≘

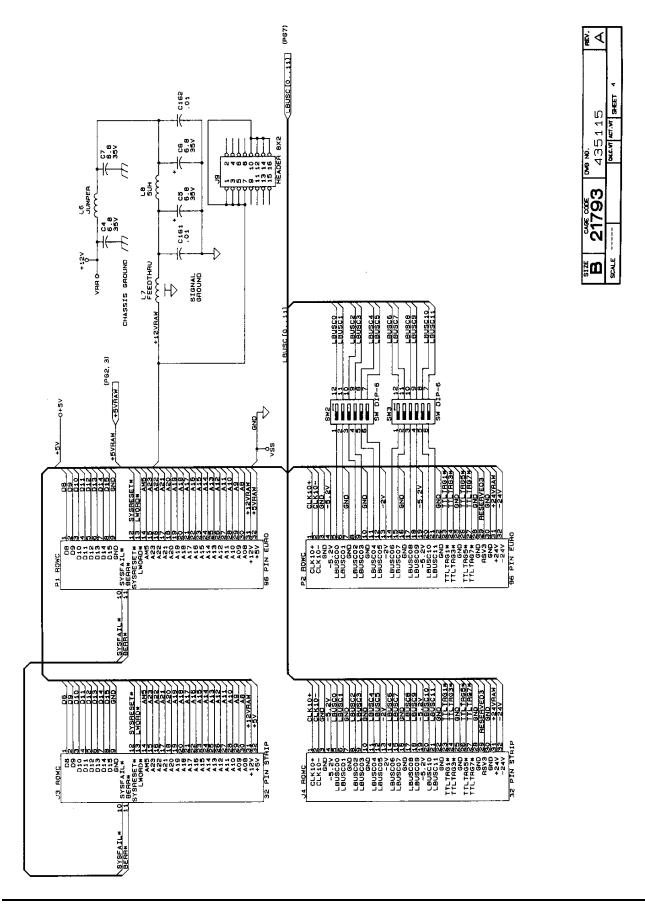
						13.78 Z1.70 LM88D									
					218	. 648	TP2	e ws	ด	a,	111		C162	HIGHEST	AEF. DES.
12	0	60	10	14	0	0		10	60	on	10	7	GND	PIN NO.	
m	16	16	S	28	16	16	16	20	16	Š	20	14	√2+	PIN NO.	TONS
LM339	74HCT85	74LS13B	231153 (15H4)	231154 (22V10H)	26LS31	261532	74HCT283	231152-001 (16L8G)	74HCT166	2803	74HCT273	74HCT164	IC	TYPE	IC POWER AND GROUND CONNECTIONS
U48	047	U45	U44	043	U42	U40, 41	es, 'cen	960	U4, 8, 12, 16, 20, 24, 35	U3, 7, 11, 15, 19, 23	U2, 5, 10, 14, 18, 22	U1, 5, 9, 13, 17, 21, 33, 34	AEF.	DES.	IC POWE

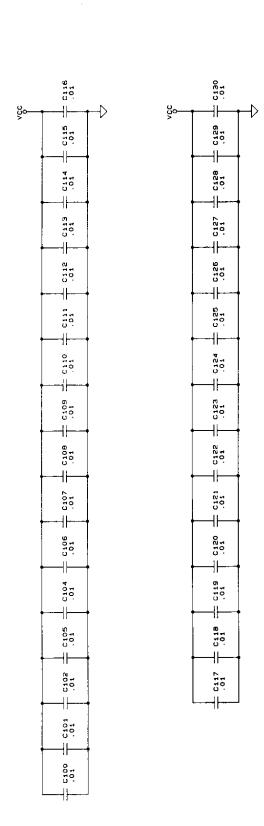
1048 NO. 435115 | OUC.VT NOT.VT SHE SCHEM., 1280-68 RELAY DRIVE 21793 M K

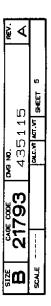
1. CAPACITOR VALUES ARE IN MICHOFARADS, 50V, +/-20% UNLESS OTHERWISE SPECIFIED.
2. RESISTOR NETWORKS ARE IN DHMS.

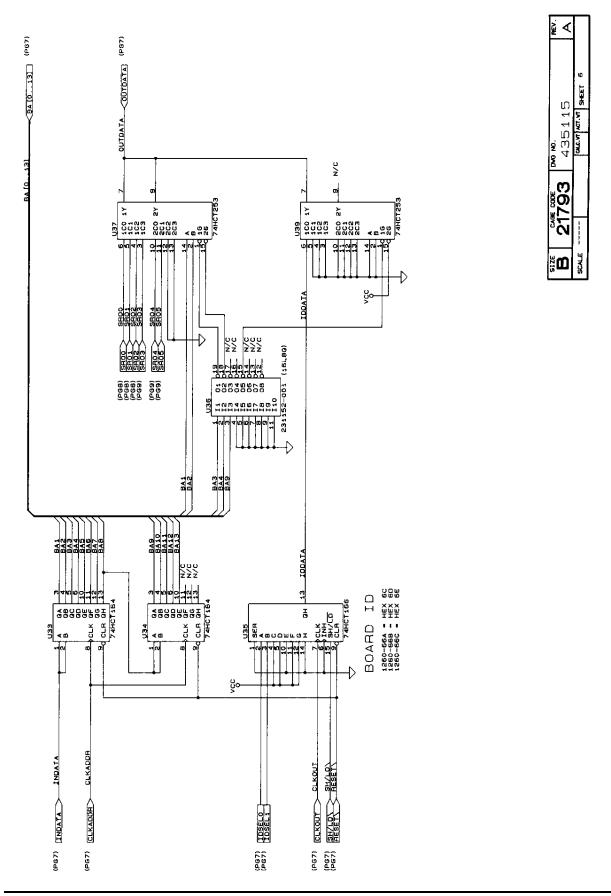


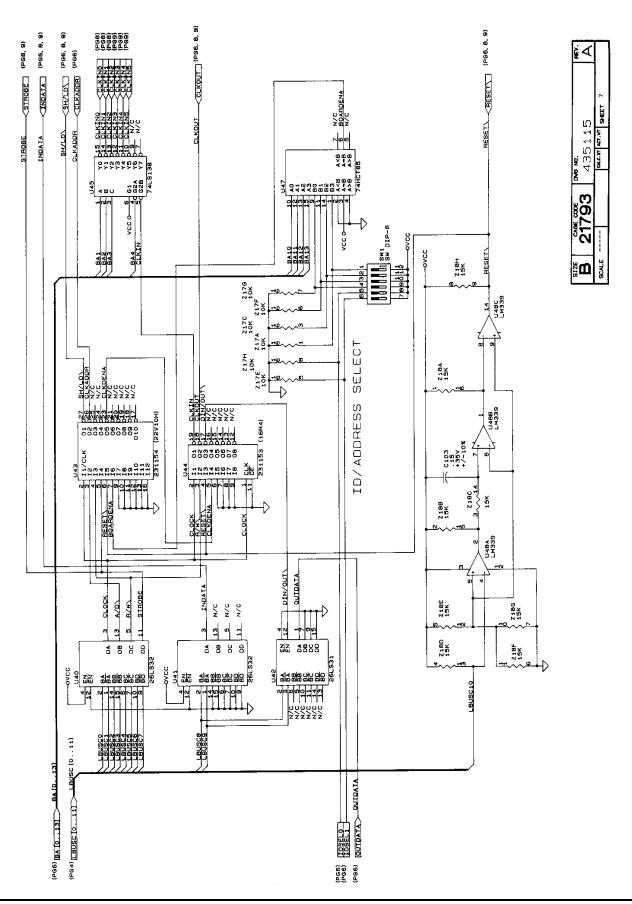


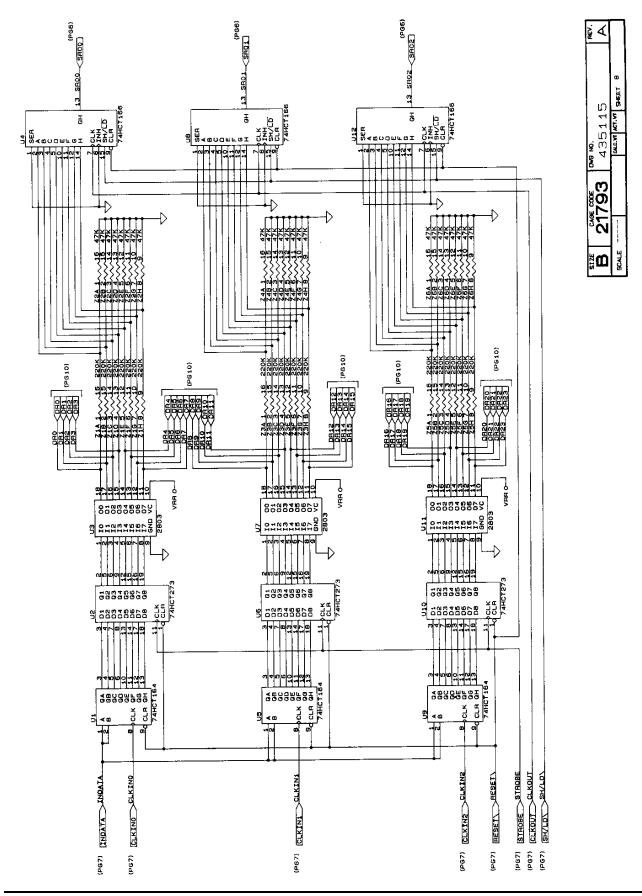


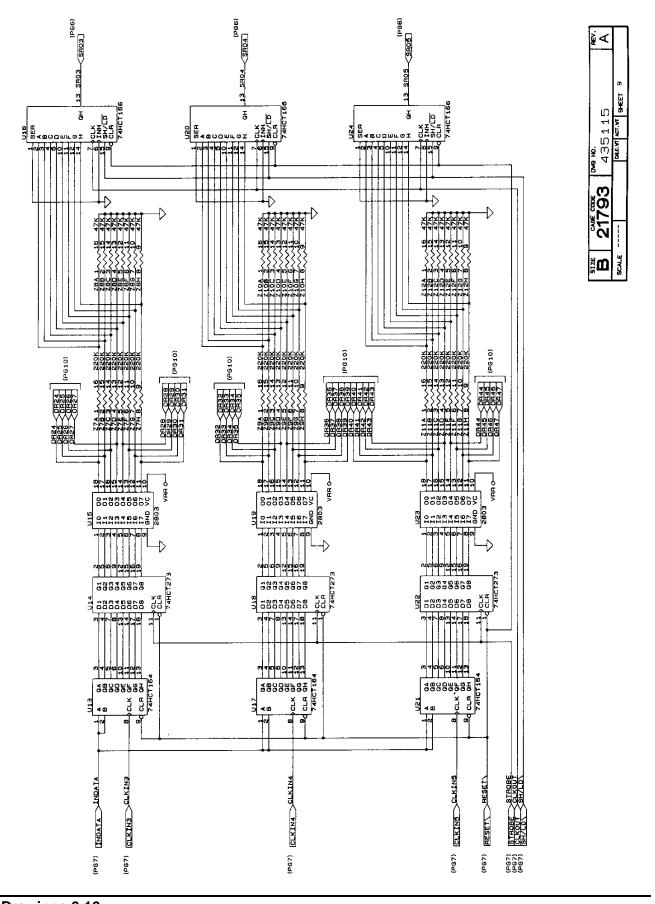


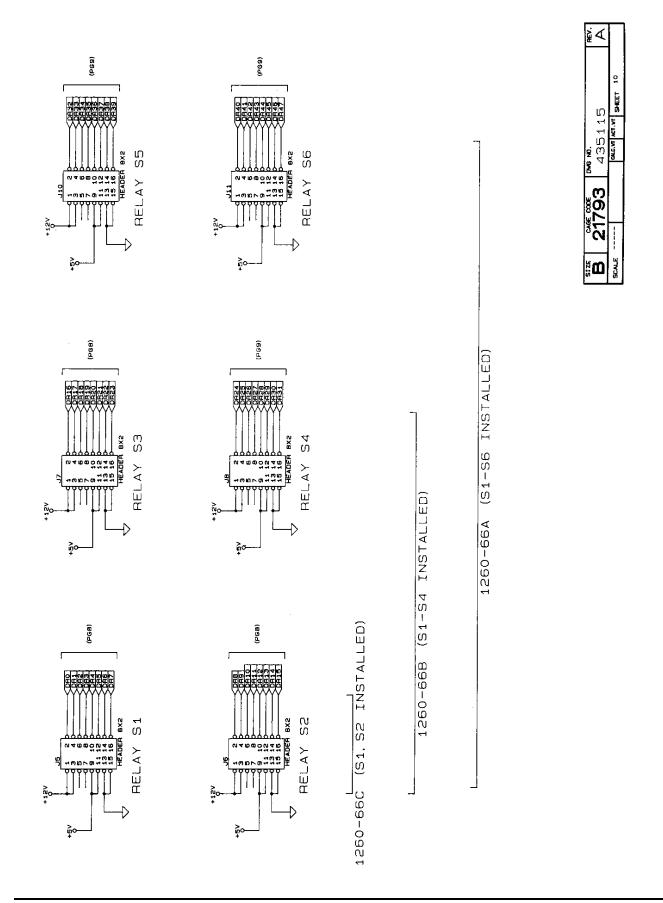


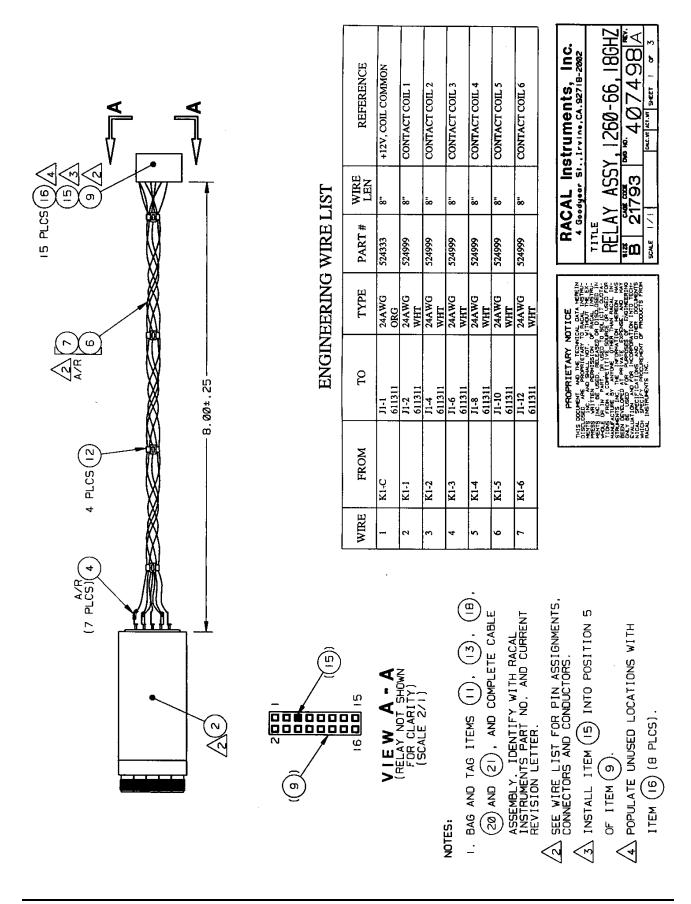












Chapter 7 PARTS LIST

407499-001	Final Assembly, 1260-66A	7-3
407499-002	Final Assembly, 1260-66B	
407499-003	Final Assembly, 1260-66C	
407511	Ship Kit, 1260-66	
405055	PCB Assembly, L-BUS Bypass	
405115	PCB Assembly, 1260-66 Relay Driver	
407498	Relay Assy, 1260-66, 18GHz	
	List of Suppliers	7-10

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407499-001 - FINAL ASSY, 1260-66A

REF DESIG	iRACAL INST P/N	DESCRIPTION	l I FSC	 MANUFACTURER'S P/N
{1}1	405055	PCB ASSY., L-BUS BYPASS	21793	405055
1{2}1	405115	PCB ASSY, 1260-66 RELAY DRIVER	21793	405115
1 { 4 } 6	1407498	RELAY ASSY, 1260-66, 18GHZ SHIPPING KIT, 1260-66 PANEL, REAR, DOUBLE PANEL, SIDE, LEFT, 1260-66	121793	1407498
1{6}1	407511	SHIPPING KIT, 1260-66	121793	407511
1{9}1	455777-001	PANEL, REAR, DOUBLE	121793	455777-001
 {10}1	1455779-006	PANEL, SIDE, LEFT, 1260-66	121793	1455779-006
{12}1	455818-002	PANEL, TOP, 1260-66 PANEL, BOTTOM, 1260-66 PANEL, RIGHT SIDE PANEL ASSY, FRONT, 1260-66	121793	455818-002
1{13}1	1455819-003	IPANEL, BOTTOM, 1260-66	121793	455819-003
{15}1	1455901	IPANEL, RIGHT SIDE	121793	455901
{18}1	1456516	PANEL ASSY, FRONT, 1260-66	121793	456516
{21}2	1611264	HANDLE, EXTRACTOR, BOTTOM HANDLE, EXTRACTOR, TOP MOUNTING HARDWARE, HANDLE ISCREW, PFH, 4-40 X .312 ISCREW, PFH, 4-40 X .312	162559	20817-327
1 {22}2	611265	HANDLE, EXTRACTOR, TOP	162559	20817-328
1{23}1	1611266	MOUNTING HARDWARE, HANDLE	162559	21100-745
1{26}2	615292	SCREW, PFH, 4-40 X .312	I	1-
1{27}30	615539	SCREW, PFH, 4-40X. 125	 -	1-
1 { 2 0 } 2	010042	SCREW, PrH, 4-40 A .312	į –	-
1{30}2	616251	ISCREW, PPH, SEMS ASSY, 4-40X.250	78189	SEMS W/SQ CONE WA.
		SCREW, PFH, M2.5 X 12	-	I I
{33}8	616480	SCREW, PFH, 4-40 X .375	-	1-
1{36}2	617168	WASHER, NON-METALLIC, FLAT,#4	186928	5610-55-1000
1{39}A/R	1920962	LOCTITE, 242, MED STR.	105972	1272
{41}1	1921059	LABEL, CAUTION, STATIC	21793	1921059
1 { 42 } 2	1921148-001	LABEL SET VXI	121793	921148-001
{43}1	1921309	LABEL, VXI SWITCH ID	121793	1921309
{ 44 } 1	1921423	WASHER, NON-METALLIC, FLAT,#4 LOCTITE, 242, MED STR. LABEL, CAUTION, STATIC LABEL SET VXI LABEL, VXI SWITCH ID LABEL, CE-96	121793	1921423

407499-002 - FINAL ASSY, 1260-66B

	RACAL INST		ı	1
DESIG	P/N	DESCRIPTION	1 FSC	MANUFACTURER'S P/N
1{1}1	1405055	IPCB ASSY., L-BUS BYPASS	21793	1405055
{2}1	405115	PCB ASSY, 1260-66 RELAY DRIVER	121793	1405115
{4}4	1407498	PCB ASSY, 1260-66 RELAY DRIVER RELAY ASSY, 1260-66, 18GHZ ISHIPPING KIT, 1260-66 PANEL, REAR, DOUBLE PANEL, SIDE, LEFT, 1260-66 PANEL, TOP, 1260-66 PANEL, BOTTOM, 1260-66 PANEL, RIGHT SIDE PLATE, COVER, 1260-66 PANEL ASSY, FRONT, 1260-66 WASHER, INSULATING, .25X.12X.02 WASHER, SHOULDER, NYLON, #4	21793	1407498
{6}1	407511	SHIPPING KIT, 1260-66	21793	407511
{9}1	455777-001	PANEL, REAR, DOUBLE	121793	455777-001
{10}1	1455779-006	PANEL, SIDE, LEFT, 1260-66	21793	455779-006
{12}1	1455818-002	PANEL, TOP, 1260-66	21793	455818-002
{13}1	455819-003	PANEL, BOTTOM, 1260-66	121793	455819-003
{15}1	455901	PANEL, RIGHT SIDE	21793	455901
{17}2	456515	PLATE, COVER, 1260-66	121793	1456515
{18}1	1456516	PANEL ASSY, FRONT, 1260-66	21793	456516
[{19}8	610264	WASHER, INSULATING, .25X.12X.02	21793	610264
	1610896	WASHER, SHOULDER, NYLON, #4	86928	5607-49
I {21 }2	611264 611265	HANDLE, EXTRACTOR, BOTTOM HANDLE, EXTRACTOR, TOP MOUNTING HARDWARE, HANDLE	162559	120817-327
1{22}2	611265	HANDLE, EXTRACTOR, TOP	162559	120817-328
	611266	MOUNTING HARDWARE, HANDLE	162559	121100-745
1 {24}8	611430	ICCDEW DDH 4-40Y 375 CC BLK OXTDE	l	1 -
1 {26}2	1615292	SCREW, PFH, 4-40 X .312,82 DEGREE CSK SCREW, PFH, 4-40X .125	!	 -
1{27}30	1615539	SCREW, PFH, 4-40X .125	1 -	1-
[{28}2	1615542	SCREW, PFH, 4-40 X .312, 100 DEGREE CSK	l –	 -
1{30}2	1616251		78189	ISEMS W/SQ CONE WA.
1{32}4	1616405	ISCREW. PFH. M2.5 X 12		-
		SCREW, PFH, 4-40 X .375 WASHER, NON-METALLIC, FLAT,#4	I -	1-
	617168	WASHER, NON-METALLIC, FLAT,#4	186928	5610-55-1000
1{39}A/R	1920962	LOCTITE, 242, MED STR.	105972	1272
1{41}1	1921059	LABEL, CAUTION, STATIC	121793	1921059
[{42}2	921148-001	LABEL SET VXI	121793	1921148-001
{43}1	1921309	LABEL, VXI SWITCH ID	121793	1921309
{44}1	1921423	LOCTITE, 242, MED STR. LABEL, CAUTION, STATIC LABEL SET VXI LABEL, VXI SWITCH ID LABEL, CE-96	121793	1921423
1				

407499-003 - FINAL ASSY, 1260-66C

REF	RACAL INST		1	1
DESIG	P/N	DESCRIPTION	FSC	MANUFACTURER'S P/N
1111	1405055	LDCR ASSV IBUS RYPASS	121793	1405055
{2}1	405115	PCB ASSY, 1260-66 RELAY DRIVER	121793	1405115
1412	1407498	IPFT.AV ASSV. 1260~66. 18GHZ	121/93	140/498
{6}1	407511	ISHIPPING KIT, 1260-66 IPANEL, REAR, DOUBLE IPANEL, SIDE, LEFT, 1260-66	21793	1407511
{9}1	1455777-001	PANEL, REAR, DOUBLE	21793	1455777-001
{10}1	1455779-006	PANEL, SIDE, LEFT, 1260-66	21793	1455779-006
{12}1	1455818-002	PANEL, TOP, 1260-66 .	121793	455818-002
{13}1	1455819-003	PANEL, BOTTOM, 1260-66	121793	455819-003
{15}1	1455901	PANEL, SIDE, LEFT, 1260-66 PANEL, TOP, 1260-66 PANEL, BOTTOM, 1260-66 PANEL, RIGHT SIDE PLATE, COVER, 1260-66 PANEL ASSY, FRONT, 1260-66 WASHER, INSULATING, .25X.12X.02 WASHER, SHOULDER, NYLON, #4	121793	455901
11714	1456515	PLATE, COVER, 1260-66	21793	1456515
(18)1	1456516	IPANEL ASSY, FRONT, 1260-66	21793	1456516
(19)16	1610264	IWASHER, INSULATING, .25X.12X.02	121793	610264
{20}16	1610896	WASHER, SHOULDER, NYLON, #4	186928	15607-49
(20)10	1611264	HANDLE, EXTRACTOR, BOTTOM	162559	20817-327
112212	1611265	HANDLE EXTRACTOR TOP	162559	120817-328
1 (22)2	1611266	MOUNTING HARDWARE, HANDLE	162559	21100-745
1 (23) 1	1611/30	SCREW, PPH,4-40X.375, SS, BLK OXIDE	l -	
	1615292		1-	-
120 <i>12</i> 127120	1615539	SCREW, PFH, 4-40X .125	i-	1-
1 127 130	1615542	ISCREW, PFH, 4-40 X .312, 100 DEGREE CSK	i -	1-
	1616251	ISCREW, PPH, SEMS ASSY, 4-40X.250	178189	SEMS W/SQ CONE WA.
	1616405	SCREW, PFH, M2.5 X 12	i-	1-
			ļ - -	1 –
112612	1617160	INACUED NON-METALLIC FLAT.#4	186928	15610-55-1000
1 (30) 2 /D	101/100	LICONTAGE 242 MED CAR	105972	1272
{33}}A/K	1320302	SCREW, PFH, 4-40 X .375 WASHER, NON-METALLIC, FLAT,#4 LOCTITE, 242, MED STR. LABEL, CAUTION, STATIC LABEL SET VXI LABEL, VXI SWITCH ID LABEL, CE-96	121793	1921059
{ 4 1 } 1	1921039	IIADDI COM UVI	121793	1921148-001
1 (42)2	1921148-001	ILYDDI AAI GMIWCH ID	121793	1921309
1 (43)1	1921309	INDEL OF OC	121793	1921423

407511 - SHIPPING KIT, 1260-66

REF DESIG	RACAL INST P/N	 DESCRIPTION	 FSC	MANUFACTURER'S P/N
I{1}2	455541	KEY, LOCKOUT, TTL, C	21793	455541
1{2}2	1455542	KEY, LOCKOUT, TTL, A	121793	455542
I {3}4	1615013	SCREW, PPF, 2-56 X .188	I –	I - I
{4}1	1980673-044	MANUAL, 1260-66	21793	980673-044

405055 - PCB ASSY, L-BUS BYPASS, 1260

REF DESIG	RACAL INST P/N	DESCRIPTION	 FSC	 MANUFACTURER'S P/N	1
P1	1601675-001	CONNECTOR, EUROCARD, 96 PIN MOD.	21793	1601675-001	l I
1 P2	1601675-001	ICONNECTOR, EUROCARD, 96 PIN MOD.	121793	1601675-001	j
P9	1602094-012	CONNECTOR HOUSING, CABLE RECEPT, 12 PIN	122526	165043-031	ŀ
{1}1	1415055	IPCB, L-BUS BYPASS, 1260 (UNLOADED)	121793	1415055	1
{6}A/R	1523333	WIRE, TEFLON STRANDED, 22 GA, ORG	192194	5855/7-ORG	ı
1{7}A/R	1523888	WIRE, TEFLON STRANDED, 22 GA, GRY	192194	5855/7-GRY	i
1{10}4	611311	ITERMINAL, CRIMP	122526	48251-000	i
1{12}1	1610777	CABLE TIE	116956	108-432	ı
{13}2	1610802	FASTENER, CHASSIS SWAGE, 4-40	188245	B1591B-11	1
1					į

405115 - PCB ASSY, 1260-66 RELAY DRIVE

C1	110126 110126 110126 R-21-1801 110165 R-21-1801 R-21-1801 R-21-1801 R-21-1801 R-21-1801 601925 601925 601731 100164 310193	DESCRIPTION CAP, TANTA, 6.8UF, 35V, 20 PERCENT CAP, CHIP, 10 NF CONNECTOR, PCB, RECEPT, 3 ROW, 96P CONNECTOR, PCB, PLUG, 16-PIN CAP, FEED-THRU, 800PF, 50V CHOKE, SHIELDED, 5UH JUMPER, INSULATED CAP, FEED-THRU, 800PF, 50V CHOKE, SHIELDED, 5UH CONNECTOR, EUROCARD, 96 PIN MOD. SWITCH, DIP 6 POS, LOW PROFILE CAP, TEST, .025 SQ POST, .025 SQ POST, .025 SQ POST, .025 SQ POST, .025 SQ	105397 105397 105397 195275 105397 195275 195275 195275 195275 195275 152072 152072	T355F685M035A5 T355F685M035A5 T355F685M035A5 VJ1206Y103MF T355A154K035AS VJ1206Y103MF VJ1206Y103MF VJ1206Y103MF VJ1206Y103MF VJ1206Y103MF VJ1206Y103MF VJ1206Y103MF C18008 C18008
C2	110126 110126 R-21-1801 110165 R-21-1801 R-21-1801 R-21-1801 R-21-1801 R-21-1801 601925 601925 601731 100164 310193	ICAP, TANTA, 6.8UF, 35V, 20 PERCENT ICAP, TANTA, 6.8UF, 35V, 20 PERCENT ICAP, CHIP, 10 NF ICAP, TANTA, .15 MF, 35V, 10PCT ICAP, CHIP, 10 NF ICONNECTOR, PCB, RECEPT, 3 ROW, 96P ICONNECTOR, PCB, RECEPT, 3 ROW, 96P ICONNECTOR, PCB, PLUG, 16-PIN ICAP, FEED-THRU, 800PF, 50V	05397 05397 95275 105397 95275 195275 195275 195275 195275 152072 152072	T355F685M035A5 T355F685M035A5 VJ1206Y103MF T355A154K035AS VJ1206Y103MF VJ1206Y103MF VJ1206Y103MF VJ1206Y103MF VJ1206Y103MF VJ1206Y103MF 618008 618008
C4-C7 C100-C102	110126 R-21-1801 110165 R-21-1801 R-21-1801 R-21-1801 R-21-1801 R-21-1801 601925 601925 601731 100164 310193	ICAP, TANTA, 6.8UF, 35V, 20 PERCENT ICAP, CHIP, 10 NF ICAP, TANTA, .15 MF, 35V, 10PCT ICAP, CHIP, 10 NF ICONNECTOR, PCB, RECEPT, 3 ROW, 96P ICONNECTOR, PCB, RECEPT, 3 ROW, 96P ICONNECTOR, PCB, PLUG, 16-PIN ICAP, FEED-THRU, 800PF, 50V	105397 195275 105397 195275 195275 195275 195275 195275 152072 152072	T355F685M035A5 VJ1206Y103MF T355A154K035AS VJ1206Y103MF VJ1206Y103MF VJ1206Y103MF VJ1206Y103MF VJ1206Y103MF VJ1206Y103MF 618008 618008
C100-C102	R-21-1801 110165 R-21-1801 R-21-1801 R-21-1801 R-21-1801 R-21-1801 601925 601925 601731 100164 310193	ICAP, CHIP, 10 NF ICAP, TANTA, .15 MF, 35V, 10PCT ICAP, CHIP, 10 NF ICONNECTOR, PCB, RECEPT, 3 ROW, 96P ICONNECTOR, PCB, RECEPT, 3 ROW, 96P ICONNECTOR, PCB, PLUG, 16-PIN ICAP, FEED-THRU, 800PF, 50V	95275 105397 95275 95275 95275 95275 95275 152072 152072	VJ1206Y103MF T355A154K035AS VJ1206Y103MF VJ1206Y103MF VJ1206Y103MF VJ1206Y103MF VJ1206Y103MF 618008 618008
C103	110165 R-21-1801 R-21-1801 R-21-1801 R-21-1801 R-21-1801 601925 601925 601731 100164 310193	ICAP, TANTA, .15 MF, 35V, 10PCT ICAP, CHIP, 10 NF ICONNECTOR, PCB, RECEPT, 3 ROW, 96P ICONNECTOR, PCB, RECEPT, 3 ROW, 96P ICONNECTOR, PCB, PLUG, 16-PIN ICAP, FEED-THRU, 800PF, 50V	105397 195275 195275 195275 195275 195275 152072 152072 152072	T355A154K035AS VJ1206Y103MF VJ1206Y103MF VJ1206Y103MF VJ1206Y103MF VJ1206Y103MF 618008 618008
	R-21-1801 R-21-1801 R-21-1801 R-21-1801 R-21-1801 601925 601925 601731 100164 310193	ICAP, CHIP, 10 NF ICONNECTOR, PCB, RECEPT, 3 ROW, 96P ICONNECTOR, PCB, RECEPT, 3 ROW, 96P ICONNECTOR, PCB, PLUG, 16-PIN ICAP, FEED-THRU, 800PF, 50V	95275 95275 95275 95275 95275 152072 152072 152072	VJ1206Y103MF VJ1206Y103MF VJ1206Y103MF VJ1206Y103MF VJ1206Y103MF 618008 618008
C137 C137 C138 C161 C162 J3 J4 J5-J11 L1	R-21-1801 R-21-1801 R-21-1801 R-21-1801 601925 601925 601731 100164 310193	ICAP, CHIP, 10 NF ICONNECTOR, PCB, RECEPT, 3 ROW, 96P ICONNECTOR, PCB, RECEPT, 3 ROW, 96P ICONNECTOR, PCB, PLUG, 16-PIN ICAP, FEED-THRU, 800PF, 50V	195275 195275 195275 195275 195275 152072 152072	VJ1206Y103MF VJ1206Y103MF VJ1206Y103MF VJ1206Y103MF 618008 618008
C137	R-21-1801 R-21-1801 R-21-1801 601925 601925 601731 100164 310193	ICAP, CHIP, 10 NF ICAP, CHIP, 10 NF ICAP, CHIP, 10 NF ICAP, CHIP, 10 NF ICONNECTOR, PCB, RECEPT, 3 ROW, 96P ICONNECTOR, PCB, RECEPT, 3 ROW, 96P ICONNECTOR, PCB, PLUG, 16-PIN ICAP, FEED-THRU, 800PF, 50V	195275 195275 195275 152072 152072 152072	VJ1206Y103MF VJ1206Y103MF VJ1206Y103MF 618008 618008
C138	R-21-1801 R-21-1801 R-21-1801 601925 601925 601731 100164 310193	ICAP, CHIP, 10 NF ICAP, CHIP, 10 NF ICAP, CHIP, 10 NF ICONNECTOR, PCB, RECEPT, 3 ROW, 96P ICONNECTOR, PCB, RECEPT, 3 ROW, 96P ICONNECTOR, PCB, PLUG, 16-PIN ICAP, FEED-THRU, 800PF, 50V	195275 195275 195275 152072 152072	VJ1206Y103MF VJ1206Y103MF 618008 618008
C161	R-21-1801 R-21-1801 601925 601925 601731 100164 310193	CAP, CHIP, 10 NF CAP, CHIP, 10 NF CONNECTOR, PCB, RECEPT, 3 ROW, 96P CONNECTOR, PCB, RECEPT, 3 ROW, 96P CONNECTOR, PCB, PLUG, 16-PIN CAP, FEED-THRU, 800PF, 50V	195275 152072 152072 152072	VJ1206Y103MF 618008 618008
C162 J3 J4 J5-J11 L1	R-21-1801 601925 601925 601731 100164 310193	ICAP, CHIP, 10 NF ICONNECTOR, PCB, RECEPT, 3 ROW, 96P ICONNECTOR, PCB, RECEPT, 3 ROW, 96P ICONNECTOR, PCB, PLUG, 16-PIN ICAP, FEED-THRU, 800PF, 50V	152072 152072 152072	618008 618008 CA-D16-23R-43
J3 J4 J5-J11 L1 L2	601925 601925 601731 100164 310193	CONNECTOR, PCB, RECEPT, 3 ROW, 96P CONNECTOR, PCB, RECEPT, 3 ROW, 96P CONNECTOR, PCB, PLUG, 16-PIN CAP, FEED-THRU, 800PF, 50V	52072 52072	1618008
J4 J5-J11 L1 L2	601925 601731 100164 310193	CONNECTOR, PCB, RECEPT, 3 ROW, 98P CONNECTOR, PCB, PLUG, 16-PIN CAP, FEED-THRU, 800PF, 50V	152072	1CA-D16-23B-43
J5-J11 L1 L2	601731 100164 310193	CONNECTOR, PCB, PLUG, 16-PIN CAP, FEED-THRU, 800PF, 50V	152012	
L1	100164 310193	CAP, FEED-THRU, 800PF, 50V	100770	1047440 3
1L2	310193		100779	842446-2
	600245	ICHOKE, SHIELDED, 5UH	191637	1H-5-5~10
L6	000243	JUMPER, INSULATED	52210	IT-500/-I
L7	100164	ICAP, FEED-THRU, 800PF, 50V	100779	1842448-2
1F8	310193	CHOKE, SHIELDED, 5UH	191637	IH-5-5-10
P1	601675-001	(CONNECTOR, EUROCARD, 96 PIN MOD.	121793	1601675-001
P2	601675-001	CONNECTOR, EUROCARD, 96 PIN MOD.	121793	1601675-001
ISW1 I	601969	SWITCH, DIP 6 POS, LOW PROFILE	165832	K406S
ISW2	601969	SWITCH, DIP 6 POS, LOW PROFILE	165832	K406S
ISM3 I	601969	ISWITCH, DIP 6 POS, LOW PROFILE	165832	K406S
ותיםן ו	601197	IPOST, TEST025 SO	00779	16-87022-6
ו למיתו	601197	IPOST, TEST025 SO	100779	16-87022-6
1112 I	1001137	LIC DIGITAL SHIFT REGISTER	118324	PC74HCT164D
101	1231131	LIC DICITAL PLID PLOD	118324	PC74HC273
102	1231130	ITC, DIGITAL, FELF FLOR	156289	III.N=2803I.W
103	231098	ITO O DIE DARKIEL CERTAL OUR C P	118324	174HCT166D
U4	231120	IC, 8-BIT, PARALLEL/SERIAL OUT S.R.	110324	IDC7/IDCT16/ID
105	231131	IIC, DIGITAL, SHIFT REGISTER	110324	IDC7/HC1104D
1U6 I	231130	IC, DIGITAL, FLIP FLOP	110324	1111 M_20021 W
ו 7טן	231098	IC, SOIC TRANSISTOR	120203	1741001 66D
[U8	1231120	IC, 8-BIT, PARALLEL/SERIAL OUT S.R.	110324	1 / 4 NCT 1 0 0 D
1U9	231131	IC, DIGITAL, SHIFT REGISTER	118324	PC / 4HCT 164D
U10	231130	IC, DIGITAL, FLIP FLOP	118324	1PC/4HC2/3
U11	231098	IC, SOIC TRANSISTOR	156289	ULN-2803LW
U12	1231120	IC, 8-BIT, PARALLEL/SERIAL OUT S.R.	118324	74HCT166D
IU13	231131	IC, DIGITAL, SHIFT REGISTER	118324	PC74HCT164D
IU14	1231130	IIC, DIGITAL, FLIP FLOP	118324	PC74HC273
1015	1231098	IIC. SOIC TRANSISTOR	156289	ULN-2803LW
11116	1231120	IIC. 8-BIT, PARALLEL/SERIAL OUT S.R.	18324	74HCT166D
11117	1231131	IIC. DIGITAL, SHIFT REGISTER	18324	PC74HCT164D
11118	1231130	IIC. DIGITAL, FLIP FLOP	18324	PC74HC273
11110	1221100	LIC SOIC TRANSISTOR	156289	(ULN-2803LW
1012	1231130	IC, 8-BIT, PARALLEL/SERIAL OUT S.R.	118324	74HCT166D
U20	1231120	IC, B-BIT, PARADDED/SERTAD COT S.R.	118324	PC74HCT164D
U21	231131	ITO DIGITAL, BRITE REGISTER	118324	PC74HC273
1022	1231130	ic, bidiim, illi tee	156289	
•	231098	IC, SOIC TRANSISTOR		
	1231120	IIC, 8-BIT, PARALLEL/SERIAL OUT S.R.	118324	
	231131	IC, DIGITAL, SHIFT REGISTER		PC74HCT164D
U34	1231131	IC, DIGITAL, SHIFT REGISTER	18324	
1035	1231120	IC, 8-BIT, PARALLEL/SERIAL OUT S.R.	18324	
1036	1231152-001	IC, DIGITAL 16L8, PAL	121793	
	1231147	IIC, MULTIPLEXER	104713	
	1231147	IIC, MULTIPLEXER	04713	
	1231096	IC, QUAD DIFF RECEIVER	01295	AM26LS32ACD
	1231096	IC. OUAD DIFF RECEIVER	101295	AM26LS32ACD
	1231125	IC, DIGITAL, LINE DRIVER	127014	DS26LS31MN
	1231123	IIC, PROGRAMMED PLA		1231154

405115 - PCB ASSY, 1260-66 RELAY DRIVE

REF	RACAL INST	1	1	
DESIG	P/N	DESCRIPTION	FSC	MANUFACTURER'S P/N
		(TA DRAGRAMEN TO)		
1044	1231153	IIC, PROGRAMMED PLA	121793	, ,
1045	1231094	IC, DEMUX DECODER	118324	IN74LS138D
U48	1231093	IIC, QUAD COMPARATOR	104713	LM339D
Z1	1080119	IRES NETWORK, 220K	91637	SOMC-1603-224K
122	1080117	IRES NETWORK, 16P8R, 47K	173138	628-AL-473J
124	1080117	IRES NETWORK, 16P8R, 47K	173138	628-AL-473J
1 Z 5	080119	IRES NETWORK, 220K	191637	SOMC-1603-224K
126	1080117	RES NETWORK, 16P8R, 47K	73138	628-AL-473J
1 Z 7	1080119	IRES NETWORK, 220K	191637	ISOMC-1603-224K
Z8	1080117	RES NETWORK, 16P8R, 47K	173138	1628-AL-473J
129	1080119	IIC, PROGRAMMED PLA IIC, DEMUX DECODER IIC, QUAD COMPARATOR IRES NETWORK, 220K IRES NETWORK, 16P8R, 47K IRES NETWORK, 16P8R, 47K IRES NETWORK, 220K IRES NETWORK, 16P8R, 47K IRES NETWORK, 16P8R, 47K IRES NETWORK, 220K IRES NETWORK, 220K IRES NETWORK, 16P8R, 47K IRES NETWORK, 16P8R, 47K IRES NETWORK, 220K	191637	SOMC-1603-224K
	1080117		73138	628-AL-473J
Z11	1080119	IRES NETWORK, 220K	191637	ISOMC-1603-224K
Z12	1080117	RES NETWORK, 16P8R, 47K	173138	1628-AL-473J
[Z17	1080120	RES NETWORK, 10K	111236	767-161R10K
Z1 8	1080114	RES NETWORK, 16P8R, 15K RES NETWORK, 220K PCB ASSY., LBUS JUMPER	173138	1628-AL-153J
1Z23	1080119	IRES NETWORK, 220K	191637	ISOMC-1603-224K I
1{43}1	1401951	IPCB ASSY., LBUS JUMPER	121793	1401951
1 { 44 } 1	401951-003	IPCB ASSY., P3 JUMPER	121793	1401951-003
	415115	IPCB, 1260-66 RELAY DRIVE (UNLOADED)	121793	1415115
1 {53}2	611260		151506	I51075HB105-1.138L
1 {55}2	611367	STANDOFF, ROUND SWAGE, M3X0.5X4.3		121003B-B-0350-28(L4.3)
			146384	IKF2-440
1{76}A/R	1920450		01139	RTV-108

407498 - RELAY ASSY, 1260-66, 18GHZ

REF	RACAL INST P/N	 DESCRIPTION	 FSC	 MANUFACTURER'S P/N
K1	310259	RELAY, ELECTRO MECH., SP6T, 12V	12598	SR-6MIN-H
{4}A/R	1500009	TUBING, SHRINK,. 12 ID, BLK	129005	RNF-100-1-1/8
{6}A/R	1524333	WIRE, TEFLON STRANDED, 24 GA, ORG	[-	1-
{7}A/R	1524999	WIRE, TEFLON STRANDED, 24 GA, WHT	1 -	-
{9}1	1602094-016	CONNECTOR HOUSING, CABLE, 16 CONTACTS	122526	165043-029
{11}4	610264	WASHER, INSULATING, .25X.12X.02	121793	1610264
{12}4	610777	CABLE TIE	116956	108-432
{13}4	1610896	WASHER, SHOULDER, NYLON #4	186928	15607-49
{15}1	1602094-900	POLARIZATION PLUG	122526	165307-001
{16}15	611311	TERMINAL, CRIMP	122526	48251-000
{18}4	611421	SCREW, PPH, 4-40X.625, SS, BLACK OXIDE	l -	I -
1{20}4	1617016	NUT, HEX, 4-40	[-	1-
[{21}4	1617127	WASHER, LOCK, #4, LIGHT SERIES	l -	-

List of Suppliers

FSC	SUPPLIER		FSC	SUPPLIER	
1	AMP, INC. HARRISBURG, PA			SCHROFF, INC. WARWICK, RI	ļ
	GENERAL ELECTRIC CO. (SILICONE PRODUCTS) WATERFORD, NY	ĺ	i .	AMERICAN RESEARCH & ENGINEERING ELGIN, IL	
01295	TEXAS INSTRUMENTS, INC.	1	İ	FULLERTON, CA	
	DALLAS, TX MOTOROLA, INC. (SEMICONDUCTOR PRODUCTS DIV.) PHOENIX, AZ	 	78189 	(SHAKEPROOF DIV. ELGIN, IL	1
	UNION CARBIDE CORP.	- 1	1	SEASTROM MFG. CO. GRENDALE, CA	
	(MATERIALS SYSTEMS DIV.) CLEVELAND, OH	1	882 4 5 		
	LOCTITE CORP. HARTFORD, CT	i 	91637 	IDALE ELECTORNICS. INC	
i 	AMATOM ELECTRONIC HARDWARE NEW ROCHELLE, NY		92194 	ALPHA WIRE ELIZABETH, NJ	
1		i	1 95275	VITRAMON, INC. BRIDGEPORT, CT	
1	RLC ELECTRONICS, INC.	 			
ĺ	DENNISON MFG. CO. FRAMINGTON, MA	 			
	SIGNETICS, INC. SUNNYVALE, CA	 			
	RACAL INSTRUMENTS INC.	 			
1	DUPONT CONNECTOR CO.	 			
27014 	NATIONAL SEMI-CONDUCTOR CORP. SANTA CLARA, CA	 			
F	STORM PRODUCTS CO. LOS ANGELES, CA	1 			
1 46384 I	PENN ENG. & MFG. CORP DOYLESTOWN, PA	 			
51506 	ACCURATE SCREW MACHINE NUTLEY, NJ	1			
i	CIRCUIT ASSY. CORP. COSTA MESA, CA	1			
	GETTING ENGRG. & MFG. CO. SPRING MILLS, PA				
56289 	SPAGUE ELECTRIC CO. N. ADAMS, MA	1			

Chapter 8

OPTIONAL HARNESS ASSEMBLIES

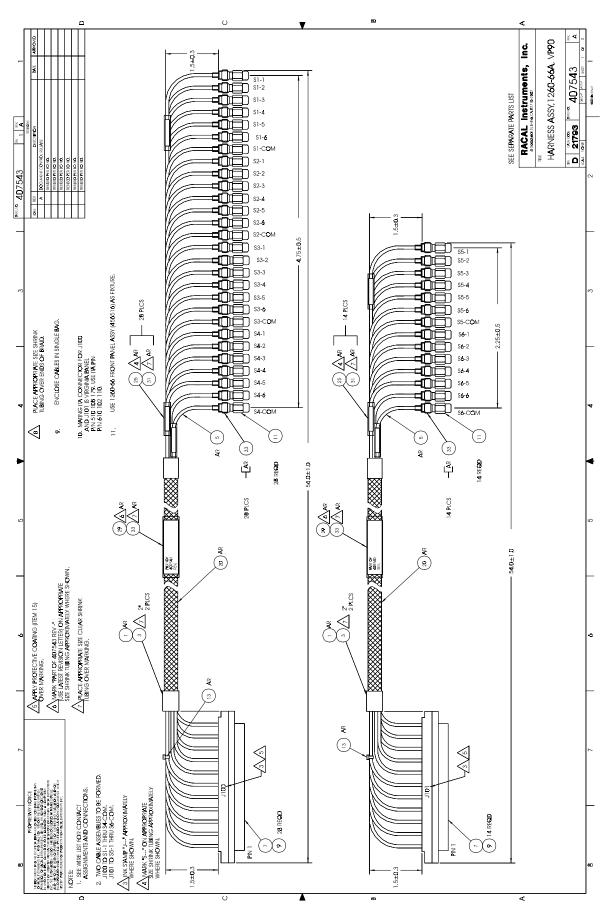
The following harness assemblies are used to connect Racal Instruments Model 1260-64 to Freedom Series Test Receiver Interfaces.

Each harness documentation consists of an assembly drawing, parts list, system wire list, and wire list.

8-3	A, VP90	Harness Assy, 1260-66A,	407543
8-9	3, VP90	Harness Assy, 1260-66B,	407543-001
8-14	C, VP90	Harness Assy, 1260-66C,	407543-002

For more information on Racal Instruments complete line of Test Receiver Interface solutions, contact your Sales Representative.

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Optional Harness Assemblies 8-3

RACAL INSTRUMENTS INC.

Assembly 407543 HARNESS Assy, 1260-66A, VP90 Rev Date 3/03/99 Revision A

#	Component	Description	U/M	Qty Reqd	Ref
1	500005	TIE CORD NYLON	FT	.00001	
3	500017	TBGSRK-POF. 500 ID-BLACK	FT	.00001	
5	500317	CACX-SHD-01C2 8G-1STR	FT	.00001	
7	602201-010	CON-RCV-PLGO32CD-VP9O	EA	2.00000	J100, 101
9	602201-908	CONTACT,COAX, 20GHZ, 5F142,VP	EA	42.00000	W/J100, 101
11	602231	CON-CXL-PLGOO1C.	EA	42.00000	S1-6
13	610777	TIE-CA-LKG062 750	EA	.00001	
15	910541	POLYURETHANE CONFORMAL COAT	EA	.00001	
20	GRP-110-1/2	TBGWOV-POY. 2501D-BLACK	FT	.00001	
25	M23053/5-104-4	TBGSRK-POF. 131D-YELLOW	FT	.00001	
29	M23053/5-109-4	TBGSRK- POF .7501 D-YELLOW	FT	.00001	
31	M23053/5-204-C	TBGSRK-POF. 1251D-CLEAR	FT	.00001	
33	M23053/5-209-C	TBGSRK-POF. 750 ID-CLEAR	FT	.00001	

WIRE	FROM	ТО	TYPE	PART	WIRE LEN	REFERENCE
	BLK AA	Uxx-SLOT yy	CABLE	407543		SYSTEM WIRE LIST
	(J100)	(S1-S4)				
	BLK AA	Uxx-SLOT yy	CABLE	407543		
	(J101)	(S5,S6)				

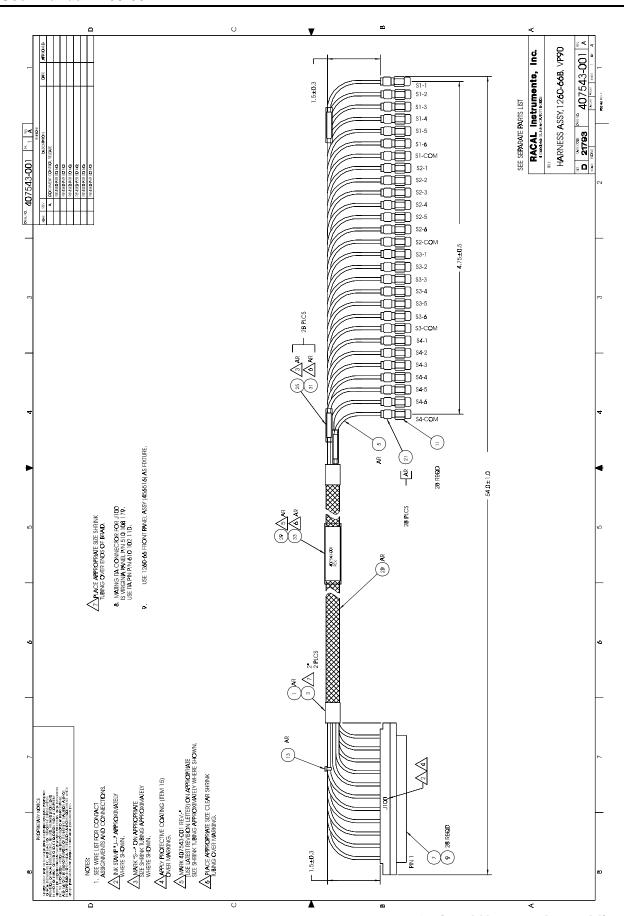
This system wirelist serves as a template for incorporating this harness assembly into the overall system wirelist. It does not in any way affect the fabrication of this harness assembly.

RACAL Instruments, Inc., 4 Goodyear St., Irvine, CA 92718						
DOCUMENT TITLE	SIZE	CODE NO.	IO. DOCUMENT NO. REV			
HARNESS ASSEMBLY, 1260-66A, VP90	Α	21793	407543		Α	
	DRN SHEET 2 of 5					

9 J100-5 60220 10 J100-1 60220 11 J100-1 60220 12 J100-1 60220 13 J100-1 60220 14 J100-1 60220 15 J100-1 60220 16 J100-1 60220 17 J100-1 60220 18 J100-1 60220 20 J100-2 60220 21 J100-2 60220 22 J100-2 60220 23 J100-2	1-908 2 1-908 3 1-908 4 1-908 5 1-908 6 1-908 7	S1-1 (602231) S1-2 (602231) S1-3 (602231) S1-4 (602231) S1-5 (602231) S1-6 (602231) S1-COM	COAX COAX COAX COAX COAX	500317 500317 500317 500317 500317	54" 54" 54" 54"	S1-1 S1-2 S1-3 S1-4	
2 J100-2 60220 3 J100-3 60220 4 J100-4 60220 5 J100-5 60220 7 J100-7 60220 8 J100-8 NO CC 9 J100-1 60220 11 J100-1 60220 11 J100-1 60220 12 J100-1 60220 13 J100-1 60220 14 J100-1 60220 15 J100-1 60220 16 J100-1 60220 17 J100-1 60220 18 J100-1 60220 19 J100-1 60220 20 J100-2 60220 21 J100-2 60220 22 J100-2 60220 23 J100-2	2 1-908 3 1-908 4 1-908 5 1-908 6 1-908 7 1-908	S1-2 (602231) S1-3 (602231) S1-4 (602231) S1-5 (602231) S1-6 (602231) S1-COM	COAX COAX	500317 500317 500317	54"	S1-3	
3 J100-3 60220 4 J100-4 60220 5 J100-5 60220 6 J100-6 60220 7 J100-7 60220 8 J100-9 60220 10 J100-1 60220 11 J100-1 60220 12 J100-1 60220 13 J100-1 60220 14 J100-1 60220 15 J100-1 60220 16 J100-1 60220 17 J100-1 60220 18 J100-1 60220 19 J100-1 60220 20 J100-2 60220 21 J100-2 60220 22 J100-2 60220 23 J100-2	3 1-908 1 1-908 5 1-908 6 1-908 7 1-908 3 DNNECT	(602231) S1-4 (602231) S1-5 (602231) S1-6 (602231) S1-COM	COAX	500317 500317	54"		
4 J100-4 60220 5 J100-5 60220 6 J100-6 60220 7 J100-7 60220 8 J100-8 NO CC 9 J100-1 60220 11 J100-1 60220 12 J100-1 60220 13 J100-1 60220 14 J100-1 60220 15 J100-1 60220 16 J100-1 60220 17 J100-1 60220 18 J100-1 60220 20 J100-2 60220 21 J100-2 60220 22 J100-2 60220 23 J100-2	1-908 5 1-908 6 1-908 7 1-908 7	S1-4 (602231) S1-5 (602231) S1-6 (602231) S1-COM	COAX	500317		S1-4	
5 J100-5 60220 6 J100-6 60220 7 J100-7 60220 8 J100-8 NO CC 9 J100-1 60220 11 J100-1 60220 12 J100-1 60220 13 J100-1 60220 14 J100-1 60220 15 J100-1 60220 16 J100-1 60220 17 J100-1 60220 18 J100-1 60220 19 J100-1 60220 20 J100-2 60220 21 J100-2 60220 22 J100-2 60220 23 J100-2	5 1-908 5 1-908 7 1-908 B	S1-5 (602231) S1-6 (602231) S1-COM			54"		
60220 7 J100-7 60220 8 J100-8 NO CC 9 J100-1 60220 10 J100-1 60220 11 J100-1 60220 12 J100-1 60220 13 J100-1 60220 14 J100-1 60220 15 J100-1 60220 16 J100-1 60220 17 J100-1 60220 18 J100-1 60220 20 J100-2 60220 21 J100-2 60220 22 J100-2 60220 23 J100-2	1-908 7 1-908 B DNNECT	(602231) S1-COM	COAX			S1-5	
60220 3 J100-8 NO CC 9 J100-9 60220 10 J100-1 60220 11 J100-1 60220 12 J100-1 60220 13 J100-1 60220 14 J100-1 60220 15 J100-1 60220 16 J100-1 60220 17 J100-1 60220 18 J100-1 60220 19 J100-1 60220 20 J100-2 60220 21 J100-2 60220 22 J100-2 60220 23 J100-2	1-908 3 DNNECT		1	500317	54"	S1-6	
NO CC 9 J100-5 60220 10 J100-1 60220 11 J100-1 60220 12 J100-1 60220 13 J100-1 60220 14 J100-1 60220 15 J100-1 60220 16 J100-1 60220 17 J100-1 60220 18 J100-1 60220 20 J100-2 60220 21 J100-2 60220 22 J100-2 60220 23 J100-2	ONNECT	(602231)	COAX	500317	54"	S1-COM	
60220 10 J100-1 60220 11 J100-1 60220 12 J100-1 60220 13 J100-1 60220 14 J100-1 60220 15 J100-1 60220 16 J100-1 60220 17 J100-1 60220 18 J100-1 60220 20 J100-2 60220 21 J100-2 60220 22 J100-2 60220 23 J100-2							
60220 11 J100-1 60220 12 J100-1 60220 13 J100-1 60220 14 J100-1 60220 15 J100-1 60220 16 J100-1 60220 17 J100-1 60220 18 J100-1 60220 20 J100-2 60220 21 J100-2 60220 22 J100-2 60220 23 J100-2		S2-1 (602231)	COAX	500317	54"	S2-1	
60220 12 J100-1 60220 13 J100-1 60220 14 J100-1 60220 15 J100-1 60220 16 J100-1 60220 17 J100-1 60220 18 J100-1 60220 20 J100-2 60220 21 J100-2 60220 22 J100-2 60220 23 J100-2	-	S2-2 (602231)	COAX	500317	54"	S2-2	
60220 13 J100-1 60220 14 J100-1 60220 15 J100-1 60220 16 J100-1 NO CC 17 J100-1 60220 18 J100-1 60220 19 J100-2 60220 21 J100-2 60220 22 J100-2 60220 23 J100-2		S2-3 (602231)	COAX	500317	54"	S2-3	
60220 14 J100-1 60220 15 J100-1 60220 16 J100-1 NO CC 17 J100-1 60220 18 J100-1 60220 20 J100-2 60220 21 J100-2 60220 22 J100-2 60220 23 J100-2		S2-4 (602231)	COAX	500317	54"	S2-4	
60220 15 J100-1 60220 16 J100-1 NO CO 17 J100-1 60220 18 J100-1 60220 19 J100-2 60220 21 J100-2 60220 22 J100-2 60220 23 J100-2	-	S2-5 (602231)	COAX	500317	54"	S2-5	
60220 16 J100-1 NO CC 17 J100-1 60220 18 J100-1 60220 19 J100-2 60220 21 J100-2 60220 22 J100-2 60220 23 J100-2		S2-6 (602231)	COAX	500317	54"	S2-6	
NO CC 17 J100-1 60220 18 J100-1 60220 19 J100-2 60220 21 J100-2 60220 22 J100-2 60220 22 J100-2 60220 23 J100-2		S2-COM (602231)	COAX	500317	54"	S2-COM	
60220 18 J100-1 60220 19 J100-1 60220 20 J100-2 60220 21 J100-2 60220 22 J100-2 60220 23 J100-2	6 DNNECT						
60220 19 J100-1 60220 20 J100-2 60220 21 J100-2 60220 22 J100-2 60220 23 J100-2		S3-1 (602231)	COAX	500317	54"	S3-1	
60220 J100-2 60220 21 J100-2 60220 22 J100-2 60220 23 J100-2	-	S3-2 (602231)	COAX	500317	54"	S3-2	
60220 21 J100-2 60220 22 J100-2 60220 23 J100-2	-	\$3-3 (602231)	COAX	500317	54"	S3-3	
60220 22 J100-2 60220 23 J100-2		S3-4 (602231)	COAX	500317	54"	S3-4	
60220 23 J100-2		S3-5 (602231)	COAX	500317	54"	S3-5	
		S3-6 (602231)	COAX	500317	54"	S3-6	
	1-908	S3-COM (602231)	COAX	500317	54"	S3-COM	
	24 DNNECT						
25 J100-2 60220		S4-1 (602231)	COAX	500317	54"	S4-1	
	ıments, İnd	c., 4 Goodyear St.,	Irvine, CA	A 92718			
DOCUMENT TITLE			SIZE	CODE NO.	DOCUMEN	T NO.	REV
HARNESS ASSEMBLY, 1260-66A, VP90			Α	21793	407543		Α

WIRE	FROM	TO	TYPE	PART	WIRE LEN	REFERENCE	
26	J100-26	S4-2	COAX	500317	54"	S4-2	
	602201-908	(602231)					
27	J100-27	S4-3	COAX	500317	54"	S4-3	
28	602201-908 J100-28	(602231) S4-4	COAX	500317	54"	S4-4	
20	602201-908	(602231)	COAX	300317	54	34-4	
29	J100-29	S4-5	COAX	500317	54"	S4-5	
20	602201-908	(602231)	00/100	000011		0.0	
30	J100-30	S4-6	COAX	500317	54"	S4-6	
	602201-908	(602231)					
31	J100-31	S4-COM	COAX	500317	54"	S4-COM	
	602201-908	(602231)					
32	J100-32						
33	NO CONNECT J101-1	S5-1	COAX	500317	54"	S5-1	
33	602201-908	(602231)	COAX	500317	54	35-1	
34	J101-2	S5-2	COAX	500317	54"	S5-2	
01	602201-908	(602231)	00/00	000017	04	002	
35	J101-3	S5-3	COAX	500317	54"	S5-3	
	602201-908	(602231)					
36	J1014	S5-4	COAX	500317	54"	S5-4	
	602201-908	(602231)					
37	J101-S	S5-5	COAX	500317	54"	S5-5	
20	602201-908	(602231)	COAY	500047	54"	05.0	
38	J101-6 602201-908	S5-6 (602231)	COAX	500317	54"	S5-6	
39	J101-7	S5-COM	COAX	500317	54"	S5-COM	
33	602201-908	(602231)	COAX	300317	34	33-00W	
40	J101-8	(00=01)					
	NO CONNECT						
41	J101-9	S6-1	COAX	500317	54"	S6-1	
	602201-908	(602231)					
42	J101-10	S6-2	COAX	500317	54"	S6-2	
40	602201-908	(602231)	COAY	500047	54"	00.0	
43	J101-11 602201-908	S6-3 (602231)	COAX	500317	54	S6-3	
44	J101-12	S6-4	COAX	500317	54"	S6-4	
77	602201-908	(602231)	OOAX	300317	34	00 4	
45	J101-13	S6-5	COAX	500317	54"	S6-5	
	602201-908	(602231)					
46	J101-14	S6-6	COAX	500317	54"	S6-6	
	602201-908	(602231)					
47	J101-15	S6-COM	COAX	500317	54"	S6-COM	
40	602201-908	(602231)	1				
48	J101-16 NO CONNECT						
49	J101-17						
10	NO CONNECT						
RACA	•	c., 4 Goodyear St.	Irvine C	A 92718	ı		
	ENT TITLE	., - Cocayoai Ot.	SIZE	CODE NO.	DOCUMENT	NO	REV
		4000 CCA \/DCC				INO.	
HAKIN	ESS ASSEMBLY,	1200-00A, VP90	A	21793	407543		A
			DRN			SHEET 4	ot 5

WIRE	FROM	TO	TYPE	PART	WIRE LEN	REFERENCE	
50	3101-18 NO CONNECT						
51	3101-19 NO CONNECT						
52	3101-20 NO CONNECT						
53	3101-21 NO CONNECT						
54	3101-22 NO CONNECT						
55	3101-23 NO CONNECT						
56	3101-24 NO CONNECT						
57	3101-25 NO CONNECT						
58	3101-26 NO CONNECT						
59	3101-27 NO CONNECT						
60	3101-28 NO CONNECT						
61	3101-29 NO CONNECT						
62	3101-30 NO CONNECT						
63	3101-31 NO CONNECT						
64	3101-32 NO CONNECT						
RACA	L Instruments, Inc	., 4 Goodyear St.,	Irvine, CA	92718			
DOCUME	NT TITLE	<u> </u>	SIZE	CODE NO.	DOCUMENT N	Ю.	REV
HARNI	ESS ASSEMBLY, 1	260-66A, VP90	A DRN	21793	407543		Α
						SHEET 5 of 5	



RACAL INSTRUMENTS INC.

Assembly 407543-001 HARNESS Assy, 1260-66B, VP90

Rev Date 2/18/99 Revision A

#	Component	Description	U/M	Oty Reqd	Ref
1	500005	TIE CORD NYLON	FT	.00001	
3	500017	TBGSRK-POF. 500ID-BLACK	FT	.00001	
5	500317	CACX-SHD-01C28G-1STR	FT	.00001	
7	602201-010	CON-RCV-PLG032CD-VP9O	EA	1.00000	J100
9	602201-908	CONTACT, COAX, 20GHZ, SF142,VP	EA	28.00000	w/J100
11	602231	CON-CXL-PLG001C.	EA	28.00000	S1-4
13	610777	TIE-CA-LKG062 750	EA	.00001	
15	910541	POLYURETHANE CONFORMAL COAT	EA	.00001	
20	GRP-110-1/2	TBGWOV-POY. 250ID-BLACK	FT	.00001	
21	M23053/5-207-C	TBGSRK-POF. 375ID-CLEAR	EA	.00001	
25	M23053/5-104-4	TBGSRK-POF. 13ID-YELLOW	FT	.00001	
29	M23053/5-109-4	TBGSRK-POF. 750ID-YELLOW	FT	.00001	
31	M23053/5-204-C	TBGSRK-POF. 125ID-CLEAR	FT	.00001	
33	M23053/5-209-C	TBGSRK-POF. 750ID-CLEAR	FT	.00001	

WIRE	FROM	то	TYPE	PART	WIRE LEN	REFERENCE
		Uxx-SLOT yy (S1-S4)	_	407543- 001		SYSTEM WIRE LIST

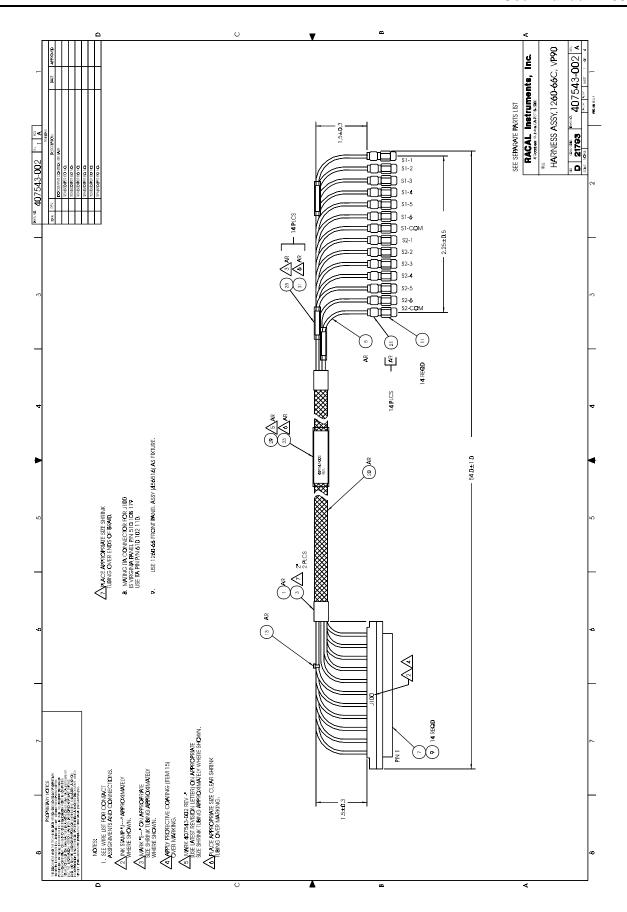
This system wirelist serves as a template for incorporating this harness assembly into the overall system wirelist. It does not in any way affect the fabrication of this harness assembly.

RACAL Instruments, Inc., 4 Goodyear St., Irvine, CA 92718							
DOCUMENT TITLE	SIZE	CODE NO.	DOCUMENT NO.		REV		
HARNESS ASSEMBLY, 1260-66B, VP90	Α	21793	407543-001		Α		
	DRN			SHEET 2 of 4			

WIRE	FROM	ТО	TYPE	PART	WIRE LEN	REFERENCE	
1	J100-1 602201-908	S1-1 (602231)	COAX	500317	54"	S1-1	
2	J100-2 602201-908	S1-2 (602231)	COAX	500317	54"	S1-2	
3	J100-3 602201-908	S1-3 (602231)	COAX	500317	54"	S1-3	
4	J100-4 602201-908	\$1-4 (602231)	COAX	500317	54"	S1-4	
5	J100-5 602201-908	\$1-5 (602231)	COAX	500317	54"	S1-5	
6	J100-6 602201-908	S1-6 (602231)	COAX	500317	54"	S1-6	
7	J100-7 602201-908	S1-COM (602231)	COAX	500317	54"	S1-COM	
8	J100-8 NO CONNECT						
9	J100-9 602201-908	S2-1 (602231)	COAX	500317	54"	S2-1	
10	J100-10 602201-908	S2-2 (602231)	COAX	500317	54"	S2-2	
11	J100-11 602201-908	S2-3 (602231)	COAX	500317	54"	S2-3	
12	J100-12 602201-908	S2-4 (602231)	COAX	500317	54"	S24	
13	J100-13 602201-908	S2-5 (602231)	COAX	500317	54"	S2-S	
14	J100-14 602201-908	S2-6 (602231)	COAX	500317	54"	S2-6	
15	J100-15 602201-908	S2-COM (602231)	COAX	500317	54"	S2-COM	
16	J100-16 NO CONNECT						
17	J100-17 602201-908	S3-1 (602231)	COAX	500317	54"	S3-1	
18	J100-18 602201-908	S3-2 (602231)	COAX	500317	54"	S3-2	
19	J100-19 602201-908	S3-3 (602231)	COAX	500317	54"	S3-3	
20	J100-20 602201-908	\$3-4 (602231)	COAX	500317	54"	S3-4	
21	J100-21 602201-908	S3-5 (602231)	COAX	500317	54"	S3-5	
22	J100-22 602201-908	S3-6 (602231)	COAX	500317	54"	S3-6	
23	J100-23 602201-908	S3-COM (602231)	COAX	500317	54"	S3-COM	
24	J100-24 NO CONNECT						
25	J100-25 602201-908	S4-1 (602231)	COAX	500317	54"	S4-1	
RACA	•	nc., 4 Goodyear St.	, Irvine, C	A 92718		•	
DOCUMENT TITLE				CODE NO.	DOCUMEN	NT NO.	REV
HARNESS ASSEMBLY, 1260-66B, VP90			Α	21793	407543-	001	Α
		•	DRN	•	•	SHEET 3 o	f 4

WIRE	FROM	ТО	TYPE	PART#	WIRE LEN	REFERENCE
26	J100-26 602201-908	S4-2 (602231)	COAX	500317	54"	S4-2
27	J100-27 602201-908	S4-3 (602231)	COAX	500317	54"	S4-3
28	J100-28 602201-908	S4-4 (602231)	COAX	500317	54"	S4-4
29	J100-29 602201-908	S4-5 (602231)	COAX	500317	54"	S4-5
30	J100-30 602201-908	S4-6 (602231)	COAX	500317	54"	S4-6
31	J100-31 602201-908	S4-COM (602231)	COAX	500317	54"	S4-COM
32	J100-32 NO CONNECT					

RACAL Instruments, Inc., 4 Goodyear St., Irvine, CA 92718							
DOCUMENT TITLE	SIZE	CODE NO.	DOCUMENT NO.		REV		
HARNESS ASSEMBLY, 1260-66B, VP90	Α	21793	407543-001		Α		
	DRN			SHEET 4 of 4			



RACAL INSTRUMENTS INC.

Assembly 407543-002 HARNESS Assy, 1260-66C, VP90

Rev Date 2/18/99 Revision A

#	Component	Description	U/M	Qty Reqd	Ref
1	5000 OS	TIE CORD NYLON	FT	.00001	
3	500017	TBGSRK-POF. 500ID-BLACK	FT	.00001	
5	500317	CACX-SHD-01C28G-1STR	FT	.00001	
7	602201-010	CON-RCV-PLG032CD-VP90	EA	1.00000	J100
9	602201-908	CONTACT, COAX, 20GHZ, SF142,VP	EA	14.00000	W/J100
11	602231	CON-CXL-PLG001C.	EA	14.00000	S1-2
13	610777	TIE-CA-LKG 062 750	EA	.00001	
15	910541	POLYURETHANE CONFORMAL COAT	EA	.00001	
20	GRP-110-1/2	TBGWOV-POY. 250ID-BLACK	FT	.00001	
21	M23053/5-207-C	TBGSRK-POF. 375ID-CLEAR	EA	.00001	
25	M23053/5-104-4	TBGSRK-POF. 13ID-YELLOW	FT	.00001	
29	M23053/5-109-4	TBGSRK-POF. 750ID-YELLOW	FT	.00001	•
31	M23053/5-204-C	TBGSPK-POF. 125ID-CLEAR	FT	.00001	•
33	M23053/5-209-C	TBGSRK-POF . 750ID-CLEAR	FT	.00001	

WIRE	FROM	ТО	TYPE		WIRE LEN	REFERENCE
		Uxx-SLOT yy (S1-S2)	-	407543- 002		SYSTEM WIRE UST

This system wirelist serves as a template for incorporating this harness assembly into the overall system wirelist. It does not in any way affect the fabrication of this harness assembly.

RACAL Instruments, Inc., 4 Goodyear St., Irvine, CA 92718						
DOCUMENT TITLE	SIZE	CODE NO.	DOCUMENT NO.		REV	
HARNESS ASSEMBLY, 1260-66C, VP90	Α	21793	407543-002		Α	
	DRN			SHEET 2 of 4		

WIRE	FROM	TO	TYPE	PART#	WIRE LEN	REFERENCE		
1	J100-1	S1-1	COAX	500317	54"	S1-1		
	602201-908	(602231)						
2	J100-2 602201-908	S1-2 (602231)	COAX	500317	54"	S1-2		
3	J100-3 602201-908	S1-3 (602231)	COAX	500317	54"	S1-3		
4	J100-4 602201-908	\$1-4 (602231)	COAX	500317	54"	S1-4		
S	J100-5 602201-908	S1-5 (602231)	COAX	500317	54"	S1-5		
6	J100-6 602201-908	S1-6 (602231)	COAX	500317	54"	S1-6		
7	J100-7 602201-908	S1-COM (602231)	COAX	500317	54"	S1-COM		
8	J100-8 NO CONNECT	(602201)						
9	J100-9 602201-908	S2-1 (602231)	COAX	500317	54"	S2-1		
10	J100-10 602201-908	S2-2 (602231)	COAX	500317	54"	S2-2		
11	J100-11 602201-908	S2-3 (602231)	COAX	500317	54"	S2-3		
12	J100-12 602201-908	S2-4 (602231)	COAX	500317	54"	S2-4		
13	J100-13 602201-908	S2-S (602231)	COAX	500317	54"	S2-5		
14	J100-14 602201-908	S2-6 (602231)	COAX	500317	54"	S2-6		
15	J100-15 602201-908	S2-COM (602231)	COAX	500317	54"	S2-COM		
16	J100-16 NO CONNECT							
17	J100-17 NO CONNECT							
18	J100-18 NO CONNECT							
19	J100-19 NO CONNECT							
20	J100-20 NO CONNECT							
21	J100-21 NO CONNECT							
22	J100-22 NO CONNECT							
23	J100-23 NO CONNECT							
24	J100-24 NO CONNECT					_		
25	J100-25 NO CONNECT							
RACA		c., 4 Goodyear St.	, Irvine, C	A 92718				
	NT TITLE	<u>, </u>	SIZE	CODE NO.	DOCUMENT I	NO.	REV	
HARNESS ASSEMBLY, 1260-66C, VP90			Α	21793	407543-00		Α	
21, 122, 123, 11			DRN				SHEET 3 of 4	

WIRE	FROM	ТО	TYPE	PART#	WIRE LEN	REFERENCE
26	J100-26 NO CONNECT					
27	J100-27 NO CONNECT					
28	J100-28 NO CONNECT					
29	J100-29 NO CONNECT					
30	J100-30 NO CONNECT					
31	J100-31 NO CONNECT					
32	J100-32 NO CONNECT					

RACAL Instruments, Inc., 4 Goodyear St., Irvine, CA 92718						
DOCUMENT TITLE	SIZE	CODE NO.	DOCUMENT NO.		REV	
HARNESS ASSEMBLY, 1260-66C, VP90	Α	21793	407543-002		Α	
	DRN			SHEET 4 of 4		

Chapter 9

PRODUCT SUPPORT

Product Support

Racal Instruments has a complete Service and Parts Department. If you need technical assistance or should it be necessary to return your product for repair or calibration, call 1-800-722-3262. If parts are required to repair the product at your facility, call 1-949-859-8999 and ask for the Parts Department.

When sending your instrument in for repair, complete the form in the back of this manual.

For worldwide support and the office closes to your facility, refer to the Support Offices section on the following page.

Reshipment Instructions

Use the original packing material when returning the 1260-66 to Racal Instruments for calibration or servicing. The original shipping crate and associated packaging material will provide the necessary protection for safe reshipment.

If the original packing material is unavailable, contact Racal Instruments Customer Service for information.

Support Offices

Racal Instruments, Inc.

4 Goodyear St., Irvine, CA 92618-2002 Tel: (800) RACAL-ATE, (800) 722-2528, (949) 859-8999; FAX: (949) 859-7139

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