

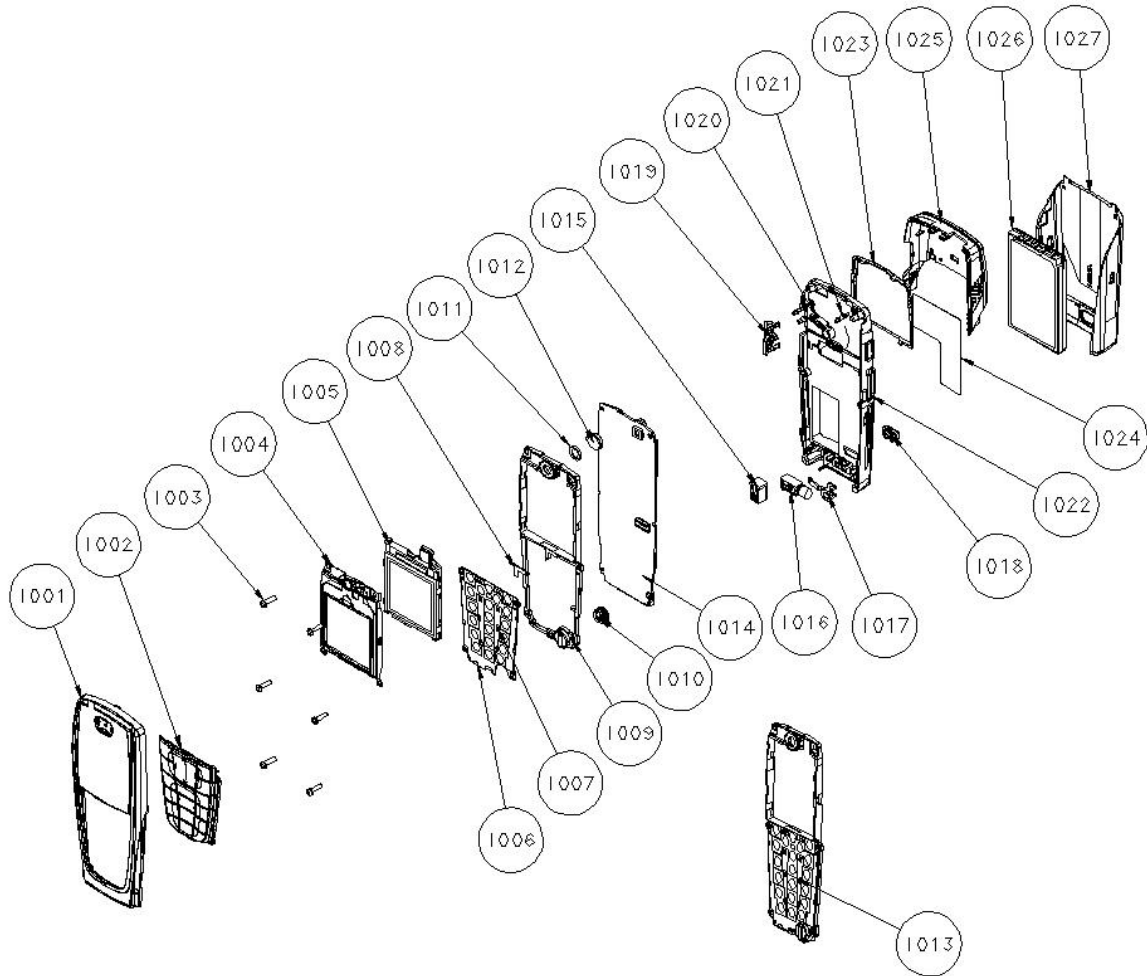
Customer Care Solutions NPL-3 Series Transceivers

NPL-3 Parts List

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Exploded View of NPL-3



Assembly Parts of NPL-3 (including Variants)

| Item | Code | Description |
|------|---------|--------------------------------------|
| I001 | 9458596 | A-COVER ASSY DMC04999 DARK GREY |
| | 9458597 | A-COVER ASSY DMC04999 GOLD-COLORED |
| | 9458598 | A-COVER ASSY DMC04999 LIGHT GREEN |
| | 9458599 | A-COVER ASSY DMC04999 ROSE |
| | 9458600 | A-COVER ASSY DMC04999 GREY |
| | 9458442 | A-COVER ASSY DMC04999 SILVER-COLORED |
| I002 | 9790817 | KEYMAT ASSY DMC04987 DARK GREY |
| | 9790819 | KEYMAT ASSY DMC04987 GOLD-COLORED |
| | 9790815 | KEYMAT ASSY DMC04987 LIGHT GREEN |
| | 9790818 | KEYMAT ASSY DMC04987 ROSE |
| | 9790816 | KEYMAT ASSY DMC04987 GREY |
| | 9790820 | KEYMAT ASSY DMC04987 SILVER-COLORED |
| I003 | 6290107 | SCREW 1.8x7 |
| I004 | 9517198 | DISPLAY SHIELD ASSEMBLY DMC05154 |
| I005 | 4850261 | LCD MODULE |
| I006 | 0202023 | UI BOARD MODULE DMC04986 |
| I007 | 4864573 | LED |
| I008 | 9481097 | UI PWB ADHESIVE DMD10577 |
| I009 | 9517240 | LCD FRAME METALIZED DMC05845 |
| I010 | 5140263 | MIC+BOOT ASSY |
| I011 | 9470283 | SPEAKER FOAM DMD08547 |
| I012 | 5140251 | SPEAKER |
| I013 | 9490899 | UI MODULE ASSY DMC05394 |
| I014 | 0202020 | PWB MODULE |
| I015 | 5400243 | DC CONNECTOR |
| I016 | 6800057 | VIBRATOR |
| I017 | 9511021 | RELEASE SPRING DMD09303 |
| I018 | 9452502 | RELEASE KEY DMD09302 |
| I019 | 9452501 | VOLUME KEY DMD09018 |
| I020 | 9790676 | POWER KEY DMD09014 |
| I021 | 5400263 | ANTENNA CONTACT PIN |
| I022 | 9467081 | C-COVER ASSEMBLY DMC05010 |
| I023 | 0660280 | ANTENNA DMD08968 |
| I024 | 9370940 | BLANK TYPE LABEL ROLL DMC05641 |
| I025 | 9458446 | B-COVER ASSEMBLY DMC05009 |
| I026 | 0670352 | BATTERY BLD-3 |
| I027 | 9458591 | BATTERY COVER DMC0500 DARK GREY |
| | 9458592 | BATTERY COVER DMC0500 GOLD-COLORED |
| | 9458593 | BATTERY COVER DMC0500 LIGHT GREEN |
| | 9458594 | BATTERY COVER DMC0500 ROSE |
| | 9458595 | BATTERY COVER DMC0500 GREY |
| | 9458444 | BATTERY COVER DMC0500 SILVER-COLORED |
| | | |
| | | |

Parts List with Grid References (NPL-3)

| Item | Component Code | Side | X | Y | Description | Value1 | Value2 | Value3 |
|------|----------------|--------|---|---|--------------------------------|--------|--------|----------------|
| R350 | 1413850 | Top | B | 3 | CHIPRES 0W125 4R7 J 0805 | 4R7 | ~ | normal,-5%,5% |
| R200 | 1414605 | Top | N | 7 | CHIPRES 0W25 0R22 J 0805 | 0R22 | ~ | normal,-5%,5% |
| R153 | 1430137 | Top | Q | 6 | CHIPRES 0W06 1K0 F 200PPM 0402 | 1k0 | ~ | normal,-1%,1% |
| R154 | 1430137 | Top | Q | 6 | CHIPRES 0W06 1K0 F 200PPM 0402 | 1k0 | ~ | normal,-1%,1% |
| R502 | 1430337 | Bottom | J | 2 | CHIPRES 0W06 9K1 F 0603 | 9k1 | ~ | normal,-1%,+1% |
| R706 | 1430681 | Bottom | C | 7 | CHIPRES 0W06 4R3 J 0402 | 4R3 | ~ | normal,-5%,5% |
| R515 | 1430690 | Bottom | J | 4 | Chipres 0W06 jumper 0402 | 0R | ~ | normal,-,- |
| R538 | 1430690 | Bottom | I | 5 | Chipres 0W06 jumper 0402 | 0R | ~ | normal,-,- |
| R539 | 1430690 | Bottom | J | 6 | Chipres 0W06 jumper 0402 | 0R | ~ | normal,-,- |
| R550 | 1430690 | Bottom | L | 6 | Chipres 0W06 jumper 0402 | 0R | ~ | normal,-,- |
| R551 | 1430690 | Bottom | K | 6 | Chipres 0W06 jumper 0402 | 0R | ~ | normal,-,- |
| R709 | 1430690 | Bottom | E | 3 | Chipres 0W06 jumper 0402 | 0R | ~ | normal,-,- |
| R750 | 1430690 | Bottom | F | 6 | Chipres 0W06 jumper 0402 | 0R | ~ | normal,-,- |
| R802 | 1430690 | Bottom | E | 2 | Chipres 0W06 jumper 0402 | 0R | ~ | normal,-,- |
| R712 | 1430691 | Bottom | C | 7 | CHIPRES 0W06 2R2 J 0402 | 2R2 | ~ | normal,-5%,5% |
| R713 | 1430691 | Bottom | E | 7 | CHIPRES 0W06 2R2 J 0402 | 2R2 | ~ | normal,-5%,5% |
| R500 | 1430693 | Bottom | J | 2 | Chipres 0W06 5R6 J 0402 | 5R6 | ~ | normal,-5%,5% |
| R164 | 1430700 | Top | R | 6 | Resistor 5% 63mW | 10R | ~ | normal,-5%,5% |
| R165 | 1430700 | Top | R | 6 | Resistor 5% 63mW | 10R | ~ | normal,-5%,5% |
| R166 | 1430700 | Top | R | 6 | Resistor 5% 63mW | 10R | ~ | normal,-5%,5% |
| R167 | 1430700 | Top | R | 6 | Resistor 5% 63mW | 10R | ~ | normal,-5%,5% |
| R700 | 1430700 | Bottom | F | 6 | Resistor 5% 63mW | 10R | ~ | normal,-5%,5% |
| R701 | 1430700 | Bottom | C | 6 | Resistor 5% 63mW | 10R | ~ | normal,-5%,5% |
| R702 | 1430700 | Bottom | D | 5 | Resistor 5% 63mW | 10R | ~ | normal,-5%,5% |
| R800 | 1430700 | Bottom | E | 3 | Resistor 5% 63mW | 10R | ~ | normal,-5%,5% |
| R300 | 1430712 | Bottom | H | 7 | Resistor 5% 63mW | 27R | ~ | normal,-5%,5% |
| R703 | 1430714 | Bottom | D | 7 | Resistor 5% 63mW | 33R | ~ | normal,-5%,5% |
| R704 | 1430714 | Bottom | E | 7 | Resistor 5% 63mW | 33R | ~ | normal,-5%,5% |
| R100 | 1430726 | Top | T | 5 | Resistor 5% 63mW | 100R | ~ | normal,-5%,5% |
| R101 | 1430726 | Top | S | 5 | Resistor 5% 63mW | 100R | ~ | normal,-5%,5% |
| R102 | 1430726 | Top | T | 5 | Resistor 5% 63mW | 100R | ~ | normal,-5%,5% |
| R302 | 1430726 | Top | L | 3 | Resistor 5% 63mW | 100R | ~ | normal,-5%,5% |
| R420 | 1430726 | Top | M | 3 | Resistor 5% 63mW | 100R | ~ | normal,-5%,5% |
| R531 | 1430726 | Bottom | I | 5 | Resistor 5% 63mW | 100R | ~ | normal,-5%,5% |
| R541 | 1430726 | Bottom | J | 6 | Resistor 5% 63mW | 100R | ~ | normal,-5%,5% |
| R705 | 1430734 | Bottom | C | 5 | Resistor 5% 63mW | 220R | ~ | normal,-5%,5% |
| R801 | 1430738 | Bottom | E | 3 | Resistor 5% 63mW | 270R | ~ | normal,-5%,5% |
| R308 | 1430740 | Bottom | B | 6 | Resistor 5% 63mW | 330R | ~ | normal,-5%,5% |
| R309 | 1430740 | Bottom | B | 7 | Resistor 5% 63mW | 330R | ~ | normal,-5%,5% |
| R170 | 1430754 | Top | Q | 6 | Resistor 5% 63mW | 1k0 | ~ | normal,-5%,5% |
| R501 | 1430754 | Bottom | K | 2 | Resistor 5% 63mW | 1k0 | ~ | normal,-5%,5% |
| R540 | 1430754 | Bottom | I | 3 | Resistor 5% 63mW | 1k0 | ~ | normal,-5%,5% |
| R507 | 1430756 | Bottom | J | 5 | Resistor 5% 63mW | 1k2 | ~ | normal,-5%,5% |
| R710 | 1430756 | Bottom | E | 3 | Resistor 5% 63mW | 1k2 | ~ | normal,-5%,5% |
| R156 | 1430762 | Top | S | 5 | Resistor 5% 63mW | 2k2 | ~ | normal,-5%,5% |
| R519 | 1430762 | Bottom | L | 6 | Resistor 5% 63mW | 2k2 | ~ | normal,-5%,5% |
| R163 | 1430764 | Top | Q | 6 | Resistor 5% 63mW | 3k3 | ~ | normal,-5%,5% |
| R206 | 1430770 | Top | P | 5 | Resistor 5% 63mW | 4k7 | ~ | normal,-5%,5% |
| R207 | 1430770 | Top | P | 5 | Resistor 5% 63mW | 4k7 | ~ | normal,-5%,5% |
| R450 | 1430770 | Top | Q | 4 | Resistor 5% 63mW | 4k7 | ~ | normal,-5%,5% |
| R503 | 1430770 | Bottom | I | 5 | Resistor 5% 63mW | 4k7 | ~ | normal,-5%,5% |
| R505 | 1430770 | Bottom | I | 6 | Resistor 5% 63mW | 4k7 | ~ | normal,-5%,5% |
| R525 | 1430770 | Bottom | L | 4 | Resistor 5% 63mW | 4k7 | ~ | normal,-5%,5% |
| R708 | 1430770 | Bottom | C | 6 | Resistor 5% 63mW | 4k7 | ~ | normal,-5%,5% |
| R523 | 1430772 | Bottom | L | 4 | Resistor 5% 63mW | 5k6 | ~ | normal,-5%,5% |
| R520 | 1430774 | Bottom | L | 7 | Resistor 5% 63mW | 6k8 | ~ | normal,-5%,5% |
| R306 | 1430778 | Bottom | A | 5 | Resistor 5% 63mW | 10k | ~ | normal,-5%,5% |
| R359 | 1430778 | Bottom | O | 7 | Resistor 5% 63mW | 10k | ~ | normal,-5%,5% |
| R421 | 1430778 | Top | M | 4 | Resistor 5% 63mW | 10k | ~ | normal,-5%,5% |
| R423 | 1430778 | Top | M | 4 | Resistor 5% 63mW | 10k | ~ | normal,-5%,5% |
| R504 | 1430780 | Bottom | I | 5 | Resistor 5% 63mW | 12k | ~ | normal,-5%,5% |
| R522 | 1430784 | Bottom | L | 4 | Resistor 5% 63mW | 15k | ~ | normal,-5%,5% |
| R367 | 1430786 | Bottom | M | 7 | Resistor 5% 63mW | 18k | ~ | normal,-5%,5% |
| R357 | 1430792 | Bottom | O | 6 | Resistor 5% 63mW | 33k | ~ | normal,-5%,5% |

| Item | Component Code | Side | X | Y | Description | Value1 | Value2 | Value3 |
|------|----------------|--------|---|---|----------------------------------|---------|--------|-----------------|
| R369 | 1430792 | Bottom | M | 6 | Resistor 5% 63mW | 33k | ~ | normal,-5%,5% |
| R109 | 1430804 | Top | P | 6 | Resistor 5% 63mW | 100k | ~ | normal,-5%,5% |
| R111 | 1430804 | Top | S | 4 | Resistor 5% 63mW | 100k | ~ | normal,-5%,5% |
| R360 | 1430804 | Bottom | O | 7 | Resistor 5% 63mW | 100k | ~ | normal,-5%,5% |
| R104 | 1430812 | Top | S | 5 | Resistor 5% 63mW | 220k | ~ | normal,-5%,5% |
| R422 | 1430873 | Top | M | 5 | CHIPRES 0W06 27K F 0402 | 27k | ~ | normal,-1%,1% |
| R361 | 1620019 | Bottom | O | 6 | RES NETWORK 0W06 2X10K J 0404 | 2x10k | ~ | normal,-5%,5% |
| R808 | 1620031 | Bottom | D | 2 | RES NETWORK 0W06 2X1K0 J 0404 | 2x1k0 | ~ | normal,-5%,5% |
| R516 | 1620033 | Bottom | L | 5 | RES NETWORK 0W06 2X5K6 J 0404 | 2x5k6 | ~ | ~ |
| R517 | 1620033 | Bottom | L | 5 | RES NETWORK 0W06 2X5K6 J 0404 | 2x5k6 | ~ | ~ |
| R202 | 1620043 | Top | P | 5 | RES NETWORK 0W03 4X100K J 0804 | 4x100k | ~ | ~ |
| R524 | 1620063 | Bottom | K | 7 | RES NETWORK 0W06 4X100K J 0804 | 4x100R | ~ | normal,-5%,5% |
| R155 | 1620105 | Top | Q | 6 | RES NETWORK 0W06 2X2k2 J 0404 | 2x2k2 | ~ | ~ |
| R157 | 1620105 | Top | S | 5 | RES NETWORK 0W06 2X2k2 J 0404 | 2x2k2 | ~ | ~ |
| R105 | 1825033 | Top | R | 6 | CHIP VARISTOR VW14V VC46V 0402 | 14V/46V | ~ | - |
| R106 | 1825033 | Top | R | 6 | CHIP VARISTOR VW14V VC46V 0402 | 14V/46V | ~ | - |
| R107 | 1825033 | Top | R | 6 | CHIP VARISTOR VW14V VC46V 0402 | 14V/46V | ~ | - |
| R108 | 1825033 | Top | R | 7 | CHIP VARISTOR VW14V VC46V 0402 | 14V/46V | ~ | - |
| R151 | 1825033 | Top | B | 3 | CHIP VARISTOR VW14V VC46V 0402 | 14V/46V | ~ | - |
| R152 | 1825033 | Top | B | 3 | CHIP VARISTOR VW14V VC46V 0402 | 14V/46V | ~ | - |
| R158 | 1825033 | Top | R | 7 | CHIP VARISTOR VW14V VC46V 0402 | 14V/46V | ~ | - |
| R159 | 1825033 | Top | R | 7 | CHIP VARISTOR VW14V VC46V 0402 | 14V/46V | ~ | - |
| R161 | 1825033 | Bottom | G | 6 | CHIP VARISTOR VW14V VC46V 0402 | 14V/46V | ~ | - |
| R162 | 1825033 | Bottom | G | 6 | CHIP VARISTOR VW14V VC46V 0402 | 14V/46V | ~ | - |
| R304 | 1825133 | Bottom | G | 3 | CHIP VARISTOR VWM14V VC50V 0402 | 14V/50V | ~ | - |
| R305 | 1825133 | Bottom | A | 5 | CHIP VARISTOR VWM14V VC50V 0402 | 14V/50V | ~ | - |
| R307 | 1825133 | Top | L | 3 | CHIP VARISTOR VWM14V VC50V 0402 | 14V/50V | ~ | - |
| C703 | 2310045 | Bottom | C | 7 | CHIPCAP X5R 68N K 10V 0402 | 68n | 10V | normal,-10%,10% |
| C704 | 2310045 | Bottom | E | 7 | CHIPCAP X5R 68N K 10V 0402 | 68n | 10V | normal,-10%,10% |
| C350 | 2312243 | Bottom | B | 4 | CHIPCAP X5R 4U7 K 6V3 0805 | 4u7 | 6V3 | normal,-10%,10% |
| C725 | 2312243 | Bottom | E | 4 | CHIPCAP X5R 4U7 K 6V3 0805 | 4u7 | 6V3 | normal,-10%,10% |
| C545 | 2315017 | Bottom | K | 4 | CHIP ARRAY NP0 4X470P J 16V 0612 | 4x470p | 16V | normal,-5%,5% |
| C100 | 2315201 | Bottom | F | 3 | CHIP ARRAY NP0 2X27P K 25V 0405 | 2x27p | 25V | normal,-10%,10% |
| C104 | 2315201 | Top | S | 5 | CHIP ARRAY NP0 2X27P K 25V 0405 | 2x27p | 25V | normal,-10%,10% |
| C155 | 2315201 | Top | P | 6 | CHIP ARRAY NP0 2X27P K 25V 0405 | 2x27p | 25V | normal,-10%,10% |
| C157 | 2315201 | Top | S | 6 | CHIP ARRAY NP0 2X27P K 25V 0405 | 2x27p | 25V | normal,-10%,10% |
| C158 | 2315201 | Top | R | 6 | CHIP ARRAY NP0 2X27P K 25V 0405 | 2x27p | 25V | normal,-10%,10% |
| C159 | 2315201 | Top | Q | 7 | CHIP ARRAY NP0 2X27P K 25V 0405 | 2x27p | 25V | normal,-10%,10% |
| C151 | 2315205 | Top | R | 5 | CHIP ARRAY X5R 2X1N M 16V 0405 | 2x1n | 16V | normal,-10%,10% |
| C156 | 2315205 | Top | Q | 6 | CHIP ARRAY X5R 2X1N M 16V 0405 | 2x1n | 16V | normal,-10%,10% |
| C164 | 2315205 | Bottom | G | 6 | CHIP ARRAY X5R 2X1N M 16V 0405 | 2x1n | 16V | normal,-10%,10% |
| C153 | 2315209 | Top | R | 5 | CHIP ARRAY X5R 2X33N M 10V 0405 | 2x33n | 10V | normal,-20%,20% |
| C154 | 2315209 | Top | Q | 6 | CHIP ARRAY X5R 2X33N M 10V 0405 | 2x33n | 10V | normal,-20%,20% |
| C365 | 2315209 | Bottom | M | 6 | CHIP ARRAY X5R 2X33N M 10V 0405 | 2x33n | 10V | normal,-20%,20% |
| C363 | 2315261 | Bottom | M | 7 | CHIP ARRAY X5R 2X47N K 10V 0405 | 2x47n | 10V | normal,-10%,10% |
| C150 | 2316001 | Top | Q | 6 | CHIPCAP X5R 2U2 K 6V3 0603 | 2u2 | 6V3 | normal,-10%,10% |
| C303 | 2320125 | Bottom | H | 8 | CHIPCAP X5R 1U K 16V 0603 | 1u0 | 16V | normal,-10%,10% |
| C304 | 2320125 | Bottom | H | 8 | CHIPCAP X5R 1U K 16V 0603 | 1u0 | 16V | normal,-10%,10% |
| C305 | 2320125 | Bottom | G | 7 | CHIPCAP X5R 1U K 16V 0603 | 1u0 | 16V | normal,-10%,10% |
| C101 | 2320481 | Top | S | 5 | CHIPCAP X5R 1U K 6V3 0603 | 1u0 | 6.3V | normal,-10%,10% |
| C102 | 2320481 | Top | T | 5 | CHIPCAP X5R 1U K 6V3 0603 | 1u0 | 6.3V | normal,-10%,10% |
| C166 | 2320481 | Top | R | 6 | CHIPCAP X5R 1U K 6V3 0603 | 1u0 | 6.3V | normal,-10%,10% |
| C167 | 2320481 | Top | Q | 5 | CHIPCAP X5R 1U K 6V3 0603 | 1u0 | 6.3V | normal,-10%,10% |
| C201 | 2320481 | Top | M | 8 | CHIPCAP X5R 1U K 6V3 0603 | 1u0 | 6.3V | normal,-10%,10% |
| C203 | 2320481 | Top | P | 4 | CHIPCAP X5R 1U K 6V3 0603 | 1u0 | 6.3V | normal,-10%,10% |
| C204 | 2320481 | Top | N | 7 | CHIPCAP X5R 1U K 6V3 0603 | 1u0 | 6.3V | normal,-10%,10% |
| C205 | 2320481 | Top | O | 7 | CHIPCAP X5R 1U K 6V3 0603 | 1u0 | 6.3V | normal,-10%,10% |
| C206 | 2320481 | Top | O | 7 | CHIPCAP X5R 1U K 6V3 0603 | 1u0 | 6.3V | normal,-10%,10% |
| C207 | 2320481 | Top | P | 4 | CHIPCAP X5R 1U K 6V3 0603 | 1u0 | 6.3V | normal,-10%,10% |
| C208 | 2320481 | Top | N | 7 | CHIPCAP X5R 1U K 6V3 0603 | 1u0 | 6.3V | normal,-10%,10% |
| C211 | 2320481 | Top | P | 7 | CHIPCAP X5R 1U K 6V3 0603 | 1u0 | 6.3V | normal,-10%,10% |
| C212 | 2320481 | Top | O | 7 | CHIPCAP X5R 1U K 6V3 0603 | 1u0 | 6.3V | normal,-10%,10% |
| C213 | 2320481 | Top | O | 7 | CHIPCAP X5R 1U K 6V3 0603 | 1u0 | 6.3V | normal,-10%,10% |
| C214 | 2320481 | Top | P | 6 | CHIPCAP X5R 1U K 6V3 0603 | 1u0 | 6.3V | normal,-10%,10% |

| Item | Component Code | Side | X | Y | Description | Value1 | Value2 | Value3 |
|------|----------------|--------|---|---|-----------------------------|--------|--------|-----------------------|
| C215 | 2320481 | Top | P | 6 | CHIPCAP X5R 1U K 6V3 0603 | 1u0 | 6.3V | normal,-10%,10% |
| C219 | 2320481 | Top | M | 7 | CHIPCAP X5R 1U K 6V3 0603 | 1u0 | 6.3V | normal,-10%,10% |
| C221 | 2320481 | Top | N | 7 | CHIPCAP X5R 1U K 6V3 0603 | 1u0 | 6.3V | normal,-10%,10% |
| C222 | 2320481 | Top | M | 6 | CHIPCAP X5R 1U K 6V3 0603 | 1u0 | 6.3V | normal,-10%,10% |
| C223 | 2320481 | Top | L | 6 | CHIPCAP X5R 1U K 6V3 0603 | 1u0 | 6.3V | normal,-10%,10% |
| C224 | 2320481 | Top | L | 6 | CHIPCAP X5R 1U K 6V3 0603 | 1u0 | 6.3V | normal,-10%,10% |
| C225 | 2320481 | Top | M | 6 | CHIPCAP X5R 1U K 6V3 0603 | 1u0 | 6.3V | normal,-10%,10% |
| C226 | 2320481 | Top | M | 5 | CHIPCAP X5R 1U K 6V3 0603 | 1u0 | 6.3V | normal,-10%,10% |
| C227 | 2320481 | Top | L | 5 | CHIPCAP X5R 1U K 6V3 0603 | 1u0 | 6.3V | normal,-10%,10% |
| C228 | 2320481 | Top | M | 5 | CHIPCAP X5R 1U K 6V3 0603 | 1u0 | 6.3V | normal,-10%,10% |
| C229 | 2320481 | Top | M | 5 | CHIPCAP X5R 1U K 6V3 0603 | 1u0 | 6.3V | normal,-10%,10% |
| C230 | 2320481 | Top | L | 5 | CHIPCAP X5R 1U K 6V3 0603 | 1u0 | 6.3V | normal,-10%,10% |
| C231 | 2320481 | Top | M | 5 | CHIPCAP X5R 1U K 6V3 0603 | 1u0 | 6.3V | normal,-10%,10% |
| C232 | 2320481 | Top | M | 5 | CHIPCAP X5R 1U K 6V3 0603 | 1u0 | 6.3V | normal,-10%,10% |
| C233 | 2320481 | Top | M | 6 | CHIPCAP X5R 1U K 6V3 0603 | 1u0 | 6.3V | normal,-10%,10% |
| C234 | 2320481 | Top | M | 5 | CHIPCAP X5R 1U K 6V3 0603 | 1u0 | 6.3V | normal,-10%,10% |
| C235 | 2320481 | Top | P | 7 | CHIPCAP X5R 1U K 6V3 0603 | 1u0 | 6.3V | normal,-10%,10% |
| C243 | 2320481 | Top | Q | 5 | CHIPCAP X5R 1U K 6V3 0603 | 1u0 | 6.3V | normal,-10%,10% |
| C260 | 2320481 | Top | M | 6 | CHIPCAP X5R 1U K 6V3 0603 | 1u0 | 6.3V | normal,-10%,10% |
| C261 | 2320481 | Top | O | 7 | CHIPCAP X5R 1U K 6V3 0603 | 1u0 | 6.3V | normal,-10%,10% |
| C262 | 2320481 | Top | M | 6 | CHIPCAP X5R 1U K 6V3 0603 | 1u0 | 6.3V | normal,-10%,10% |
| C263 | 2320481 | Top | M | 6 | CHIPCAP X5R 1U K 6V3 0603 | 1u0 | 6.3V | normal,-10%,10% |
| C264 | 2320481 | Top | N | 7 | CHIPCAP X5R 1U K 6V3 0603 | 1u0 | 6.3V | normal,-10%,10% |
| C265 | 2320481 | Top | Q | 5 | CHIPCAP X5R 1U K 6V3 0603 | 1u0 | 6.3V | normal,-10%,10% |
| C372 | 2320481 | Bottom | N | 7 | CHIPCAP X5R 1U K 6V3 0603 | 1u0 | 6.3V | normal,-10%,10% |
| C540 | 2320491 | Bottom | L | 7 | CHIPCAP X7R 220N K 10V 0603 | 220n | 10V | normal,-10%,10% |
| C502 | 2320508 | Bottom | L | 3 | Chipcap +-0.25pF NP0 | 1p0 | 50V | normal,-0.25pF,0.25pF |
| C708 | 2320508 | Bottom | J | 5 | Chipcap +-0.25pF NP0 | 1p0 | 50V | normal,-0.25pF,0.25pF |
| C829 | 2320516 | Bottom | F | 3 | Chipcap +-0.25pF NP0 | 1p5 | 50V | normal,-0.25pF,0.25pF |
| C830 | 2320516 | Bottom | I | 3 | Chipcap +-0.25pF NP0 | 1p5 | 50V | normal,-0.25pF,0.25pF |
| C508 | 2320518 | Bottom | I | 6 | Chipcap +-0.25pF NP0 | 1p8 | 50V | normal,-0.25pF,0.25pF |
| C509 | 2320518 | Bottom | I | 5 | Chipcap +-0.25pF NP0 | 1p8 | 50V | normal,-0.25pF,0.25pF |
| C707 | 2320518 | Bottom | C | 7 | Chipcap +-0.25pF NP0 | 1p8 | 50V | normal,-0.25pF,0.25pF |
| C711 | 2320522 | Bottom | F | 7 | Chipcap +-0.25pF NP0 | 2p7 | 50V | normal,-0.25pF,0.25pF |
| C836 | 2320522 | Bottom | C | 2 | Chipcap +-0.25pF NP0 | 2p7 | 50V | normal,-0.25pF,0.25pF |
| C837 | 2320522 | Bottom | D | 2 | Chipcap +-0.25pF NP0 | 2p7 | 50V | normal,-0.25pF,0.25pF |
| C107 | 2320536 | Top | R | 7 | Chipcap 5% NP0 | 10p | 50V | normal,-5%,5% |
| C108 | 2320536 | Top | S | 7 | Chipcap 5% NP0 | 10p | 50V | normal,-5%,5% |
| C109 | 2320536 | Top | S | 7 | Chipcap 5% NP0 | 10p | 50V | normal,-5%,5% |
| C117 | 2320536 | Top | S | 7 | Chipcap 5% NP0 | 10p | 50V | normal,-5%,5% |
| C171 | 2320536 | Top | Q | 7 | Chipcap 5% NP0 | 10p | 50V | normal,-5%,5% |
| C209 | 2320536 | Top | P | 7 | Chipcap 5% NP0 | 10p | 50V | normal,-5%,5% |
| C210 | 2320536 | Top | Q | 7 | Chipcap 5% NP0 | 10p | 50V | normal,-5%,5% |
| C542 | 2320536 | Bottom | L | 6 | Chipcap 5% NP0 | 10p | 50V | normal,-5%,5% |
| C553 | 2320536 | Bottom | L | 5 | Chipcap 5% NP0 | 10p | 50V | normal,-5%,5% |
| C560 | 2320536 | Bottom | K | 3 | Chipcap 5% NP0 | 10p | 50V | normal,-5%,5% |
| C574 | 2320536 | Bottom | K | 7 | Chipcap 5% NP0 | 10p | 50V | normal,-5%,5% |
| C826 | 2320536 | Bottom | E | 2 | Chipcap 5% NP0 | 10p | 50V | normal,-5%,5% |
| C832 | 2320536 | Bottom | J | 4 | Chipcap 5% NP0 | 10p | 50V | normal,-5%,5% |
| C833 | 2320536 | Bottom | J | 4 | Chipcap 5% NP0 | 10p | 50V | normal,-5%,5% |
| C719 | 2320538 | Bottom | D | 7 | Chipcap 5% NP0 | 12p | 50V | normal,-5%,5% |
| C720 | 2320538 | Bottom | E | 4 | Chipcap 5% NP0 | 12p | 50V | normal,-5%,5% |
| C805 | 2320538 | Bottom | D | 3 | Chipcap 5% NP0 | 12p | 50V | normal,-5%,5% |
| C806 | 2320538 | Bottom | D | 4 | Chipcap 5% NP0 | 12p | 50V | normal,-5%,5% |
| C709 | 2320540 | Bottom | F | 8 | Chipcap 5% NP0 | 15p | 50V | normal,-5%,5% |
| C710 | 2320540 | Bottom | F | 8 | Chipcap 5% NP0 | 15p | 50V | normal,-5%,5% |
| C723 | 2320540 | Bottom | F | 5 | Chipcap 5% NP0 | 15p | 50V | normal,-5%,5% |
| C828 | 2320540 | Bottom | E | 3 | Chipcap 5% NP0 | 15p | 50V | normal,-5%,5% |
| C838 | 2320540 | Bottom | D | 3 | Chipcap 5% NP0 | 15p | 50V | normal,-5%,5% |
| C839 | 2320540 | Bottom | C | 3 | Chipcap 5% NP0 | 15p | 50V | normal,-5%,5% |
| C110 | 2320544 | Top | R | 5 | Chipcap 5% NP0 | 22p | 50V | normal,-5%,5% |
| C310 | 2320544 | Bottom | A | 5 | Chipcap 5% NP0 | 22p | 50V | normal,-5%,5% |
| C351 | 2320544 | Bottom | A | 4 | Chipcap 5% NP0 | 22p | 50V | normal,-5%,5% |
| C570 | 2320544 | Bottom | J | 6 | Chipcap 5% NP0 | 22p | 50V | normal,-5%,5% |

| <u>Item</u> | <u>Component Code</u> | <u>Side</u> | <u>X</u> | <u>Y</u> | <u>Description</u> | <u>Value1</u> | <u>Value2</u> | <u>Value3</u> |
|-------------|-----------------------|-------------|----------|----------|-----------------------------|---------------|---------------|---------------------|
| C378 | 2320546 | Bottom | N | 8 | Chipcap 5% NP0 | 27p | 50V | normal,-5%,5% |
| C531 | 2320546 | Bottom | C | 5 | Chipcap 5% NP0 | 27p | 50V | normal,-5%,5% |
| C551 | 2320546 | Bottom | K | 6 | Chipcap 5% NP0 | 27p | 50V | normal,-5%,5% |
| C705 | 2320546 | Bottom | D | 7 | Chipcap 5% NP0 | 27p | 50V | normal,-5%,5% |
| C706 | 2320546 | Bottom | D | 8 | Chipcap 5% NP0 | 27p | 50V | normal,-5%,5% |
| C726 | 2320546 | Bottom | F | 4 | Chipcap 5% NP0 | 27p | 50V | normal,-5%,5% |
| C379 | 2320552 | Bottom | O | 7 | Chipcap 5% NP0 | 47p | 50V | normal,-5%,5% |
| C535 | 2320552 | Bottom | L | 5 | Chipcap 5% NP0 | 47p | 50V | normal,-5%,5% |
| C536 | 2320552 | Bottom | L | 5 | Chipcap 5% NP0 | 47p | 50V | normal,-5%,5% |
| C831 | 2320552 | Bottom | C | 4 | Chipcap 5% NP0 | 47p | 50V | normal,-5%,5% |
| C520 | 2320554 | Bottom | K | 6 | Chipcap 5% NP0 | 56p | 50V | normal,-5%,5% |
| C533 | 2320554 | Bottom | I | 5 | Chipcap 5% NP0 | 56p | 50V | normal,-5%,5% |
| C715 | 2320554 | Bottom | F | 6 | Chipcap 5% NP0 | 56p | 50V | normal,-5%,5% |
| C718 | 2320554 | Bottom | C | 5 | Chipcap 5% NP0 | 56p | 50V | normal,-5%,5% |
| C721 | 2320554 | Bottom | D | 7 | Chipcap 5% NP0 | 56p | 50V | normal,-5%,5% |
| C729 | 2320554 | Bottom | C | 5 | Chipcap 5% NP0 | 56p | 50V | normal,-5%,5% |
| C804 | 2320554 | Bottom | C | 4 | Chipcap 5% NP0 | 56p | 50V | normal,-5%,5% |
| C302 | 2320556 | Bottom | G | 6 | Chipcap 5% NP0 | 68p | 50V | normal,-5%,5% |
| C543 | 2320558 | Bottom | L | 4 | Chipcap 5% NP0 | 82p | 50V | normal,-5%,5% |
| C367 | 2320560 | Bottom | O | 8 | Chipcap 5% NP0 | 100p | 50V | normal,-5%,5% |
| C420 | 2320560 | Top | M | 3 | Chipcap 5% NP0 | 100p | 50V | normal,-5%,5% |
| C421 | 2320560 | Top | M | 4 | Chipcap 5% NP0 | 100p | 50V | normal,-5%,5% |
| C422 | 2320560 | Top | M | 4 | Chipcap 5% NP0 | 100p | 50V | normal,-5%,5% |
| C511 | 2320560 | Bottom | F | 2 | Chipcap 5% NP0 | 100p | 50V | normal,-5%,5% |
| C537 | 2320560 | Bottom | L | 6 | Chipcap 5% NP0 | 100p | 50V | normal,-5%,5% |
| C571 | 2320560 | Bottom | I | 5 | Chipcap 5% NP0 | 100p | 50V | normal,-5%,5% |
| C572 | 2320560 | Bottom | I | 4 | Chipcap 5% NP0 | 100p | 50V | normal,-5%,5% |
| C573 | 2320560 | Bottom | I | 5 | Chipcap 5% NP0 | 100p | 50V | normal,-5%,5% |
| C722 | 2320560 | Bottom | D | 4 | Chipcap 5% NP0 | 100p | 50V | normal,-5%,5% |
| C728 | 2320560 | Bottom | D | 7 | Chipcap 5% NP0 | 100p | 50V | normal,-5%,5% |
| C807 | 2320560 | Bottom | I | 4 | Chipcap 5% NP0 | 100p | 50V | normal,-5%,5% |
| C808 | 2320560 | Bottom | I | 4 | Chipcap 5% NP0 | 100p | 50V | normal,-5%,5% |
| C503 | 2320564 | Bottom | K | 2 | Chipcap 5% NP0 | 150p | 50V | normal,-5%,5% |
| C700 | 2320584 | Bottom | F | 6 | Chipcap 5% X7R | 1n0 | 50V | normal,-5%,5% |
| C701 | 2320584 | Bottom | C | 6 | Chipcap 5% X7R | 1n0 | 50V | normal,-5%,5% |
| C702 | 2320584 | Bottom | D | 5 | Chipcap 5% X7R | 1n0 | 50V | normal,-5%,5% |
| C713 | 2320584 | Bottom | C | 7 | Chipcap 5% X7R | 1n0 | 50V | normal,-5%,5% |
| C714 | 2320584 | Bottom | E | 7 | Chipcap 5% X7R | 1n0 | 50V | normal,-5%,5% |
| C500 | 2320598 | Bottom | J | 6 | Chipcap 5% X7R | 3n9 | 50V | normal,-5%,5% |
| C523 | 2320598 | Bottom | J | 6 | Chipcap 5% X7R | 3n9 | 50V | normal,-5%,5% |
| C522 | 2320604 | Bottom | J | 6 | Chipcap 5% NP0 | 18p | 50V | normal,-5%,5% |
| C532 | 2320604 | Bottom | I | 5 | Chipcap 5% NP0 | 18p | 50V | normal,-5%,5% |
| C799 | 2320621 | Bottom | C | 8 | CHIPCAP NP0 0P5 C 50V 0402 | 0p5 | 50V | normal,-0.25p,0.25p |
| C550 | 2320633 | Bottom | K | 6 | CHIPCAP NP0 220P J 25V 0402 | 220p | 25V | normal,-5%,5% |
| C106 | 2320744 | Top | R | 5 | Chipcap X7R 10% 50V 0402 | 1n0 | 50V | normal,-10%,10% |
| C241 | 2320744 | Top | Q | 5 | Chipcap X7R 10% 50V 0402 | 1n0 | 50V | normal,-10%,10% |
| C242 | 2320744 | Top | Q | 5 | Chipcap X7R 10% 50V 0402 | 1n0 | 50V | normal,-20%,20% |
| C361 | 2320744 | Bottom | N | 6 | Chipcap X7R 10% 50V 0402 | 1n0 | 50V | normal,-20%,20% |
| C374 | 2320744 | Bottom | N | 6 | Chipcap X7R 10% 50V 0402 | 1n0 | 50V | normal,-10%,10% |
| C501 | 2320744 | Bottom | K | 2 | Chipcap X7R 10% 50V 0402 | 1n0 | 50V | normal,-10%,10% |
| C534 | 2320744 | Bottom | P | 6 | Chipcap X7R 10% 50V 0402 | 1n0 | 50V | normal,-10%,10% |
| C538 | 2320744 | Bottom | L | 5 | Chipcap X7R 10% 50V 0402 | 1n0 | 50V | normal,-10%,10% |
| C730 | 2320744 | Bottom | H | 5 | Chipcap X7R 10% 50V 0402 | 1n0 | 50V | normal,-10%,10% |
| C375 | 2320752 | Bottom | N | 6 | Chipcap X7R 10% 50V 0402 | 2n2 | 50V | normal,-10%,10% |
| C115 | 2320756 | Top | R | 7 | Chipcap X7R 10% 50V 0402 | 3n3 | 50V | normal,-10%,10% |
| C116 | 2320756 | Top | R | 7 | Chipcap X7R 10% 50V 0402 | 3n3 | 50V | normal,-10%,10% |
| C370 | 2320760 | Bottom | O | 8 | Chipcap X7R 10% 25V 0402 | 4n7 | 25V | normal,-10%,10% |
| C112 | 2320778 | Top | T | 4 | Chipcap X7R 10% 16V 0402 | 10n | 16V | normal,-10%,10% |
| C113 | 2320778 | Top | R | 6 | Chipcap X7R 10% 16V 0402 | 10n | 16V | normal,-10%,10% |
| C114 | 2320778 | Top | S | 6 | Chipcap X7R 10% 16V 0402 | 10n | 16V | normal,-10%,10% |
| C118 | 2320778 | Top | R | 7 | Chipcap X7R 10% 16V 0402 | 10n | 16V | normal,-10%,10% |
| C119 | 2320778 | Top | S | 6 | Chipcap X7R 10% 16V 0402 | 10n | 16V | normal,-10%,10% |
| C202 | 2320778 | Top | M | 8 | Chipcap X7R 10% 16V 0402 | 10n | 16V | normal,-10%,10% |
| C220 | 2320778 | Top | Q | 5 | Chipcap X7R 10% 16V 0402 | 10n | 16V | normal,-10%,10% |

| Item | Component Code | Side | X | Y | Description | Value1 | Value2 | Value3 |
|------|----------------|--------|---|---|-----------------------------------|----------------|--------|-------------------|
| C240 | 2320778 | Top | Q | 5 | Chipcap X7R 10% 16V 0402 | 10n | 16V | normal,-10%,10% |
| C306 | 2320778 | Bottom | S | 5 | Chipcap X7R 10% 16V 0402 | 10n | 16V | normal,-10%,10% |
| C357 | 2320778 | Bottom | O | 7 | Chipcap X7R 10% 16V 0402 | 10n | 16V | normal,-10%,10% |
| C362 | 2320778 | Bottom | O | 7 | Chipcap X7R 10% 16V 0402 | 10n | 16V | normal,-10%,10% |
| C371 | 2320778 | Bottom | N | 8 | Chipcap X7R 10% 16V 0402 | 10n | 16V | normal,-10%,10% |
| C400 | 2320778 | Top | P | 3 | Chipcap X7R 10% 16V 0402 | 10n | 16V | normal,-10%,10% |
| C402 | 2320778 | Top | M | 4 | Chipcap X7R 10% 16V 0402 | 10n | 16V | normal,-10%,10% |
| C403 | 2320778 | Top | M | 2 | Chipcap X7R 10% 16V 0402 | 10n | 16V | normal,-10%,10% |
| C404 | 2320778 | Top | P | 3 | Chipcap X7R 10% 16V 0402 | 10n | 16V | normal,-10%,10% |
| C405 | 2320778 | Top | M | 3 | Chipcap X7R 10% 16V 0402 | 10n | 16V | normal,-10%,10% |
| C450 | 2320778 | Top | S | 2 | Chipcap X7R 10% 16V 0402 | 10n | 16V | normal,-10%,10% |
| C554 | 2320778 | Bottom | J | 4 | Chipcap X7R 10% 16V 0402 | 10n | 16V | normal,-10%,10% |
| C724 | 2320778 | Bottom | D | 4 | Chipcap X7R 10% 16V 0402 | 10n | 16V | normal,-10%,10% |
| C454 | 2320779 | Top | Q | 4 | CHIPCAP X7R 100N K 16V 0603 | 100n | 16V | normal,-10%,10% |
| C358 | 2320785 | Bottom | O | 7 | chipcap x7r 47n k 10v 0402 | 47n | 10V | normal,-10%,10% |
| C366 | 2320785 | Bottom | M | 7 | chipcap x7r 47n k 10v 0402 | 47n | 10V | normal,-20%,20% |
| C152 | 2320805 | Top | S | 5 | CHIPCAP X5R 100N K 10V 0402 | 100n | 10V | normal,-10%,10% |
| C160 | 2320805 | Top | R | 6 | CHIPCAP X5R 100N K 10V 0402 | 100n | 10V | normal,-10%,10% |
| C161 | 2320805 | Top | Q | 6 | CHIPCAP X5R 100N K 10V 0402 | 100n | 10V | normal,-10%,10% |
| C162 | 2320805 | Top | Q | 7 | CHIPCAP X5R 100N K 10V 0402 | 100n | 10V | normal,-10%,10% |
| C163 | 2320805 | Top | R | 7 | CHIPCAP X5R 100N K 10V 0402 | 100n | 10V | normal,-10%,10% |
| C165 | 2320805 | Top | Q | 7 | CHIPCAP X5R 100N K 10V 0402 | 100n | 10V | normal,-10%,10% |
| C168 | 2320805 | Bottom | P | 6 | CHIPCAP X5R 100N K 10V 0402 | 100n | 10V | normal,-10%,10% |
| C169 | 2320805 | Top | R | 5 | CHIPCAP X5R 100N K 10V 0402 | 100n | 10V | normal,-10%,10% |
| C170 | 2320805 | Top | Q | 6 | CHIPCAP X5R 100N K 10V 0402 | 100n | 10V | normal,-10%,10% |
| C200 | 2320805 | Top | N | 7 | CHIPCAP X5R 100N K 10V 0402 | 100n | 10V | normal,-10%,10% |
| C218 | 2320805 | Top | P | 5 | CHIPCAP X5R 100N K 10V 0402 | 100n | 10V | normal,-10%,10% |
| C236 | 2320805 | Top | M | 4 | CHIPCAP X5R 100N K 10V 0402 | 100n | 10V | normal,-10%,10% |
| C237 | 2320805 | Top | M | 4 | CHIPCAP X5R 100N K 10V 0402 | 100n | 10V | normal,-10%,10% |
| C238 | 2320805 | Top | N | 7 | CHIPCAP X5R 100N K 10V 0402 | 100n | 10V | normal,-10%,10% |
| C239 | 2320805 | Top | Q | 5 | CHIPCAP X5R 100N K 10V 0402 | 100n | 10V | normal,-10%,10% |
| C352 | 2320805 | Bottom | A | 4 | CHIPCAP X5R 100N K 10V 0402 | 100n | 10V | normal,-10%,10% |
| C353 | 2320805 | Bottom | B | 3 | CHIPCAP X5R 100N K 10V 0402 | 100n | 10V | normal,-10%,10% |
| C359 | 2320805 | Bottom | O | 6 | CHIPCAP X5R 100N K 10V 0402 | 100n | 10V | normal,-10%,10% |
| C390 | 2320805 | Bottom | S | 2 | CHIPCAP X5R 100N K 10V 0402 | 100n | 10V | normal,-10%,10% |
| C401 | 2320805 | Top | P | 4 | CHIPCAP X5R 100N K 10V 0402 | 100n | 10V | normal,-10%,10% |
| C451 | 2320805 | Top | P | 3 | CHIPCAP X5R 100N K 10V 0402 | 100n | 10V | normal,-10%,10% |
| C549 | 2320805 | Bottom | K | 4 | CHIPCAP X5R 100N K 10V 0402 | 100n | 10V | normal,-10%,10% |
| C552 | 2320805 | Bottom | L | 5 | CHIPCAP X5R 100N K 10V 0402 | 100n | 10V | normal,-10%,10% |
| C555 | 2320805 | Bottom | K | 3 | CHIPCAP X5R 100N K 10V 0402 | 100n | 10V | normal,-10%,10% |
| C827 | 2320805 | Bottom | E | 3 | CHIPCAP X5R 100N K 10V 0402 | 100n | 10V | normal,-10%,10% |
| C568 | 2320907 | Bottom | K | 6 | CHIPCAP NP0 HQ 0P7 B 16V 0402 | 0p7 | 16V | normal,-0.1p.0.1p |
| C364 | 2321007 | Bottom | N | 6 | CERCAP X7R 22N K 16V 0402 | 22n | 16V | normal,-10%,10% |
| C373 | 2321007 | Bottom | M | 6 | CERCAP X7R 22N K 16V 0402 | 22n | 16V | normal,-10%,10% |
| C103 | 2321013 | Top | P | 6 | CHIPCAP NP0 270P J 25V 0402 | 270p | 25V | normal,-5%,5% |
| C505 | 2321013 | Bottom | J | 2 | CHIPCAP NP0 270P J 25V 0402 | 270p | 25V | normal,-5%,5% |
| C504 | 2322023 | Bottom | J | 2 | CHIPCAP NP0 2N2 J 16V 0603 | 2n2 | 16V | normal,-5%,5% |
| C507 | 2322023 | Bottom | I | 5 | CHIPCAP NP0 2N2 J 16V 0603 | 2n2 | 16V | normal,-5%,5% |
| C512 | 2322023 | Bottom | J | 6 | CHIPCAP NP0 2N2 J 16V 0603 | 2n2 | 16V | normal,-5%,5% |
| C513 | 2322023 | Bottom | I | 6 | CHIPCAP NP0 2N2 J 16V 0603 | 2n2 | 16V | normal,-5%,5% |
| C727 | 2611745 | Bottom | H | 6 | CHIPTCAP 150U M 10V 7.3X4.3X2.0 | 150u_10V | 10V | normal,-20%,20% |
| L101 | 3203725 | Top | S | 5 | FERRITE BEAD 0R6 600R/100M 0402 | 600R/100MHz | ~ | ~ |
| L106 | 3203725 | Top | T | 5 | FERRITE BEAD 0R6 600R/100M 0402 | 600R/100MHz | ~ | ~ |
| L511 | 3203725 | Bottom | K | 7 | FERRITE BEAD 0R6 600R/100M 0402 | 600R/100MHz | ~ | normal,-,- |
| L107 | 3203741 | Top | T | 5 | FERRITE BEAD 0R5 600R/100MHZ 0603 | 600R/100MHz | ~ | ~ |
| L260 | 3203741 | Top | M | 7 | FERRITE BEAD 0R5 600R/100MHZ 0603 | 600R/100MHz | ~ | ~ |
| L261 | 3203741 | Top | O | 8 | FERRITE BEAD 0R5 600R/100MHZ 0603 | 600R/100MHz | ~ | ~ |
| L262 | 3203741 | Top | M | 7 | FERRITE BEAD 0R5 600R/100MHZ 0603 | 600R/100MHz | ~ | ~ |
| L263 | 3203741 | Top | M | 7 | FERRITE BEAD 0R5 600R/100MHZ 0603 | 600R/100MHz | ~ | ~ |
| L264 | 3203741 | Top | M | 7 | FERRITE BEAD 0R5 600R/100MHZ 0603 | 600R/100MHz | ~ | ~ |
| L265 | 3203741 | Top | Q | 5 | FERRITE BEAD 0R5 600R/100MHZ 0603 | 600R/100MHz | ~ | ~ |
| L100 | 3203743 | Top | R | 5 | FERR.BEAD 0R03 42R/100MHZ 3A 0805 | 42R/100MHz | ~ | ~ |
| L703 | 3203743 | Bottom | E | 4 | FERR.BEAD 0R03 42R/100MHZ 3A 0805 | 42R/100MHz | ~ | ~ |
| L102 | 3203803 | Top | R | 7 | CHIP BEAD ARRAY 2X1000R 0405 | 2x1000R/100MHz | ~ | - |

| <u>Item</u> | <u>Component Code</u> | <u>Side</u> | <u>X</u> | <u>Y</u> | <u>Description</u> | <u>Value1</u> | <u>Value2</u> | <u>Value3</u> |
|-------------|-----------------------|-------------|----------|----------|---------------------------------------|----------------|---------------|-------------------|
| L103 | 3203803 | Top | S | 6 | CHIP BEAD ARRAY 2X1000R 0405 | 2x1000R/100MHz | ~ | - |
| L104 | 3203803 | Top | S | 6 | CHIP BEAD ARRAY 2X1000R 0405 | 2x1000R/100MHz | ~ | - |
| L150 | 3203803 | Top | A | 3 | CHIP BEAD ARRAY 2X1000R 0405 | 2x1000R/100MHz | ~ | - |
| L506 | 3607004 | Bottom | L | 6 | CHIP COIL 1U0 K Q55/100MHZ 0805 | 1uH | ~ | normal,-10%,+10% |
| L300 | 3640119 | Bottom | G | 8 | CHOKE 22U M 1R4 0.33A 3.3X3.3X1.5 | 22uH | ~ | normal,-20%,20% |
| Z802 | 3640427 | Bottom | F | 3 | BALUN TRANS 1.9GHZ+/-100MHZ 1206 | ~ | ~ | ~ |
| L105 | 3645011 | Top | S | 7 | CHIP COIL 68NH J Q12/100MHZ 0603 | 68nH | ~ | normal,-5%,+5% |
| L358 | 3645233 | Bottom | N | 7 | CHIP COIL 120N G Q32/150MHZ 0603 | 120nH | ~ | normal,-2%,2% |
| L151 | 3645349 | Bottom | G | 5 | CHIP COIL 33NH G Q40/250MHZ 0603 | 33nH | ~ | normal,-2%,2% |
| L152 | 3645349 | Bottom | G | 6 | CHIP COIL 33NH G Q40/250MHZ 0603 | 33nH | ~ | normal,-2%,2% |
| L356 | 3645349 | Bottom | O | 7 | CHIP COIL 33NH G Q40/250MHZ 0603 | 33nH | ~ | normal,-2%,2% |
| L357 | 3645349 | Bottom | P | 7 | CHIP COIL 33NH G Q40/250MHZ 0603 | 33nH | ~ | normal,-2%,2% |
| L510 | 3646001 | Bottom | L | 5 | CHIP COIL 3N3 +-0N3 Q7/100M 0402 | 3n3H | ~ | normal,-0n3,0n3 |
| L805 | 3646009 | Bottom | J | 4 | CHIP COIL 10N J Q30/800M 0402 | 10nH | ~ | normal,-5%,5% |
| L500 | 3646011 | Bottom | K | 6 | CHIP COIL 4N7 +-0N3 Q7/100M 0402 | 4n7H | ~ | normal,-0n3,0n3 |
| L501 | 3646011 | Bottom | J | 6 | CHIP COIL 4N7 +-0N3 Q7/100M 0402 | 4n7H | ~ | normal,-0n3,0n3 |
| L822 | 3646015 | Bottom | I | 4 | CHIP COIL 8N2 J Q7/100M 0402 | 8n2H | ~ | normal,-5%,+5% |
| L701 | 3646021 | Bottom | C | 8 | CHIP COIL 22N J Q7/100MHZ 0402 | 22nH | ~ | normal,-5%,+5% |
| L800 | 3646047 | Bottom | E | 3 | CHIP COIL 3N3 +-0N3 Q28/800M 0402 | 3n3H | ~ | normal,-0n3,+0n3% |
| L824 | 3646047 | Bottom | E | 2 | CHIP COIL 3N3 +-0N3 Q28/800M 0402 | 3n3H | ~ | normal,-0n3,+0n3% |
| L702 | 3646053 | Bottom | F | 6 | CHIP COIL 4N7 +-0N3 Q28/800M 0402 | 4n7H | ~ | normal,-0n3,+0n3 |
| L809 | 3646065 | Bottom | J | 3 | CHIP COIL 12N J Q31/800M 0402 | 12nH | ~ | normal,-5%,5% |
| L810 | 3646065 | Bottom | J | 4 | CHIP COIL 12N J Q31/800M 0402 | 12nH | ~ | normal,-5%,5% |
| L700 | 3646069 | Bottom | D | 8 | CHIP COIL 33N J Q23/800M 0402 | 33nH | ~ | normal,-5%,5% |
| L803 | 3646079 | Bottom | C | 3 | CHIP COIL 47N J Q23/800M 0402 | 47nH | ~ | normal,-5%,5% |
| L826 | 3646101 | Bottom | F | 4 | CHIP COIL 3N9 +-0N3 Q7/100M 0402 | 3n9H | ~ | normal,-0n3,0n3 |
| L821 | 3646121 | Bottom | C | 3 | CHIP COIL 10N G Q25/1GHZ 0402 | 10nH | ~ | normal,-2%,+2% |
| V300 | 4110475 | Bottom | H | 8 | SCH DI RB521S-30 200MA 35V SOD523 | ~ | ~ | ~ |
| V356 | 4110965 | Bottom | O | 7 | CAP.DI BB202 CT=2.5 FM 0R8 SOD523 | ~ | ~ | ~ |
| V357 | 4110965 | Bottom | O | 7 | CAP.DI BB202 CT=2.5 FM 0R8 SOD523 | ~ | ~ | ~ |
| V100 | 4113721 | Top | R | 5 | TVS DI 1PMT16AT3 16V 175W PWRMITE | ~ | ~ | ~ |
| R103 | 4120011 | Top | T | 5 | ZDIX4 IP4043CX5 CA 14V2 10W CSP5 | ~ | ~ | ~ |
| Z300 | 4120031 | Top | M | 2 | EMI/ESD FILT EMIF10-1K010F1 BGA24 | ~ | ~ | ~ |
| R388 | 4120071 | Top | Q | 4 | ASIP EMIF03-SIM01 SIM FILTER BGA8 | ~ | ~ | ~ |
| V802 | 4210261 | Bottom | E | 2 | TR BGA428 LNA1.8GHZ 19.5DB SOT363 | ~ | ~ | ~ |
| V801 | 4219903 | Bottom | C | 2 | TRX2 BFM505 N 20V 18MA 9GHZ SOT363 | ~ | ~ | ~ |
| N100 | 4341063 | Top | S | 4 | REG 2.8V/150MA LP3985 SOT23-5 | ~ | 2.8V | ~ |
| N300 | 4341309 | Bottom | G | 7 | DC/DC CONV 350MA TK11851 SSOP8 | ~ | ~ | ~ |
| N150 | 4341417 | Top | R | 6 | AF AMP 85MW 5V LM4855ITLX USMD18 | ~ | ~ | ~ |
| N356 | 4341427 | Bottom | N | 7 | FM RECEIVER TEA5767HN LQFP40 | ~ | ~ | ~ |
| D450 | 4341531 | Top | Q | 3 | COMBO 64M NOR+4M SRAM TBGA48 | 4Mx16/256kx16 | ~ | ~ |
| G502 | 4350391 | Bottom | K | 2 | VCO 3290-3980MHZ 2.7V 20MA | 3290-3980MHZ | ~ | ~ |
| N700 | 4350411 | Bottom | D | 6 | PW AMP MODULE GSM850/1800/1900 | ~ | ~ | ~ |
| D200 | 4370825 | Top | O | 5 | UEMK 4.4 W-DOG ENA TO21 TFBGA168 | ~ | ~ | ~ |
| D400 | 4370935 | Top | O | 3 | UPP8M V3.01 F751542A C035 UBGA144 | ~ | ~ | ~ |
| N500 | 4370949 | Bottom | K | 5 | HELGO73A TFBGA108 | ~ | ~ | ~ |
| B200 | 4510219 | Top | Q | 7 | CRYSTAL 32.768KHZ+-30PPM 9PF | 32.768kHz | ~ | ~ |
| G501 | 4510349 | Bottom | L | 7 | VCTCXO 26MHZ+-10PPM 2.7V 1.5MA | 26MHz | ~ | ~ |
| Z806 | 4511339 | Bottom | D | 2 | SAW FILT 1960+-30MHZ/2.7DB 2X2.5 | 1960MHz | ~ | ~ |
| Z700 | 4511403 | Bottom | C | 8 | SAW FILT 836+-12.5MHZ 2.7DB 2.5X2 | 824-849MHz | ~ | ~ |
| T500 | 4550187 | Bottom | L | 4 | TRANSF BALUN 3600MHZ+-400MHZ | ~ | ~ | ~ |
| T700 | 4550223 | Bottom | F | 7 | TRANSF BALUN 1800+-100mhz 2x1.25 | ~ | ~ | ~ |
| Z800 | 4550259 | Bottom | C | 3 | ANT.SW. 2SAW 824-894/1710-1990MHZ | ~ | ~ | ~ |
| G300 | 4700131 | Bottom | H | 2 | CELL CAPACITOR 0.01MAH 3V3 | 3V3 | ~ | ~ |
| N350 | 4860121 | Bottom | A | 3 | IRDA RPM960-H7 1.152MB/S >2.4V 8PIN | ~ | ~ | ~ |
| F100 | 5119019 | Bottom | S | 3 | SM FUSE F 1.5A 32V 0603 | 1.5A | ~ | ~ |
| B300 | 5140251 | Top | B | 4 | SPEAKER 105+-3DB 32R D8.1X2.25MM PICO | ~ | ~ | ~ |
| B100 | 5140263 | Top | T | 6 | MIC+BOOT ASSY -42+-3DB D7.7X3.0MM | ~ | ~ | ~ |
| S302 | 5200025 | Bottom | A | 6 | SM TACT SW SIDE TRAVEL 0.2MM | ~ | ~ | ~ |
| S300 | 5209001 | Bottom | D | 1 | SM SW TACT SPST 12V 50MA SIDE KEY | ~ | ~ | ~ |
| S301 | 5209001 | Bottom | G | 1 | SM SW TACT SPST 12V 50MA SIDE KEY | ~ | ~ | ~ |
| X386 | 5400085 | Bottom | P | 3 | SIM CARD READER 2X3POL P2.54 SM | ~ | ~ | ~ |
| X102 | 5400243 | Bottom | T | 2 | CONN DC-JACK 3.5MM 3POL SPR 90DEG | ~ | ~ | ~ |
| X100 | 5409141 | Bottom | H | 4 | SM BATTERY CONN 4POL SPR. 12V 2A | ~ | ~ | ~ |

| <u>Item</u> | <u>Component Code</u> | <u>Side</u> | <u>X</u> | <u>Y</u> | <u>Description</u> | <u>Value1</u> | <u>Value2</u> | <u>Value3</u> |
|-------------|-----------------------|-------------|----------|----------|------------------------------------|---------------|---------------|---------------|
| X101 | 5460061 | Bottom | T | 5 | SM SYSTEM CONNECTOR 14POL | ~ | ~ | ~ |
| X301 | 5469135 | Top | L | 2 | SM CONN 2X8 SPR 50V 0.5A PCB/PCB | ~ | ~ | ~ |
| X302 | 5469175 | Top | B | 6 | SM CONN BTB 2X5 F P0.5 | ~ | ~ | ~ |
| M300 | 6800057 | Bottom | S | 5 | VIB MOTOR ASSY 1.3VDC 80MA 9000RPM | ~ | ~ | ~ |

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