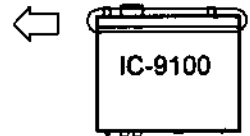
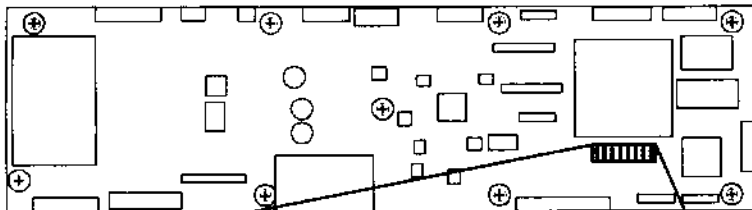


Technical Information

Date: March 18, 2011

TX/RX Frequency expansion of IC-9100

MAIN unit (top side)



D1518	D1524	D1525	D1526	D1527	D1528	D1531	D1532
D1517	D1519	D1520	D1521	D1522	D1523	D1529	D1530
D1502	D1508	D1509	D1510	D1511	D1512	D1515	D1516
D1501	D1503	D1504	D1505	D1506	D1507	D1513	D1514

TX frequency coverage expansion (HF/50MHz bands)

BAND 1 (expanded frequency: 1.6–29.999999 MHz, 50.0–54.0 MHz)

Remove D1508 as shown below.

Add D1502 and D1503 as shown below.

BAND 2 (expanded frequency: 1.6–54.0 MHz)

Remove D1502 as shown below.

Add D1503 and D1508 as shown below.

BAND 3 (expanded frequency: 0.1–60.0 MHz)

Remove D1502 and D1508 as shown below.

Add D1503 as shown below.

1502 X
1508 X
1503 2-2V

D1518	D1524	D1525	D1526	D1527	D1528	D1531	D1532
D1517	D1519	D1520	D1521	D1522	D1523	D1529	D1530
D1502	D1508	D1509	D1510	D1511	D1512	D1515	D1516
D1501	D1503	D1504	D1505	D1506	D1507	D1513	D1514

D1508: [Add for BAND 2
Remove for BAND 1 and BAND 3

D1503: Add for BAND 1 – BAND 3

D1502: [Add for BAND 1
Remove for BAND 2 and BAND 3

TX frequency coverage expansion (144MHz and above bands)

BAND 1 (expanded frequency: 136.0–174.0 MHz)

Remove D1510 as shown below.

Add D1503 and D1509 as shown below.

BAND 2 (expanded frequency: 108.0–174.0 MHz)

Remove D1509 and D1510 as shown below.

Add D1503 as shown below.

1509 - X
1510 - X

BAND 3 (expanded frequency: 420.0–480.0 MHz)

Remove D1511 as shown below.

Add D1503 as shown below.

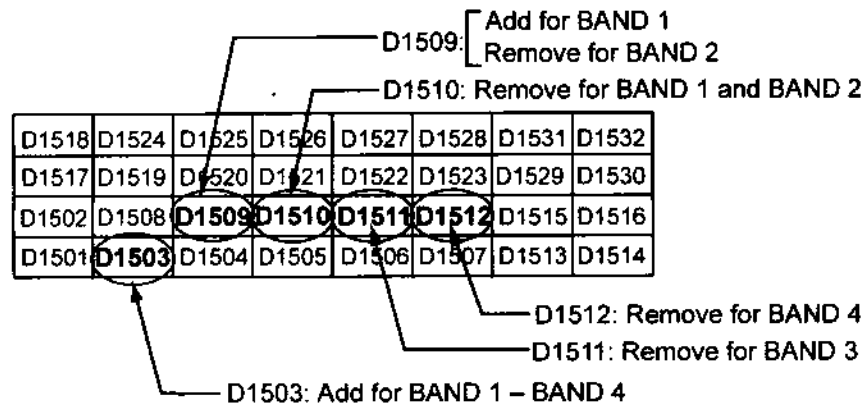
1511 - X

BAND 4 (expanded frequency: 1240.0–1320.0 MHz)

Remove D1512 as shown below.

Add D1503 as shown below.

(optional unit is installed)



RX frequency coverage expansion

Remove D1504 and D1505 as shown below.

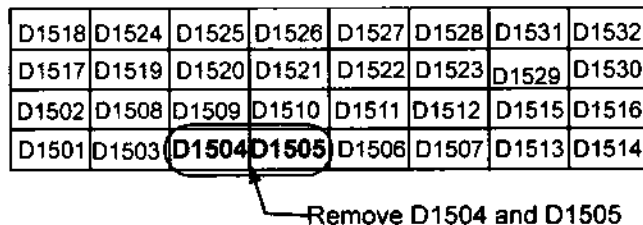
Expanded frequency:

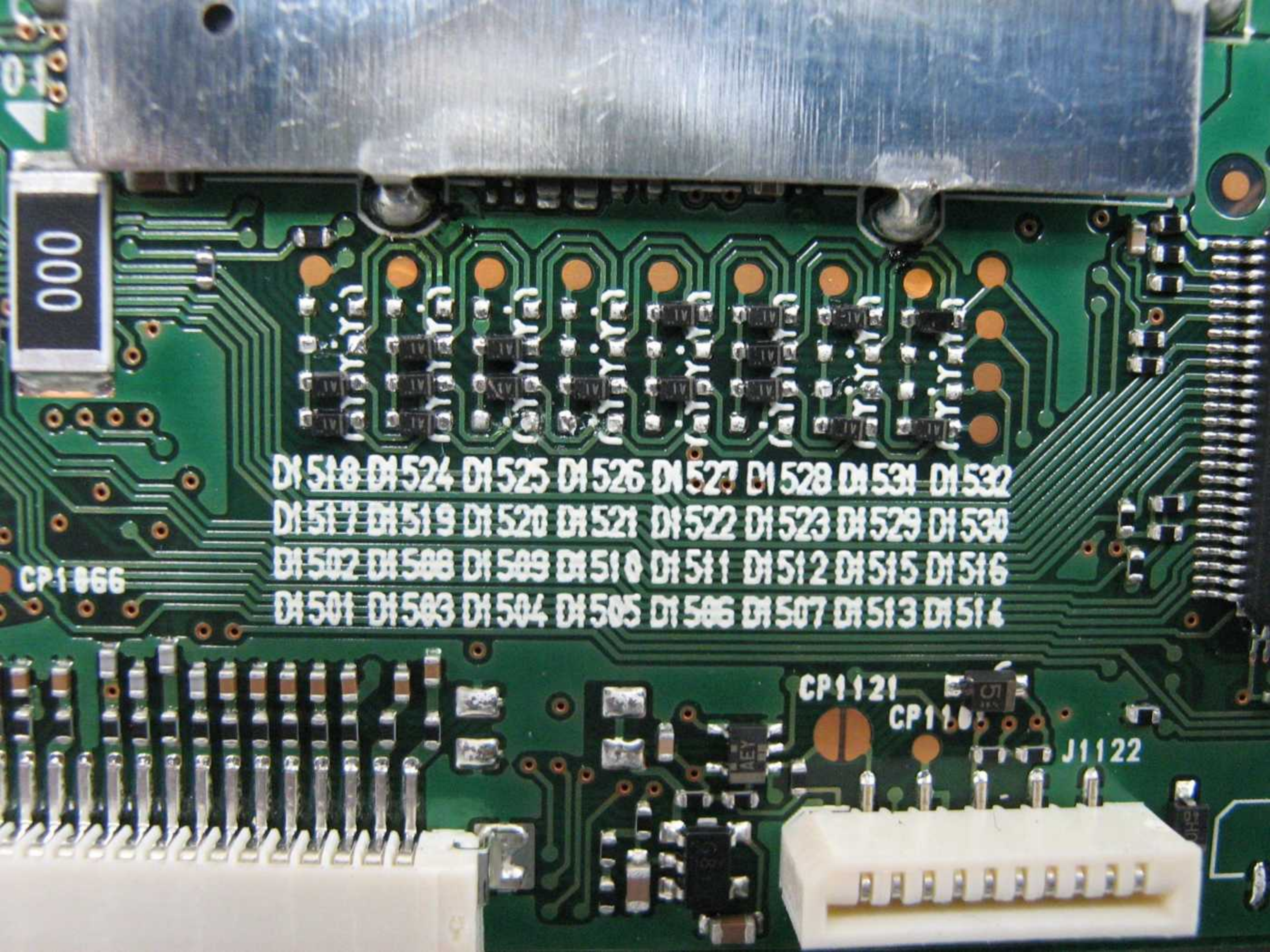
HF band: 0.03–60.0 MHz

VHF band: 108.0–174.0 MHz

UHF band: 420.0–480.0 MHz

1200M band: 1240.0–1320.0 MHz (optional unit is install)





DI518 DI524 DI525 DI526 DI527 DI528 DI531 DI532
DI517 DI519 DI520 DI521 DI522 DI523 DI529 DI530
DI502 DI508 DI509 DI510 DI511 DI512 DI515 DI516
DI501 DI503 DI504 DI505 DI506 DI507 DI513 DI514

CP1066

CP1121

CP110

J1122