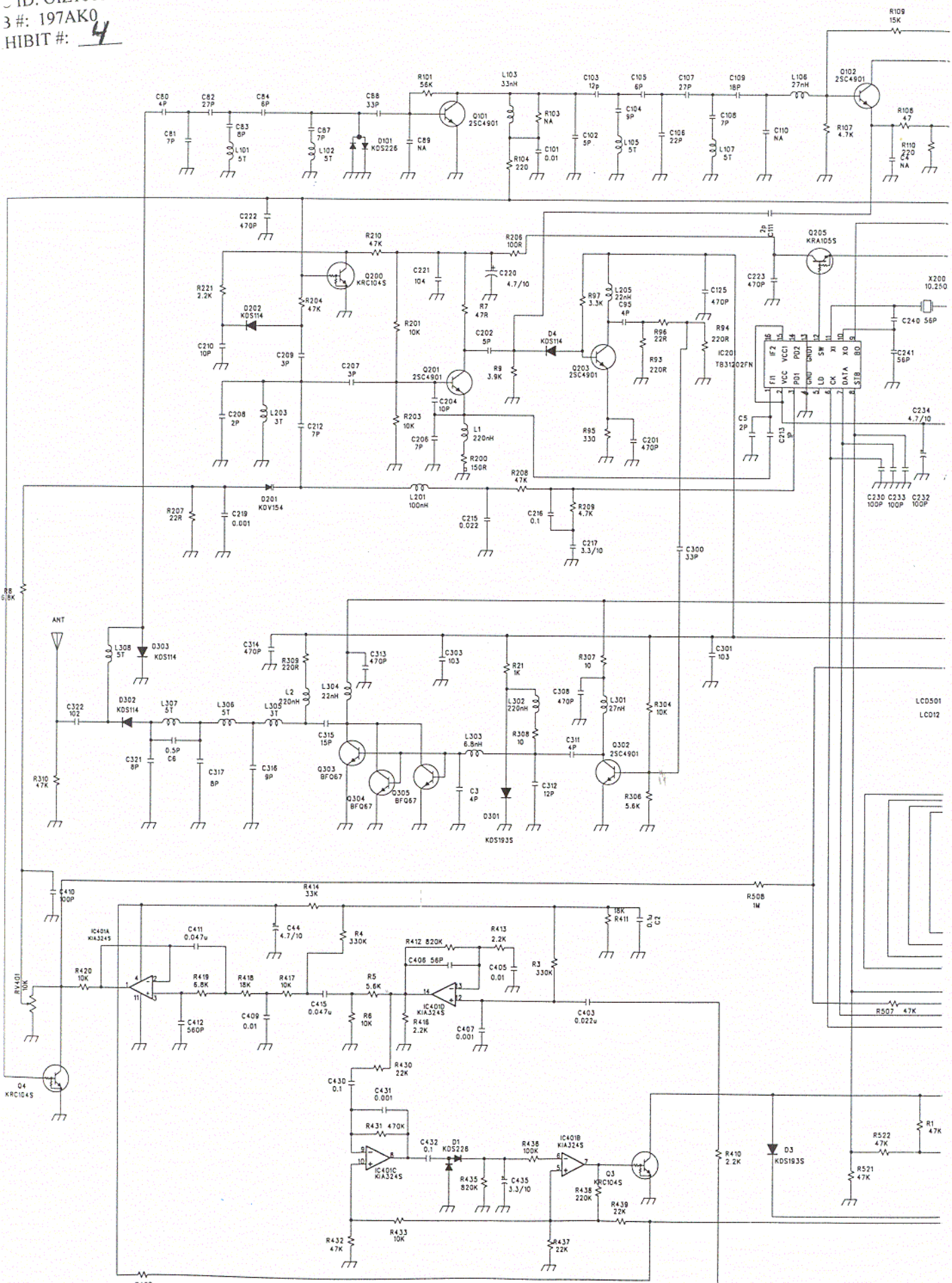
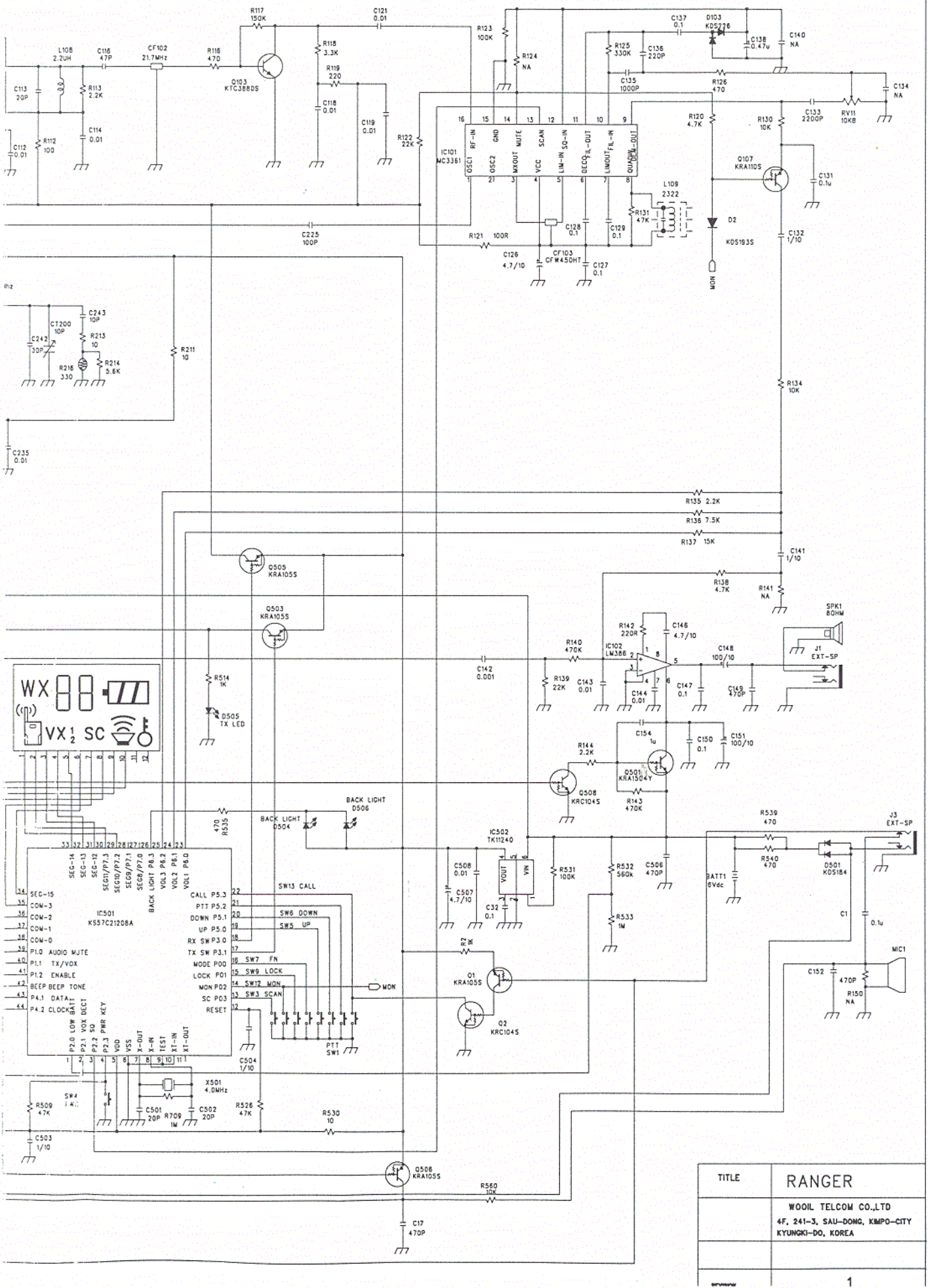
)OIL TELCOM CO., LTD.
C ID: OIZ1010
3 #: 197AK0
HIBIT #: 4




R117 150K
C121 0.01
R118 3.3K
R119 220
C118 0.01
C119 0.01
Q103 KTC3880S
L108 2.2UH
C116 47P
CF102 21.7MHz
R116 470
C113 20P
R113 2.2K
C114 0.01
R112 100
C112 0.01
R123 100K
R124 NA
R125 330K
C136 220P
C137 0.1
D103 KDS226
C138 0.47u
C140 NA
C135 1000P
R126 470
C134 NA
R120 4.7K
R130 10K
C133 2200P
RV11 10KB
Q107 KRA110S
C131 0.1u
R122 22K
IC101 MC3361
RF-IN
GND
MUTE
SCAN
SQ-IN
FIL-OUT
FIL-IN
OSC1
OSC2
MIXOUT
VCC
LIM-IN
DECO
LIMOUT
QUADR-OUT
L109 2322
R131 47K
C128 0.1
C129 0.1
D2 KDS193S
MON
C225 100P
R121 100R
C126 4.7/10
CF103 CFW450HT
C127 0.1
C132 1/10
C243 10P
CT200 10P
C242 30P
R213 10
R216 330
R214 5.6K
R211 10
C235 0.01
R134 10K
R135 2.2K
R136 7.5K
R137 15K
C141 1/10
Q505 KRA105S
R138 4.7K
R141 NA
Q503 KRA105S
R142 220R
C146 4.7/10
R140 470K
IC102 LM386
C148 100/10
SPK1 8OHM
J1 EXT-SP
C142 0.001
R139 22K
C143 0.01
C144 0.01
C147 0.1
C149 470P
R514 1K
Q505 TX LED
WX
VX 1/2 SC
C154 1u
C150 0.1
C151 100/10
R144 2.2K
Q501 KRA1504Y
Q508 KRC104S
R143 470K
BACK LIGHT D506
BACK LIGHT Q504
470 R535
IC502 TK11240
R539 470
J3 EXT-SP
C508 0.01
C507 4.7/10
C32 0.1
R531 100K
R532 560k
C506 470P
R540 470
D501 KDS184
BATT1 6Vdc
R533 1M
C1 0.1u
IC501 KS57C21208A
SEG-14
SEG-13
SEG-12
SEG11/P7.3
SEG10/P7.2
SEG9/P7.1
SEG8/P7.0
BACK LIGHT P6.3
VOL3 P6.2
VOL2 P6.1
VOL1 P6.0
SEG-15
COM-3
COM-2
COM-1
COM-0
P1.0 AUDIO MUTE
P1.1 TX/VOX
P1.2 ENABLE
BEEP BEEP TONE
P4.1 DATA
P4.2 CLOCK
CALL P5.3
PTT P5.2
DOWN P5.1
UP P5.0
RX SW P3.0
TX SW P3.1
MODE P00
LOCK P01
MON P02
SC P03
RESET
SW13 CALL
SW6 DOWN
SW5 UP
SW7 FN
SW9 LOCK
SW12 MON
SW3 SCAN
PTT SW1
R2 1K
Q1 KRA105S
Q2 KRC104S
MIC1
C152 470P
R150 NA
P2.0 LOW BATT
P2.1 VOX DECT
P2.2 SQ
P2.3 PWR KEY
VDD
VSS
X-OUT
X-IN
TEST
XT-IN
XT-OUT
X501 4.0MHz
C501 20P
R709 1M
C502 20P
C504 1/10
R509 47K
C503 1/10
R526 47K
R530 10
Q506 KRA105S
R560 10K
C17 470P
TITLE
RANGER
WOOIL TELCOM CO.,LTD
4F, 241-3, SAU-DONG, KIMPO-CITY
KYUNGKI-DO, KOREA
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