

- NOTES:
1. UNLESS OTHERWISE STATED RX DC VOLTAGES ARE MEASURED WITHOUT RF INTO J401
 2. RX DC VOLTAGES ARE FOR RADIO IN NON-BATTERY SAVER MODE
 3. RX RF VOLTAGES IN DBM ARE MEASURED WITH 1.5PF IN SERIES WITH 50 OHM ADAPTER OF THE RF MILLIVOLTMETER AND A RF LEVEL OF -200DBM INTO J401
 4. VOLTAGES IN MV ARE MEASURED WITH A X10 SCOPE PROBE
 5. THESE LEVELS MEASURED BY REMOVING R52
 6. MEASUREMENTS MADE ABOVE Crossover FREQUENCY
 7. MEASUREMENTS MADE BELOW Crossover FREQUENCY
 8. MEASURED WITH 0.25uH CHOKE IN SERIES WITH DC VOLTMEETER PROBE FOR TX DC VOLTAGES

* COMPONENTS ARE FOR FUTURE USE AND ARE NOT PLACED ON THE CIRCUIT BOARD AT THIS TIME.

NUE7269B UHF (403 — 470MHz) Transceiver Board Schematic Diagram

Parts List

NUE7270B UHF (450 — 520MHz) Transceiver Board

| REFERENCE SYMBOL | MOTOROLA PART NO. | DESCRIPTION |
|------------------|-------------------|---------------------------------------------|
| C1 | 2113740F18 | CAPACITOR, Fixed: pF ±5%; 50V unless stated |
| C2 | 2113740F22 | 4.3 ±0.25pF |
| C3 | 2113740F18 | 6.2 ±0.25pF |
| C4 | 2113740F51 | 100 ±0.25pF |
| C5 | 2113740F23 | 6.8 |
| C6 | 2113740F20 | 5.1 ±0.25pF |
| C7 | 2113740F28 | 11 |
| C9 | 2113740F23 | 6.8 |
| C10 | 2113740F45 | 56 |
| C11 | 2113741F49 | .01µF |
| C12 | 2113740F51 | 100 ±0.25pF |
| C13 | 2311049A66 | 22µF; 4V |
| C15 | 2113740F51 | 100 ±0.25pF |
| C16 | 2113740F38 | 30 |
| C17 | 2113743K15 | 0.1µF |
| C18 | 2113740F26 | 9.1 |
| C19 | 2113740F21 | 5.6 ±0.25pF |
| C31 | 2113741F49 | .01µF |
| C35 | ----- | Not placed |
| C36 | 2113740F20 | 5.1 ±0.25pF |
| C38 | 2113740F27 | 10 |
| C39 | 2113740F09 | 1.8 |
| C40 | 2113740F51 | 100 ±0.25pF |
| C41 | 2113743A19 | 0.1µF |
| C42 thru C46 | 2113743A23 | 0.22µF |
| C47 | 2109720D14 | 0.1µF |
| C48 | 2113741F16 | 430 |
| C49 | 2113743A19 | 0.1µF |
| C50 | 2113741F49 | .01µF |
| C51 | 2113743K15 | 0.1µF |
| C52 | 2113741A51 | .018µF |
| C53 | 2113743B17 | 0.15µF |
| C54 | 2113740F41 | 39 |
| C55 | 2113740F39 | 33 |
| C56, C57 | 2113740F42 | 43 |
| C58 | 2113740F11 | 2.2 ±0.25pF |
| C59 | 2113741F49 | .01µF |
| C60 | 2113743K15 | 0.1µF |
| C61 | 2109720D14 | 0.1µF |
| C63, C64 | 2113743K15 | 0.1µF |
| C65 | 2113741F41 | 4.7 |
| C72 | 2113740F51 | 100 ±0.25pF |
| C82 | 2113741F49 | .01µF |
| C083 | 2113740F51 | 100 ±0.25pF |
| C84 | 2113741F49 | .01µF |
| C85 | 2311049J23 | 10µF; 6V |
| C86, C87 | 2113740F51 | 100 ±0.25pF |
| C88 | 2113740F45 | 56 |
| C89 | 2113740A18 | 4.3 ±0.25pF |
| C90 | 2113740F25 | 8.2 ±0.25pF |
| C91 | 2113740F31 | 15 |
| C92 | 2113740F09 | 1.8 |
| C93 | 2113740F20 | 5.1 ±0.25pF |
| C94 | 2113740F29 | 12 |
| C95 | 2113740F25 | 8.2 ±0.25pF |
| C96 | 2113741F49 | .01µF |
| C98 | 2113740F34 | 20 |
| C99 | 2113740F21 | 5.6 ±0.25pF |
| C101 | 2113743E07 | .022µF |
| C102 | 2113740F51 | 100 ±0.25pF |
| C103 | 2311049J26 | 10µF; 16V |
| C104, C105 | 2113740F51 | 100 ±0.25pF |
| C106 | 2311049A56 | 4.7µF; 10V |
| C107, C108 | 2113740F51 | 100 ±0.25pF |
| C109 | 2311049A07 | 1µF; 16V |
| C110, C111 | 2113740F51 | 100 ±0.25pF |

| | | |
|------------------|------------|-------------|
| C113, C114 | 2113740F51 | 100 ±0.25pF |
| C115 | 2113743K07 | .047µF |
| C116 | ----- | Not placed |
| C117 | 2113740F51 | 100 ±0.25pF |
| C118 | 2113743K15 | 0.1µF |
| C119 | 2113740F51 | 100 ±0.25pF |
| C120 | 2311049A54 | 3.3µF; 16V |
| C121 | 2113740F51 | 100 ±0.25pF |
| C123 | 2113743K15 | 0.1µF |
| C125, C126 | 2311049A54 | 3.3µF; 16V |
| C127, C128 | 2311049A07 | 1µF; 16V |
| C132 | 2113740F25 | 8.2 ±0.25pF |
| C133 | 2113740F09 | 1.8 |
| C135 | 2113740F51 | 100 ±0.25pF |
| C137, C138 | 2113740F51 | 100 ±0.25pF |
| C139 | ----- | Not placed |
| C140 | 2113741F41 | 4.7 |
| C141 | 2113740F51 | 100 ±0.25pF |
| C145 | 2113740F51 | 100 ±0.25pF |
| C147 | 2113740F51 | 100 ±0.25pF |
| C148 | 2113740F03 | 1 ±0.1pF |
| C149 | 2113740F30 | 13 |
| C150 | 2113740F29 | 12 |
| C151 | 2113740F18 | 4.3 ±0.25pF |
| C153, C154, C155 | 2113740F51 | 100 ±0.25pF |
| C156 | 2311049A07 | 1µF; 16V |
| C157 | ----- | Not placed |
| C201 | 2113740F03 | 1 ±0.1pF |
| C202 | ----- | Not placed |
| C203 | 2113740F07 | 1.5 ±0.1pF |
| C204 | 2113740F51 | 100 ±0.25pF |
| C205 | ----- | Not placed |
| C206 | 2113741F33 | 2200 |
| C208 | 2113740F51 | 100 ±0.25pF |
| C209 | 2113741F49 | .01µF |
| C210 | 2113743E07 | .022µF |
| C211 | 2113740F51 | 100 ±0.25pF |
| C214 | 2113740F14 | 3 |
| C216 | 2113741F37 | 3300 |
| C217 | 2113740F51 | 100 ±0.25pF |
| C219 | 2113740F15 | 3.3 ±0.25pF |
| C220 | 2113740F22 | 6.2 ±0.25pF |
| C221 | 2113741F49 | .01µF |
| C222 | 2113740F18 | 4.3 ±0.25pF |
| C223 | 2113906C02 | ATC, 4.0pF |
| C225 | 2113740F03 | 1 ±0.1pF |
| C226 | 2113740F26 | 9.1 |
| C227, C228 | 2113740F51 | 100 ±0.25pF |
| C230 | ----- | Not placed |
| C231 | 2311049A60 | 10µF; 4V |
| C233 | 2113740F51 | 100 ±0.25pF |
| C235 | 2113740F20 | 5.1 ±0.25pF |
| C236 | 2113740F18 | 4.3 ±0.25pF |
| C237 | 2113740F15 | 3.3 ±0.25pF |
| C238 | 2113740F51 | 100 ±0.25pF |
| C239 | 2113740F23 | 6.8 |
| C240 | 2113906C02 | ATC, 4.0pF |
| C243 | 2113740F23 | 6.8 |
| C244 | 2109720D09 | .022µF |
| C245 | 2113741F25 | .001µF |
| C246 | 2109720D09 | .022µF |
| C247 | 2311049A05 | 0.47µF; 16V |
| C250 | 2113741F25 | .001µF |
| C253 | 2311049J23 | 10µF; 6V |
| C254 | 2113743G26 | 4.7µF; 16V |
| C255 | 2113743K15 | 0.1µF |
| C256, C257 | 2113741F49 | .01µF |
| C258 | 2311049J11 | 4.7µF; 16V |
| C260 | 2113743K07 | .047µF |
| C266, C267 | 2113741F49 | .01µF |
| C270 | 2113741F25 | .001µF |
| C271 | 2385688A01 | 4.7µF; 10V |
| C274 | ----- | Not placed |
| C275 | 2113743K15 | 0.1µF |

| | | |
|------------------|---------------------------|------------------------------------------------|
| C279 | 2113740F51 | 100 ±0.25pF |
| C280 | 2113743K15 | 0.1µF |
| C282 | 2113743K15 | 0.1µF |
| C284 | 2311049A33 | 0.22µF |
| C287 | 2462587V25 | .022µF |
| C288 | 2113741F49 | .01µF |
| C289, C290 | 2113740F51 | 100 ±0.25pF |
| C292 | 2113740F03 | 1 ±0.1pF |
| C294 | 2113740F51 | 100 ±0.25pF |
| C303 | 2462587E07 | .022µF |
| C304 thru C308 | 2113740F51 | 100 ±0.25pF |
| C309 | 2113741F37 | 3300 |
| C310 | 2113740F51 | 100 ±0.25pF |
| C311 | 2113741F37 | 3300 |
| C313, C314 | ----- | Not placed |
| C315 | 2113740F51 | 100 ±0.25pF |
| CR5 thru CR9 | 4862824C01 | DIODE: Varactor |
| CR11 | 4805129M96 | PIN |
| CR12 | 4805218N53 | Dual |
| CR101 | 4805129M67 | Dual |
| CR103 | 4805129M67 | Dual |
| CR108, CR109 | 4802482J02 | PIN |
| CR201 | 4802245J29 | Varactor |
| CR202 | 4862824C01 | Varactor |
| CR203 | 4862824C03 | Varactor |
| CR204, CR205 | 4802233J09 | Triple |
| CR206 | 4805129M06 | Dual |
| CR207 thru CR209 | 4802245J29 | Varactor |
| E101, E104 | ----- | CORE: Bead, ferrite |
| F1 | 6505757V01 | FUSE: 1-Amp. |
| FL1 | 4802655J03 | FILTER: Crystal, 73.35MHz |
| J301 | 0902619J01 | JACK: 20-pin connector; to P301 on Jumper Flex |
| J401 | 3905912Y01 and 3905643V01 | Contact, Antenna Contact, Antenna ground |
| L6 | 2462587V29 | .039µH |
| L7 | 2462587V37 | 0.18µH |
| L8 | 2462587T23 | 0.47µH |
| L9 | 2462587V27 | .027µH |
| L10 | 2462587V23 | 0.12µH |
| L11 | 2460591B04 | 4 turns, airwound |
| L12 | 2460591M32 | 4 turns, airwound |
| L13 | 2460591B80 | 4 turns, airwound |
| L14, L15 | 2460591B04 | 4 turns, airwound |
| L16 | 2462587T23 | 0.47µH |
| L20 | 2462587N61 | 0.47µH |
| L22 | 2462587T23 | 0.47µH |
| L23 | 2462587Q44 | 0.56µH |
| L24 | 2462587V37 | 0.18µH |
| L25 | 2462587Q20 | 2.2µH |
| L30, L31 | 2460591A01 | 4 turns, airwound |
| L32 | 2460591B04 | 4 turns, airwound |
| L34, L35 | 2460591A01 | 4 turns, airwound |
| L36 | 2462587V36 | 0.15µH |
| L37 | 2462587V24 | 0.015µH |
| L101 thru L103 | 2462587T20 | 0.27µH |
| L105 | 2462587T20 | 0.27µH |
| L107, L108 | 2462587T17 | 0.15µH |
| L121, L122 | 2462587T20 | 0.27µH |
| L123 | 2462587V38 | 0.22µH |
| L126, L127, L128 | 2460591B04 | 4 turns, airwound |
| L201 | 2462587T37 | .018µH |
| L202 | 2462587Q20 | 2.2µH |
| L204 | 2462587Q42 | 0.39µH |
| L205 | 2462587V25 | .018µH |

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|------------------|------------|---------------------------------|
| L207 | 2462587V36 | 0.15µH |
| L208, L209 | 2462587T22 | 0.39µH |
| L210 | 2405619V03 | .0151µH, molded coil |
| L211 | 2405619V07 | .009µH, molded coil |
| L212 | 2462587V25 | .018µH |
| L213 | 2462587T22 | 0.39µH |
| L215 | 2462587T22 | 0.39µH |
| L216 | 2462587T05 | .015µH |
| L218 | 2462587T22 | 0.39µH |
| L219 | 2462587T37 | .018µH |
| L220 | 2462587T39 | .027µH |
| L221 | 2462587T22 | 0.39µH |
| L222 | 2462587Q40 | 0.27µH |
| L223 | 2462587Q42 | 0.39µH |
| L224 | 2462587T40 | .033µH |
| L301, L302 | 2462587Q42 | 0.39µH |
| P404 | 3905861X02 | PLUG: Connector, Battery; 3-pin |
| Q1, Q4 | 4805218N63 | NPV |
| Q5 | 4880048M04 | PNP |
| Q101 | ----- | Not placed |
| Q104, Q105, Q107 | 4805921T02 | PNP/NPN |
| Q108 | 4802245J10 | NPN Dual |
| Q110 | 4802245J12 | PNP |
| Q201 | 4802245J15 | JFET |
| Q202 | 4805218N55 | NPV |
| R7 | 0662057A25 | 100 |
| R16 | 0662057A59 | 2.7k |
| R17 | 0662057A80 | 20k |
| R18 | 0662057B05 | 200k |
| R22, R23 | 0662057A73 | 10k |
| R26 | ----- | Not placed |
| R27 | 0662057A01 | 10 |
| R32, R33 | 0662057A59 | 2.7k |
| R34, R35 | 0662057A89 | 47k |
| R36 | ----- | Not placed |
| R40 | 0662057A41 | 470 |
| R41 | 0662057A09 | 22 |
| R42 | 0662057A41 | 470 |
| R43 | ----- | Not placed |
| R44 | 0662057A45 | 680 |
| R45 | 0662057A90 | 51k |
| R46 | 0662057A89 | 47k |
| R47 | 0662057A09 | 22 |
| R48 | ----- | Not placed |
| R49 | 0662057A77 | 15k |
| R50 | 0662057A53 | 1.5k |
| R51 | 0662057A51 | 1.2k |
| R52 | 0662057A25 | 100 |
| R53 | 0662057A73 | 10k |
| R102 | 0662057A65 | 4.7k |
| R106 | 0662057A61 | 3.3k |
| R107 | ----- | Not placed |
| R110 | 0662057A65 | 4.7k |
| R111 | 0662057A49 | 1k |
| R113 | 0662057A85 | 33k |
| R114 | 0662057A77 | 15k |
| R115 | 0660078L28 | 180k |
| R116 | 0662057G19 | 130k ±1%; 0.1W |
| R119 | 0662057B22 | 1M |
| R126 | 0662057A18 | 51 |
| R127 | 0662057A12 | 30 |
| R128 | 0662057A89 | 47k |
| R129 | 0662057A65 | 4.7k |
| R130 | 0662057B47 | 0 |
| R139 | 0662057A97 | 100k |
| R199 | 0662057B47 | 0 |
| R203 | 0662057A01 | 10 |
| R204 | 0662057A73 | 10k |

| | | |
|------|------------|------|
| R205 | 0662057A77 | 15k |
| R206 | 0662057A73 | 10k |
| R207 | 0662057A93 | 68k |
| R208 | 0662057A58 | 2.4k |
| R209 | 0662057A41 | 470 |
| R210 | 0662057A37 | |

Parts List

NUF6505B 800MHz Transceiver Board

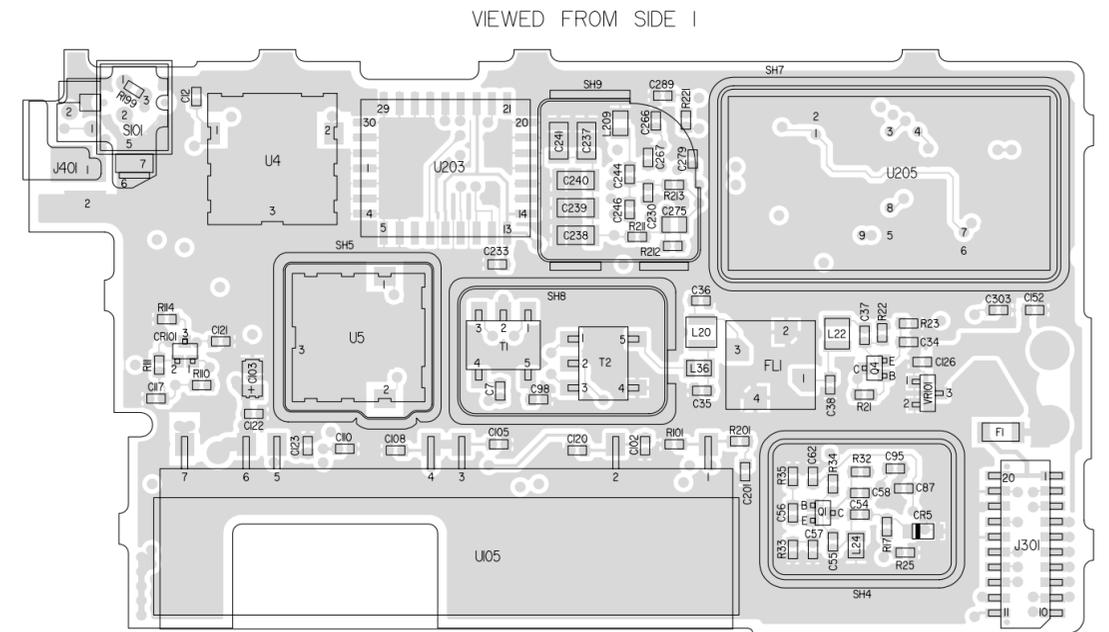
| REFERENCE SYMBOL | MOTOROLA PART NO. | DESCRIPTION |
|------------------|-------------------|----------------------------------------------------|
| | | CAPACITOR, Fixed: pF ±5%; 50V unless stated |
| C1 | 2311049J23 | 10µF |
| C2 | 2113743K15 | 0.1µF |
| C3 | 2113741F37 | 3.3nF |
| C4 | 2113740F29 | 12pF |
| C5 | 2113741F37 | 3.3nF |
| C6 | 2113740F43 | 47pF |
| C7 | 2113740F22 | 6.2pF |
| C8 | 2113740F39 | 33pF |
| C9 | 2113743K15 | 0.1µF |
| C10 | 2113740F15 | 3.3pF |
| C11 | 2113740F51 | 100pF |
| C12 | 2113740F16 | 3.3pF |
| C13 | 2311049J23 | 10µF |
| C15 | 2113743E07 | .022µF |
| C16 | 2113740F24 | 7.5pF |
| C19 | 2113740F41 | 39pF |
| C31 | 2113743E07 | .022µF |
| C34 | 2113743K15 | 0.1µF |
| C35 | 2113740F43 | 47pF |
| C36 | 2113740F13 | 2.7pF |
| C37 | 2113743E07 | .022µF |
| C38 | 2113740F17 | 3.9pF |
| C40 | 2113740F51 | 100pF |
| C41 | 2113743A19 | 0.1µF |
| C42 thru C45 | 2113743A23 | 0.22µF |
| C46 | 2113743K15 | 0.1µF |
| C47 | 2109720D14 | 0.1µF |
| C48 | 2113740A70 | 430pF |
| C49 | 2311049A04 | 0.33µF |
| C52 | 2113741A51 | .018µF |
| C53 | 2311049A02 | 0.15µF |
| C54, C55 | 2113740F41 | 39pF |
| C56, C57 | 2113740F42 | 43pF |
| C58 | 2113740F11 | 2.2pF |
| C60 | 2113743K15 | 0.1µF |
| C61 | 2113740F51 | 100pF |
| C62 | 2113743K15 | 0.1µF |
| C65 | 2113743K15 | 0.1µF |
| C72 | 2113740F41 | 39pF |
| C82 | 2113743E07 | .022µF |
| C83 | 2113740F41 | 39pF |
| C84 | 2113743E07 | .022µF |
| C85 | 2311049J23 | 10µF |
| C87 | 2113743K15 | 0.1µF |
| C88 | 2113740F20 | 5.1pF |
| C89 | 2113743E07 | .022µF |
| C90 | 2113740F41 | 39pF |
| C91 | 2311049J23 | 10µF |
| C92 | 2113743E07 | .022µF |
| C95 | 2113740F25 | 8.2pF |
| C96 | 2113743K15 | 0.1µF |
| C98 | 2113741F13 | 330pF |
| C101, C102 | 2113740F39 | 33pF |
| C103 | 2311049A07 | 1µF |
| C104, C105 | 2113743E07 | .022µF |
| C106 | ----- | Not placed |
| C107, C108 | 2113740F39 | 33pF |
| C109 | ----- | Not placed |
| C110, C111 | 2113740F39 | 33pF |

| | | |
|------------------|------------|---------------|
| C113 | 2113740F39 | 33pF |
| C114 | 2113743K15 | 0.1µF |
| C115 | 2113743K16 | 0.22µF |
| C116 | 2113743K15 | 0.1µF |
| C117, C118 | 2113740F39 | 33pF |
| C119 | 2113743E07 | .022µF |
| C120 | 2113743K15 | 0.1µF |
| C121 | 2113740F34 | 20pF |
| C122, C123 | 2113740F39 | 33pF |
| C125 | 2113743K15 | 0.1µF |
| C126 | 2113743E07 | .022µF |
| C132 | 2113743E07 | .022µF |
| C133 | 2311049J23 | 10µF |
| C135 | 2113740F39 | 33pF |
| C137 | 2113740F39 | 33pF |
| C138 | 2113740F34 | 20pF |
| C140 | 2113743E07 | .022µF |
| C141 | 2113740F34 | 10pF |
| C149 | 2113740F12 | 2.4pF |
| C150 | 2113740F12 | 2.4pF |
| C151 | 2113740F39 | 20pF |
| C152 | 2113740F39 | 33pF |
| C153 | ----- | Not placed |
| C201 | 2113740F19 | 4.7pF |
| C202 | 2113740F34 | 20pF |
| C204 | 2113740F39 | 33pF |
| C205 | 2113740F14 | 3pF |
| C209 | 2113743E07 | .022µF |
| C211 | 2113740F14 | 3pF |
| C214 | 2113743E07 | .022µF |
| C219 | 2113743E07 | .022µF |
| C225 | 2113740F39 | 33pF |
| C227, C228 | 2113740F39 | 33pF |
| C230, C231 | 2113740F39 | 33pF |
| C233 | 2113743E07 | .022µF |
| C236 | 2113743E07 | .022µF |
| C237 thru C241 | 2109720D14 | 0.1µF |
| C244 | 2113741F18 | 510pF |
| C245, C246 | 2113743E07 | .022µF |
| C247 | 2105248W02 | 1200pF |
| C250 | 2113743K15 | 0.1µF |
| C251 | 2113740F39 | 33pF |
| C253, C254 | 2311049J23 | 10µF |
| C255 | 2113743E07 | .022µF |
| C256, C257, C258 | 2113743K15 | 0.1µF |
| C260 | 2113743K07 | .047µF |
| C266, C267 | 2113741F37 | 3.3nF |
| C270 | 2311049J12 | 4.7µF |
| C271 | 2311049J23 | 10µF |
| C274 | ----- | Not placed |
| C275 | 2113743A13 | .047µF |
| C279 | 2113743K15 | 0.1µF |
| C280 | 2113743E07 | .022µF |
| C284 | 2113743E07 | .022µF |
| C289 | 2113740F42 | 43pF |
| C294 | 2113740F39 | 33pF |
| C301 | 2113743E07 | .022µF |
| C302 | 2113740F39 | 33pF |
| C303 | 2113741F37 | 3.3nF |
| C304 thru C308 | 2113740F39 | 33pF |
| C309 | 2113741F37 | 3.3nF |
| C310 thru C314 | 2113740F39 | 33pF |
| | | DIODE: |
| CR4 | 4805218N57 | Dual |
| CR5 | 4862824C01 | Varactor |
| CR101 | 4805218N57 | Dual |

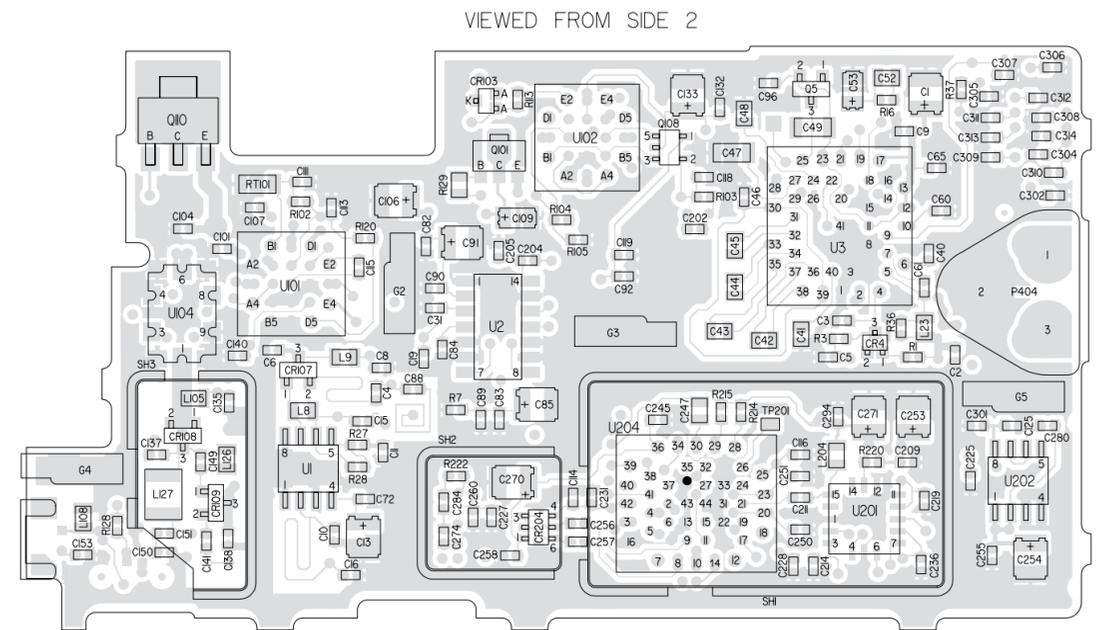
| | | |
|-----------------|---------------------------|---------------------------------------------------|
| CR103 | 4805218N57 | Dual |
| CR107, 108, 109 | 4805129M96 | PIN |
| CR204 | 480223309 | TRIPLE FUSE: |
| F1 | 6505757V01 | 1-Amp. |
| | | FILTER: |
| FL1 | 4802655J03 | Crystal, 73.35MHz |
| | | JACK: |
| J301 | 0902619J01 | 20-pin connector to P301 on Jumper Flex |
| J401 | 3905912Y01 and 3905643V01 | Contact, Antenna Contact, Antenna ground |
| | | COIL, RF: |
| L1, L2, L3 | 2405452C70 | 190nH |
| L8 | 2462587V37 | 180nH |
| L9 | 2462587Q40 | 270nH |
| L20 | 2405452C58 | 820nH |
| L22 | 2405452C64 | 1.5µH |
| L23 | ----- | Not placed |
| L24 | 2462587V37 | 180nH |
| L36 | 2462587V37 | 180nH |
| L105 | 2462587V28 | 33nH |
| L108 | 2462587V37 | 180nH |
| L126 | 2462587V37 | 180nH |
| L127 | 2405430Y01 | 6.5nH |
| L204 | 2462587V24 | 15nH |
| L209 | 2462587Q59 | 10µH |
| | | PLUG: |
| P404 | 3905861X02 | Connector, Battery; 3-pin |
| | | TRANSISTOR: |
| Q1, Q2, Q4 | 4805218N63 | NPN |
| Q5 | 4880048M04 | PNP |
| Q101 | 4805128M27 | PNP |
| Q108 | 4805921T06 | Dual PNP |
| Q110 | 4805218N45 | PNP |
| | | RESISTOR, Fixed: Ω±5% .0625W unless stated |
| R1 | 0662057A50 | 1.1k |
| R2 | 0660076N82 | 24k |
| R3 | 0662057A25 | 100 |
| R4 | 0660076N35 | 270 |
| R5 | 0660081A73 | 10k |
| R6 | 0660076N80 | 20k |
| R7 | 0662057A25 | 100 |
| R8 | 0660076N21 | 68 |
| R16 | 0662057A59 | 2.7k |
| R17 | 0662057A80 | 20k |
| R21 | 0662057A73 | 10k |
| R22 | 0662057A85 | 33k |
| R23 | 0662057A53 | 1.5k |
| R25 | 0662057B05 | 200k |
| R27 | 0662057A01 | 10 |
| R28 | 0662057A73 | 10k |
| R32, R33 | 0662057A59 | 2.7k |
| R34, R35 | 0662057A89 | 47k |
| R36 | 0662057A42 | 510 |
| R37 | 0662057B47 | 0 |
| R101 | 0662057A61 | 3.3k |
| R102 | 0662057A67 | 5.6k |
| R103 | 0662057A49 | 1k |
| R104 | 0662057B47 | 0 |
| R105 | ----- | Not placed |
| R110, R111 | 0662057A73 | 10k |
| R113 | 0662057A73 | 10k |
| R114 | 0662057A81 | 22k |
| R120 | 0662057A56 | 2k |
| R128 | ----- | Not placed |

| | | |
|------------|------------|----------------------|
| R129 | 0662057C75 | 1k |
| R199 | 0662057B47 | 0 |
| R201 | 0662057B47 | 0 |
| R211 | 0662057A18 | 51 |
| R212 | 0662057A49 | 1k |
| R213 | 0662057A56 | 2k |
| R214 | 0662057A87 | 39k |
| R215 | 0662057A90 | 51k |
| R220 | 0662057A77 | 15k |
| R221, R222 | 0662057A49 | 1k |
| RT101 | 0605621I02 | 50k |
| | | SWITCH: |
| S101 | ----- | Not placed |
| | | THERMISTOR: |
| RT101 | 0605621T03 | Thermistor, 50k |
| | | TRANSFORMER: |
| T1 | 2505515V04 | Balun; 4:1 |
| T2 | 2505515V07 | Balun; 2:1 |
| | | MODULE: |
| U1 | 5105457W51 | RF Amp |
| U2 | 5105457W52 | Mixer |
| U3 | 5186296A02 | IF IC |
| U4 | 5105279V15 | 3-Pole Filter |
| U101 | 5105835U52 | TX ALC |
| U102 | 5105835U52 | D/A |
| U104 | 5105279V26 | Coupler |
| U105 | 5105385Y12 | RF PA |
| U201 | 5105662U76 | VCO |
| U202 | 5105469E65 | 5V Regulator |
| U203 | 5105385Y43 | Ref. Oscillator |
| U204 | 5105457W81 | Synthesizer |
| U205 | 5105385Y53 | VCO |
| | | DIODE, Zener: |
| VR101 | 4813830A33 | 20V |

Note: "Not placed" means that components are for future use and are not placed on the circuit board at this time.



MAEPF-26337-O



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NUF6505B 800MHz Transceiver Board Parts List and Component Location Diagrams