

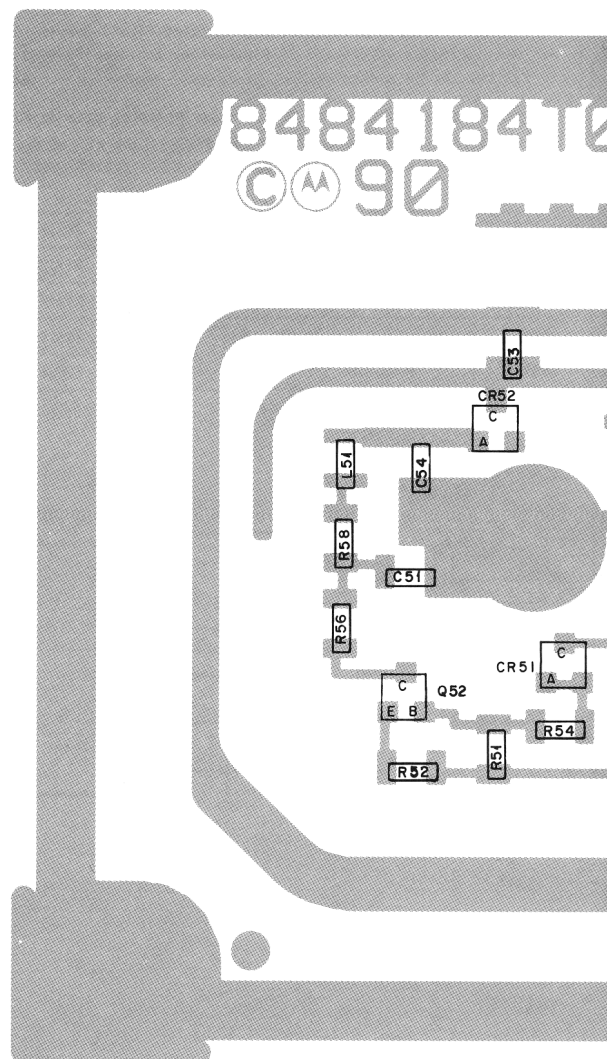
parts list

TRD6331A Receive VCO Board

PL-11605-O

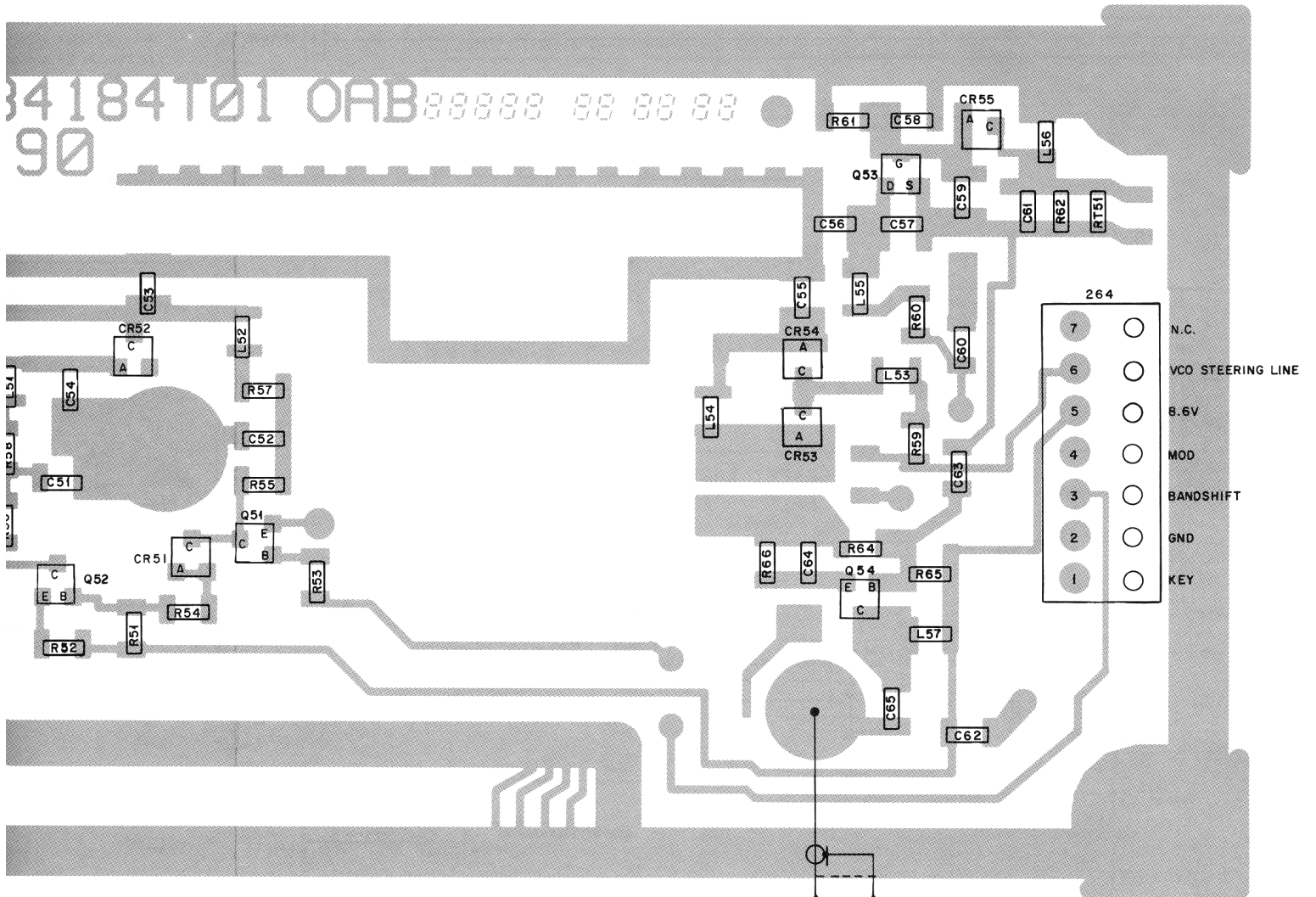
REFERENCE SYMBOL	MOTOROLA PART NO.	DESCRIPTION
		capacitor, fixed: μF $\pm 5\%$ 50V: unless otherwise stated
C51,52	2113741B21	.001uF
C53	2111078B25	25; 100V
C54	2111078B24	25; 100V
C55	2111078B32	39; 100V
C56	2111078B21	20; 100V
C57	2111078B24	25; 100V
C58	2113740B73	.001uF
C59	2111078B22	22; 100V
C60	2113741B21	.001uF
C61	2113740B73	.001uF
C62	2113741B21	.001uF
C63	2113740B07	1.8 $\pm 0.25\text{pF}$
C64	2113741B21	.001uF
C65	2113740B32	20
		diode (see note):
CR51	4811058A11	silicon
CR52	4884622E02	silicon
CR53,54	4805129M88	type MMBV609L
CR55	4882106T01	type Schottky
		coil:
L51 thru 53	2480140E02	1.8uH
L54	2480140E15	.275uH
L55	2480140E021	.8uH
L56	2480140E01	1.2uH
L57	2411087A14	.1uH
		connector:
P264B	64B0983729M01	receptacle: 7-contact
		transistor (see note):
Q51	4811056A03	NPN
Q52	4811056A08	PNP
Q53	4884939C30	type JFET
Q54	4884939C32	NPN
		resistor, fixed: $\pm 5\%$; 1/8 W unless otherwise stated
R51	0611077A74	1000
R52	0611077A50	100
R53	0611077A98	10K
R54	0611077A74	1000
R55	0611077A50	100
R56	0611077A43	51
R57	0611077A50	100
R58	0611077A43	51
R59	0611077A40	39
R60	0611077A26	10
R61	0611077B06	20K
R62	0611077A62	330
R64	0611077A67	510
R65	0611077A74	1000
R66	0611077A54	150
		thermistor (see note)
RT51	0680149M01	470 ohms

note: For optimum performance, diodes, transistors, and integrated circuits must be ordered by Motorola part numbers.



SHOWN FROM COMPONENT SIDE

TRD1841A RECEIVE VCO

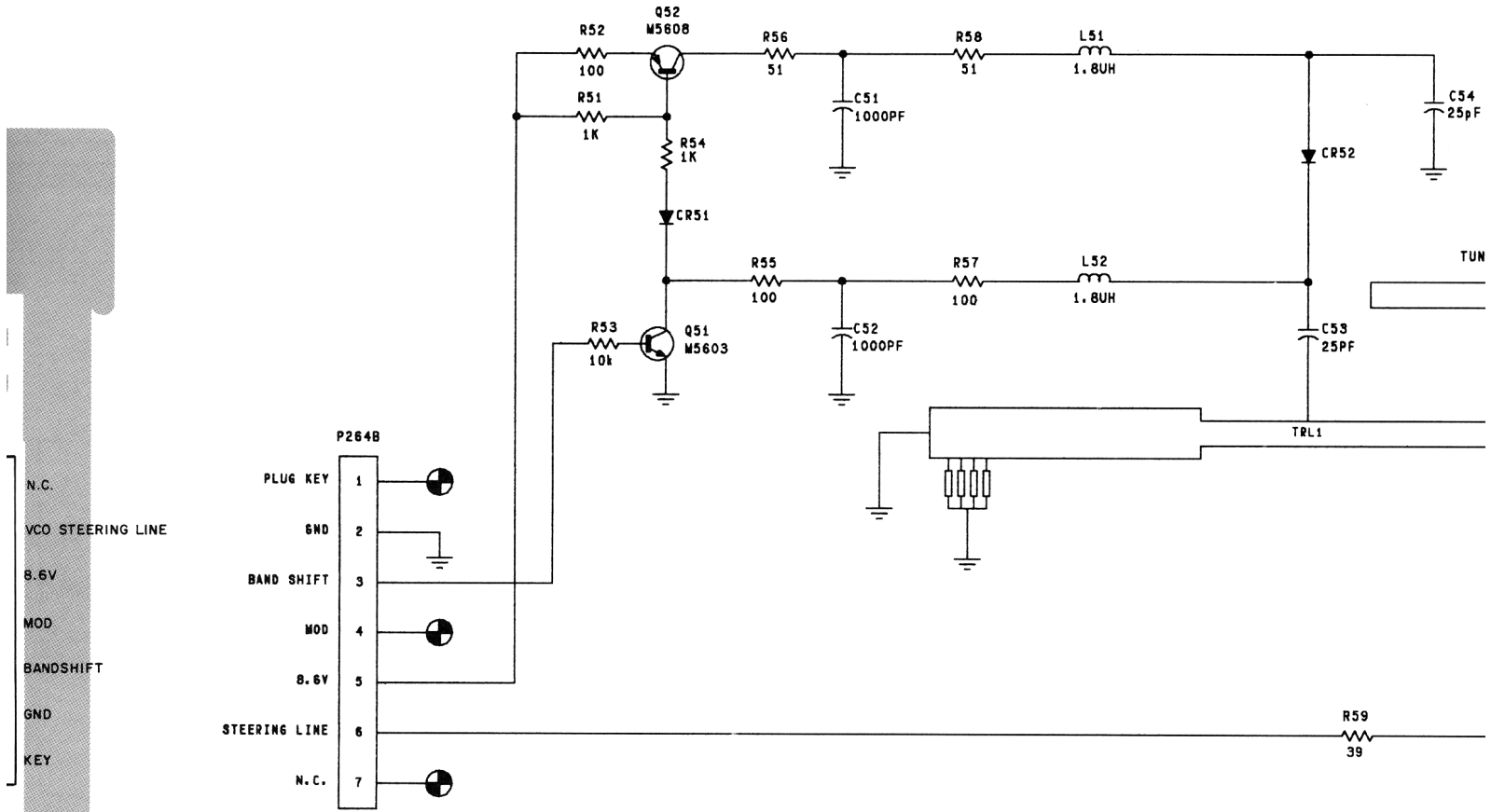


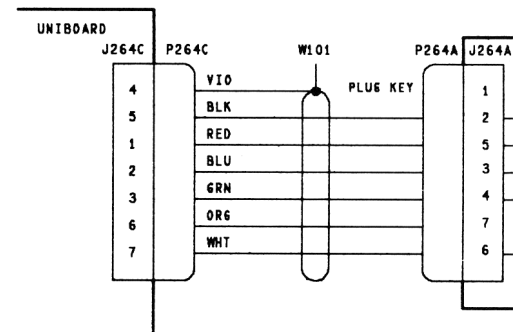
ONENT SIDE

COMPONENT SIDE ● BD-CEPS — 47898-0
OL-CEPS — 47899-0

J263
XMIT RF

RECEIVE VCO (123.1 -147.3 MHZ)

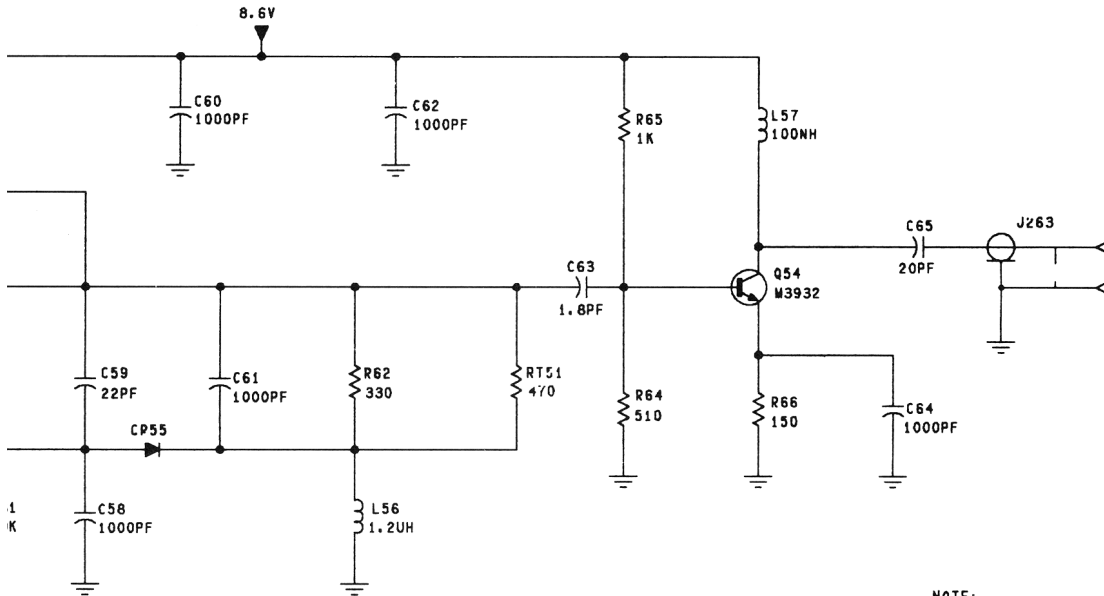




TEPS-47871-0

TRD1841A RECEIVE VCO

SCHEMATIC DIAGRAM, CIRCUIT BOARD DETAIL, AND PARTS LISTS



NOTE:

FIELD REPAIR OF THE TRD6331A IS NOT RECOMMENDED. IT SHOULD BE REPLACED IN ITS ENTIRETY. PARTS ARE SHOWN FOR REFERENCE PURPOSE ONLY.

