

CCS Technical Documentation

NPM-8 Series Transceivers

4. Parts Lists

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Parts List

NPM-8 (3590) – EDMS Issue 4.9 Code: 0201786

| Item | Code | Side | X | Y | Description | Value | Type |
|------|---------|------|---|---|-------------|----------------------|------|
| R107 | 1430812 | Top | Q | 8 | Chip res | 0W06 220K J | 0402 |
| R108 | 1620003 | Top | Q | 8 | Res network | 0W03 4X100R J | 0804 |
| R109 | 1430754 | Top | Q | 8 | Chip res | 0W06 1K0 J | 0402 |
| R123 | 1430804 | Top | T | 4 | Chip res | 0W06 100K J | 0402 |
| R151 | 1430754 | Top | Q | 6 | Chip res | 0W06 1K0 J | 0402 |
| R152 | 1430754 | Top | Q | 6 | Chip res | 0W06 1K0 J | 0402 |
| R153 | 1620031 | Top | Q | 7 | Res network | 0W06 2X1K0 J | 0404 |
| R154 | 1430754 | Top | Q | 6 | Chip res | 0W06 1K0 J | 0402 |
| R156 | 1620105 | Top | Q | 6 | Res network | 0W06 2X2K2 J | 0404 |
| R157 | 1620105 | Top | Q | 7 | Res network | 0W06 2X2K2 J | 0404 |
| R158 | 1430788 | Top | P | 5 | Chip res | 0W06 22K J | 0402 |
| R159 | 1430803 | Top | P | 5 | Chip res | 0W06 4K7 F 200ppm | 0402 |
| R161 | 1620035 | Top | P | 7 | Res network | 0W06 2X10R J | 0404 |
| R164 | 1430780 | Top | P | 7 | Chip res | 0W06 12K J | 0402 |
| R165 | 1430734 | Top | Q | 7 | Chip res | 0W06 220R J | 0402 |
| R166 | 1430734 | Top | Q | 6 | Chip res | 0W06 220R J | 0402 |
| R168 | 1430780 | Top | P | 6 | Chip res | 0W06 12K J | 0402 |
| R180 | 1430788 | Top | Q | 5 | Chip res | 0W06 22K J | 0402 |
| R181 | 1430803 | Top | P | 5 | Chip res | 0W06 4K7 F 200ppm | 0402 |
| R183 | 1620103 | Top | P | 7 | Res network | 0W06 2X22R J | 0404 |
| R184 | 1430778 | Top | R | 6 | Chip res | 0W06 10K J | 0402 |
| R200 | 1419003 | Top | M | 8 | Chip res | 0W5 0R22 J 200ppm | 1210 |
| R202 | 1620043 | Top | P | 5 | Res network | 0W03 4X100K J | 0804 |
| R205 | 1430778 | Top | N | 5 | Chip res | 0W06 10K J | 0402 |
| R206 | 1430770 | Top | P | 5 | Chip res | 0W06 4K7 J | 0402 |
| R207 | 1430770 | Top | P | 5 | Chip res | 0W06 4K7 J | 0402 |
| R306 | 1430754 | Top | L | 6 | Chip res | 0W06 1K0 J | 0402 |
| R307 | 1430700 | Top | L | 6 | Chip res | 0W06 10R J | 0402 |

| Item | Code | Side | X | Y | Description | Value | Type |
|------|---------|------|---|---|-------------------|---------------|------|
| R310 | 1430754 | Top | R | 4 | Chip res | 0W06 1K0 J | 0402 |
| R311 | 1430700 | Top | R | 4 | Chip res | 0W06 10R J | 0402 |
| R315 | 1430804 | Top | P | 5 | Chip res | 0W06 100K J | 0402 |
| R316 | 1430778 | Top | D | 4 | Chip res | 0W06 10K J | 0402 |
| R317 | 1430770 | Top | A | 6 | Chip res | 0W06 4K7 J | 0402 |
| R318 | 1620103 | Top | K | 4 | Res network | 0W06 2X22R J | 0404 |
| R319 | 1620103 | Top | S | 4 | Res network | 0W06 2X22R J | 0404 |
| R386 | 4120071 | Top | Q | 2 | ASIP EMIF03-SIM01 | SIM FILTER | BGA8 |
| R420 | 1430754 | Top | G | 6 | Chip res | 0W06 1K0 J | 0402 |
| R422 | 1430790 | Top | L | 6 | Chip res | 0W06 27K J | 0402 |
| R426 | 1430754 | Top | I | 2 | Chip res | 0W06 1K0 J | 0402 |
| R450 | 1430770 | Top | J | 4 | Chip res | 0W06 4K7 J | 0402 |
| R603 | 1430726 | Top | K | 7 | Chip res | 0W06 100R J | 0402 |
| R604 | 1430812 | Top | G | 9 | Chip res | 0W06 220K J | 0402 |
| R605 | 1430710 | Top | G | 7 | Chip res | 0W06 22R J | 0402 |
| R607 | 1430754 | Top | G | 6 | Chip res | 0W06 1K0 J | 0402 |
| R609 | 1430846 | Top | G | 7 | Chip res | 0W06 2K7 F | 0402 |
| R610 | 1620033 | Top | K | 5 | Res network | 0W06 2X5K6 J | 0404 |
| R611 | 1620033 | Top | K | 6 | Res network | 0W06 2X5K6 J | 0404 |
| R618 | 1430778 | Top | I | 8 | Chip res | 0W06 10K J | 0402 |
| R619 | 1430774 | Top | I | 8 | Chip res | 0W06 6K8 J | 0402 |
| R620 | 1430780 | Top | J | 5 | Chip res | 0W06 12K J | 0402 |
| R621 | 1430778 | Top | J | 7 | Chip res | 0W06 10K J | 0402 |
| R622 | 1430788 | Top | J | 7 | Chip res | 0W06 22K J | 0402 |
| R623 | 1430770 | Top | J | 7 | Chip res | 0W06 4K7 J | 0402 |
| R629 | 1430792 | Top | G | 6 | Chip res | 0W06 33K J | 0402 |
| R636 | 1430720 | Top | J | 9 | Chip res | 0W0656R J | 0402 |
| R642 | 1620003 | Top | H | 9 | Res network | 0W03 4X100R J | 0804 |
| R645 | 1430718 | Top | I | 6 | Chip res | 0W06 47R J | 0402 |
| R646 | 1430718 | Top | I | 6 | Chip res | 0W06 47R J | 0402 |
| R647 | 1430732 | Top | J | 6 | Chip res | 0W06 180R J | 0402 |
| R648 | 1430732 | Top | I | 6 | Chip res | 0W06 180R J | 0402 |

| Item | Code | Side | X | Y | Description | Value | Type |
|------|---------|------|---|---|-------------|----------------------|------|
| R655 | 1430770 | Top | J | 7 | Chip res | 0W06 4K7 J | 0402 |
| R656 | 1430691 | Top | L | 8 | Chip res | 0W06 2R2 J | 0402 |
| R657 | 1430708 | Top | J | 6 | Chip res | 0W06 18R J | 0402 |
| R658 | 1430708 | Top | J | 6 | Chip res | 0W06 18R J | 0402 |
| R659 | 1430812 | Top | H | 9 | Chip res | 0W06 220K J | 0402 |
| R662 | 1430708 | Top | I | 5 | Chip res | 0W06 18R J | 0402 |
| R663 | 1430708 | Top | I | 5 | Chip res | 0W06 18R J | 0402 |
| R703 | 1430764 | Top | C | 4 | Chip res | 0W06 3K3 J | 0402 |
| R704 | 1430776 | Top | C | 3 | Chip res | 0W06 8K2 J | 0402 |
| R705 | 1430776 | Top | B | 4 | Chip res | 0W06 8K2 J | 0402 |
| R706 | 1430718 | Top | C | 4 | Chip res | 0W06 47R J | 0402 |
| R708 | 1430718 | Top | G | 3 | Chip res | 0W06 47R J | 0402 |
| R713 | 1430718 | Top | G | 3 | Chip res | 0W06 47R J | 0402 |
| R717 | 1430700 | Top | G | 2 | Chip res | 0W06 10R J | 0402 |
| R718 | 1430115 | Top | H | 4 | Chip res | 0W06 2K2 F 200ppm | 0402 |
| R719 | 1430700 | Top | H | 3 | Chip res | 0W06 10R J | 0402 |
| R720 | 1430115 | Top | G | 2 | Chip res | 0W06 2K2 F 200ppm | 0402 |
| R721 | 1430718 | Top | C | 3 | Chip res | 0W06 47R J | 0402 |
| R722 | 1430772 | Top | C | 3 | Chip res | 0W06 5K6 J | 0402 |
| R741 | 1430740 | Top | F | 4 | Chip res | 0W06330R J | 0402 |
| R742 | 1430740 | Top | G | 4 | Chip res | 0W06330R J | 0402 |
| R743 | 1430726 | Top | F | 2 | Chip res | 0W06 100R J | 0402 |
| R744 | 1430726 | Top | G | 2 | Chip res | 0W06 100R J | 0402 |
| R749 | 1430722 | Top | G | 2 | Chip res | 0W06 68R J | 0402 |
| R752 | 1430710 | Top | G | 4 | Chip res | 0W06 22R J | 0402 |
| R753 | 1430754 | Top | G | 4 | Chip res | 0W06 1K0 J | 0402 |
| R754 | 1430754 | Top | G | 2 | Chip res | 0W06 1K0 J | 0402 |
| C100 | 2320744 | Top | T | 7 | Chip cap | X7R 1N0 K 50V | 0402 |
| C101 | 2320778 | Top | T | 3 | Chip cap | X7R 10N K 16V | 0402 |
| C102 | 2320778 | Top | T | 4 | Chip cap | X7R 10N K 16V | 0402 |
| C103 | 2320744 | Top | T | 4 | Chip cap | X7R 1N0 K 50V | 0402 |

| Item | Code | Side | X | Y | Description | Value | Type |
|------|---------|------|---|---|-------------|----------------|-------------|
| C105 | 2320778 | Top | T | 6 | Chip cap | X7R 10N K 16V | 0402 |
| C106 | 2320778 | Top | T | 6 | Chip cap | X7R 10N K 16V | 0402 |
| C121 | 2320805 | Top | T | 6 | Chip cap | X5R 100N K 10V | 0402 |
| C122 | 2320805 | Top | T | 6 | Chip cap | X5R 100N K 10V | 0402 |
| C123 | 2320778 | Top | S | 5 | Chip cap | X7R 10N K 16V | 0402 |
| C124 | 2320778 | Top | S | 5 | Chip cap | X7R 10N K 16V | 0402 |
| C151 | 2320805 | Top | P | 7 | Chip cap | X5R 100N K 10V | 0402 |
| C152 | 2320805 | Top | P | 6 | Chip cap | X5R 100N K 10V | 0402 |
| C153 | 2320744 | Top | P | 7 | Chip cap | X7R 1N0 K 50V | 0402 |
| C154 | 2320744 | Top | P | 7 | Chip cap | X7R 1N0 K 50V | 0402 |
| C155 | 2320783 | Top | P | 6 | Chip cap | X7R 33N K 10V | 0402 |
| C156 | 2320783 | Top | P | 6 | Chip cap | X7R 33N K 10V | 0402 |
| C157 | 2320481 | Top | O | 9 | Chip cap | X5R 1U K 6V3 | 0603 |
| C158 | 2320744 | Top | Q | 6 | Chip cap | X7R 1N0 K 50V | 0402 |
| C159 | 2320805 | Top | P | 5 | Chip cap | X5R 100N K 10V | 0402 |
| C161 | 2320783 | Top | P | 7 | Chip cap | X7R 33N K 10V | 0402 |
| C162 | 2320783 | Top | P | 7 | Chip cap | X7R 33N K 10V | 0402 |
| C168 | 2611671 | Top | Q | 7 | Chiptcap | 22U M 4V | 3.2X1.6X1.6 |
| C170 | 2320744 | Top | Q | 6 | Chip cap | X7R 1N0 K 50V | 0402 |
| C171 | 2611671 | Top | P | 6 | Chiptcap | 22U M 4V | 3.2X1.6X1.6 |
| C172 | 2320744 | Top | Q | 5 | Chip cap | X7R 1N0 K 50V | 0402 |
| C173 | 2320805 | Top | P | 6 | Chip cap | X5R 100N K 10V | 0402 |
| C174 | 2320805 | Top | P | 6 | Chip cap | X5R 100N K 10V | 0402 |
| C175 | 2316001 | Top | S | 5 | Chip cap | X5R 2U2 K 6V3 | 0603 |
| C180 | 2320805 | Top | P | 5 | Chip cap | X5R 100N K 10V | 0402 |
| C181 | 2320481 | Top | Q | 4 | Chip cap | X5R 1U K 6V3 | 0603 |
| C182 | 2320481 | Top | P | 5 | Chip cap | X5R 1U K 6V3 | 0603 |
| C183 | 2320582 | Top | Q | 5 | Chip cap | X7R 820P J 50V | 0402 |
| C184 | 2320805 | Top | R | 6 | Chip cap | X5R 100N K 10V | 0402 |
| C201 | 2320481 | Top | M | 8 | Chip cap | X5R 1U K 6V3 | 0603 |
| C202 | 2320778 | Top | L | 9 | Chip cap | X7R 10N K 16V | 0402 |
| C203 | 2320481 | Top | O | 5 | Chip cap | X5R 1U K 6V3 | 0603 |

| Item | Code | Side | X | Y | Description | Value | Type |
|------|---------|------|---|---|-------------|----------------|------|
| C204 | 2320481 | Top | M | 8 | Chip cap | X5R 1U K 6V3 | 0603 |
| C205 | 2320481 | Top | N | 8 | Chip cap | X5R 1U K 6V3 | 0603 |
| C206 | 2320481 | Top | N | 8 | Chip cap | X5R 1U K 6V3 | 0603 |
| C207 | 2320481 | Top | O | 5 | Chip cap | X5R 1U K 6V3 | 0603 |
| C208 | 2320481 | Top | L | 7 | Chip cap | X5R 1U K 6V3 | 0603 |
| C211 | 2320481 | Top | N | 8 | Chip cap | X5R 1U K 6V3 | 0603 |
| C212 | 2320481 | Top | O | 8 | Chip cap | X5R 1U K 6V3 | 0603 |
| C213 | 2320481 | Top | P | 7 | Chip cap | X5R 1U K 6V3 | 0603 |
| C214 | 2320481 | Top | P | 7 | Chip cap | X5R 1U K 6V3 | 0603 |
| C215 | 2320481 | Top | P | 6 | Chip cap | X5R 1U K 6V3 | 0603 |
| C218 | 2320805 | Top | N | 5 | Chip cap | X5R 100N K 10V | 0402 |
| C220 | 2320778 | Top | L | 9 | Chip cap | X7R 10N K 16V | 0402 |
| C222 | 2320481 | Top | L | 7 | Chip cap | X5R 1U K 6V3 | 0603 |
| C223 | 2320481 | Top | J | 6 | Chip cap | X5R 1U K 6V3 | 0603 |
| C224 | 2320481 | Top | L | 7 | Chip cap | X5R 1U K 6V3 | 0603 |
| C225 | 2320481 | Top | L | 7 | Chip cap | X5R 1U K 6V3 | 0603 |
| C226 | 2320481 | Top | L | 7 | Chip cap | X5R 1U K 6V3 | 0603 |
| C227 | 2320481 | Top | L | 7 | Chip cap | X5R 1U K 6V3 | 0603 |
| C228 | 2320481 | Top | L | 6 | Chip cap | X5R 1U K 6V3 | 0603 |
| C229 | 2320481 | Top | L | 6 | Chip cap | X5R 1U K 6V3 | 0603 |
| C230 | 2320481 | Top | L | 6 | Chip cap | X5R 1U K 6V3 | 0603 |
| C231 | 2320481 | Top | L | 6 | Chip cap | X5R 1U K 6V3 | 0603 |
| C232 | 2320481 | Top | L | 7 | Chip cap | X5R 1U K 6V3 | 0603 |
| C234 | 2320481 | Top | L | 7 | Chip cap | X5R 1U K 6V3 | 0603 |
| C235 | 2320481 | Top | P | 7 | Chip cap | X5R 1U K 6V3 | 0603 |
| C236 | 2320805 | Top | M | 5 | Chip cap | X5R 100N K 10V | 0402 |
| C237 | 2320805 | Top | L | 6 | Chip cap | X5R 100N K 10V | 0402 |
| C239 | 2320805 | Top | N | 5 | Chip cap | X5R 100N K 10V | 0402 |
| C240 | 2320778 | Top | L | 9 | Chip cap | X7R 10N K 16V | 0402 |
| C241 | 2320744 | Top | P | 5 | Chip cap | X7R 1N0 K 50V | 0402 |
| C242 | 2320744 | Top | P | 5 | Chip cap | X7R 1N0 K 50V | 0402 |
| C243 | 2320481 | Top | P | 6 | Chip cap | X5R 1U K 6V3 | 0603 |

| Item | Code | Side | X | Y | Description | Value | Type |
|------|---------|------|---|---|-------------|----------------|------|
| C261 | 2310793 | Top | N | 8 | Chip cap | X5R 2U2 K 10V | 0805 |
| C264 | 2310793 | Top | M | 8 | Chip cap | X5R 2U2 K 10V | 0805 |
| C302 | 2320125 | Top | D | 7 | Chip cap | X5R 1U K 16V | 0603 |
| C303 | 2320805 | Top | D | 5 | Chip cap | X5R 100N K 10V | 0402 |
| C304 | 2320805 | Top | D | 7 | Chip cap | X5R 100N K 10V | 0402 |
| C307 | 2320778 | Top | R | 4 | Chip cap | X7R 10N K 16V | 0402 |
| C308 | 2320546 | Top | R | 5 | Chip cap | NP0 27P J 50V | 0402 |
| C310 | 2320778 | Top | A | 6 | Chip cap | X7R 10N K 16V | 0402 |
| C380 | 2320536 | Top | O | 3 | Chip cap | NP010P J 50V | 0402 |
| C381 | 2320536 | Top | Q | 4 | Chip cap | NP010P J 50V | 0402 |
| C382 | 2320536 | Top | Q | 3 | Chip cap | NP010P J 50V | 0402 |
| C383 | 2320536 | Top | Q | 4 | Chip cap | NP010P J 50V | 0402 |
| C390 | 2320805 | Top | Q | 4 | Chip cap | X5R 100N K 10V | 0402 |
| C400 | 2320778 | Top | M | 5 | Chip cap | X7R 10N K 16V | 0402 |
| C401 | 2320805 | Top | N | 3 | Chip cap | X5R 100N K 10V | 0402 |
| C402 | 2320778 | Top | N | 5 | Chip cap | X7R 10N K 16V | 0402 |
| C403 | 2320778 | Top | M | 2 | Chip cap | X7R 10N K 16V | 0402 |
| C404 | 2320778 | Top | M | 2 | Chip cap | X7R 10N K 16V | 0402 |
| C405 | 2320778 | Top | L | 3 | Chip cap | X7R 10N K 16V | 0402 |
| C420 | 2320552 | Top | G | 6 | Chip cap | NP0 47P J 50V | 0402 |
| C426 | 2320744 | Top | I | 2 | Chip cap | X7R 1N0 K 50V | 0402 |
| C450 | 2320778 | Top | I | 4 | Chip cap | X7R 10N K 16V | 0402 |
| C451 | 2320805 | Top | I | 4 | Chip cap | X5R 100N K 10V | 0402 |
| C454 | 2320779 | Top | J | 4 | Chip cap | X7R 100N K 16V | 0603 |
| C603 | 2320621 | Top | H | 6 | Chip cap | NP0 0P5 C 50V | 0402 |
| C607 | 2320514 | Top | H | 6 | Chip cap | NP0 1P2 C 50V | 0402 |
| C610 | 2320805 | Top | G | 7 | Chip cap | X5R 100N K 10V | 0402 |
| C611 | 2320548 | Top | G | 6 | Chip cap | NP0 33P J 50V | 0402 |
| C612 | 2320548 | Top | J | 6 | Chip cap | NP0 33P J 50V | 0402 |
| C614 | 2320805 | Top | K | 7 | Chip cap | X5R 100N K 10V | 0402 |
| C615 | 2320805 | Top | K | 7 | Chip cap | X5R 100N K 10V | 0402 |
| C616 | 2320481 | Top | J | 7 | Chip cap | X5R 1U K 6V3 | 0603 |

| Item | Code | Side | X | Y | Description | Value | Type |
|------|---------|------|---|---|-------------|----------------------|------|
| C617 | 2320903 | Top | I | 7 | Chip cap | NPO HQ 2P7 J 16 V | 0402 |
| C618 | 2320805 | Top | G | 7 | Chip cap | X5R 100N K 10V | 0402 |
| C619 | 2320548 | Top | G | 7 | Chip cap | NPO 33P J 50V | 0402 |
| C620 | 2312211 | Top | G | 7 | Chip cap | X5R 3U3 K 6V3 | 0805 |
| C621 | 2320778 | Top | H | 8 | Chip cap | X7R 10N K 16V | 0402 |
| C624 | 2312243 | Top | K | 8 | Chip cap | X5R 4U7 K 6V3 | 0805 |
| C626 | 2320778 | Top | G | 7 | Chip cap | X7R 10N K 16V | 0402 |
| C627 | 2320556 | Top | K | 6 | Chip cap | NPO 68P J 50V | 0402 |
| C628 | 2320556 | Top | K | 6 | Chip cap | NPO 68P J 50V | 0402 |
| C629 | 2320532 | Top | I | 6 | Chip cap | NPO 6P8 C 50V | 0402 |
| C631 | 2320536 | Top | J | 6 | Chip cap | NP010P J 50V | 0402 |
| C632 | 2320532 | Top | I | 6 | Chip cap | NPO 6P8 C 50V | 0402 |
| C634 | 2320805 | Top | H | 8 | Chip cap | X5R 100N K 10V | 0402 |
| C635 | 2320805 | Top | I | 8 | Chip cap | X5R 100N K 10V | 0402 |
| C639 | 2320466 | Top | I | 8 | Chip cap | NPO 220P J 50V | 0603 |
| C640 | 2312215 | Top | I | 9 | Chip cap | NPO 2N2 J 50V | 0805 |
| C641 | 2320556 | Top | I | 8 | Chip cap | NPO 68P J 50V | 0402 |
| C642 | 2320560 | Top | J | 5 | Chip cap | NPO 100P J 50V | 0402 |
| C643 | 2312243 | Top | L | 8 | Chip cap | X5R 4U7 K 6V3 | 0805 |
| C644 | 2320560 | Top | J | 7 | Chip cap | NPO 100P J 50V | 0402 |
| C646 | 2320548 | Top | H | 8 | Chip cap | NPO 33P J 50V | 0402 |
| C648 | 2320744 | Top | K | 9 | Chip cap | X7R 1N0 K 50V | 0402 |
| C649 | 2320522 | Top | J | 9 | Chip cap | NPO 2P7 C 50V | 0402 |
| C651 | 2320522 | Top | K | 8 | Chip cap | NPO 2P7 C 50V | 0402 |
| C654 | 2320522 | Top | J | 8 | Chip cap | NPO 2P7 C 50V | 0402 |
| C656 | 2320526 | Top | H | 8 | Chip cap | NPO 3P9 C 50V | 0402 |
| C657 | 2320526 | Top | H | 9 | Chip cap | NPO 3P9 C 50V | 0402 |
| C658 | 2320526 | Top | H | 8 | Chip cap | NPO 3P9 C 50V | 0402 |
| C659 | 2320526 | Top | H | 9 | Chip cap | NPO 3P9 C 50V | 0402 |
| C662 | 2320536 | Top | I | 6 | Chip cap | NP010P J 50V | 0402 |
| C663 | 2320536 | Top | H | 6 | Chip cap | NP010P J 50V | 0402 |
| C701 | 2320548 | Top | C | 6 | Chip cap | NPO 33P J 50V | 0402 |

| Item | Code | Side | X | Y | Description | Value | Type |
|------|---------|------|---|---|--------------|---------------------|-------------|
| C706 | 2320536 | Top | C | 4 | Chip cap | NP010P J 50V | 0402 |
| C707 | 2320536 | Top | B | 3 | Chip cap | NP010P J 50V | 0402 |
| C708 | 2320508 | Top | B | 3 | Chip cap | NPO 1P0 C 50V | 0402 |
| C709 | 2320602 | Top | C | 3 | Chip cap | NPO 4P7 C 50V | 0402 |
| C710 | 2320744 | Top | C | 3 | Chip cap | X7R 1N0 K 50V | 0402 |
| C711 | 2310793 | Top | C | 3 | Chip cap | X5R 2U2 K 10V | 0805 |
| C712 | 2320536 | Top | C | 3 | Chip cap | NP010P J 50V | 0402 |
| C713 | 2320548 | Top | C | 3 | Chip cap | NPO 33P J 50V | 0402 |
| C714 | 2320536 | Top | D | 5 | Chip cap | NP010P J 50V | 0402 |
| C715 | 2320602 | Top | D | 5 | Chip cap | NPO 4P7 C 50V | 0402 |
| C716 | 2611745 | Top | D | 6 | Chiptcap | 150U M 10V | 7.3X4.3X2.0 |
| C719 | 2320778 | Top | F | 3 | Chip cap | X7R 10N K 16V | 0402 |
| C720 | 2320778 | Top | F | 3 | Chip cap | X7R 10N K 16V | 0402 |
| C721 | 2320546 | Top | G | 2 | Chip cap | NPO 27P J 50V | 0402 |
| C722 | 2320548 | Top | G | 2 | Chip cap | NPO 33P J 50V | 0402 |
| C723 | 2320544 | Top | G | 4 | Chip cap | NPO 22P J 50V | 0402 |
| C724 | 2320514 | Top | G | 3 | Chip cap | NPO 1P2 C 50V | 0402 |
| C725 | 2320546 | Top | G | 2 | Chip cap | NPO 27P J 50V | 0402 |
| C728 | 2320518 | Top | G | 2 | Chip cap | NPO 1P8 C 50V | 0402 |
| C729 | 2320602 | Top | G | 4 | Chip cap | NPO 4P7 C 50V | 0402 |
| C730 | 2320536 | Top | C | 6 | Chip cap | NP010P J 50V | 0402 |
| C731 | 2320524 | Top | G | 2 | Chip cap | NPO 3P3 C 50V | 0402 |
| C733 | 2320548 | Top | C | 3 | Chip cap | NPO 33P J 50V | 0402 |
| C735 | 2320530 | Top | G | 4 | Chip cap | NPO 5P6 C 50V | 0402 |
| C736 | 2320536 | Top | G | 3 | Chip cap | NP010P J 50V | 0402 |
| C744 | 2320744 | Top | H | 3 | Chip cap | X7R 1N0 K 50V | 0402 |
| C745 | 2320744 | Top | G | 2 | Chip cap | X7R 1N0 K 50V | 0402 |
| L100 | 3203705 | Top | T | 6 | Ferrite bead | 0.015R 42R/ 100M | 0805 |
| L180 | 3203705 | Top | R | 6 | Ferrite bead | 0.015R 42R/ 100M | 0805 |
| L181 | 3203705 | Top | R | 6 | Ferrite bead | 0.015R 42R/ 100M | 0805 |

| Item | Code | Side | X | Y | Description | Value | Type |
|------|---------|------|---|---|-----------------|------------------------|--------|
| L601 | 3646047 | Top | H | 6 | Chip coil | 3N3 +-0N3 Q28/800M | 0402 |
| L602 | 3646009 | Top | G | 6 | Chip coil | 10N J Q30/ 800MHz | 0402 |
| L603 | 3646009 | Top | H | 6 | Chip coil | 10N J Q30/ 800MHz | 0402 |
| L606 | 3646065 | Top | J | 6 | Chip coil | 12N J Q31/ 800MHz | 0402 |
| L607 | 3646079 | Top | J | 6 | Chip coil | 47N J Q23/ 800MHz | 0402 |
| L608 | 3646079 | Top | J | 6 | Chip coil | 47N J Q23/ 800MHz | 0402 |
| L610 | 3646059 | Top | K | 8 | Chip coil | 5N6 +-0N3 Q28/800M | 0402 |
| L611 | 3646047 | Top | H | 6 | Chip coil | 3N3 +-0N3 Q28/800M | 0402 |
| L613 | 3646063 | Top | I | 6 | Chip coil | 22N J Q28/ 800MHz | 0402 |
| L614 | 3646063 | Top | I | 6 | Chip coil | 22N J Q28/ 800MHz | 0402 |
| L617 | 3646059 | Top | J | 8 | Chip coil | 5N6 +-0N3 Q28/800M | 0402 |
| L621 | 3646003 | Top | I | 6 | Chip coil | 2N2 +-0N3 Q30/800M | 0402 |
| L700 | 3646055 | Top | G | 3 | Chip coil | 8N2 J Q28/ 800MHz | 0402 |
| L701 | 3646047 | Top | G | 4 | Chip coil | 3N3 +-0N3 Q28/800M | 0402 |
| L703 | 3203743 | Top | E | 5 | Ferrite bead | 0R03 42R/ 100MHz 3A | 0805 |
| L704 | 4551019 | Top | C | 4 | Dir coup | 1880+-30MHz 14DB | 2X1.25 |
| L705 | 3646009 | Top | G | 2 | Chip coil | 10N J Q30/ 800MHz | 0402 |
| L709 | 4551031 | Top | C | 2 | Dir coup | 836.5+- 12.5MHz | 2X1.2 |
| L710 | 3646091 | Top | G | 3 | Chip coil | 6N8 J Q27/ 800MHz | 0402 |
| Z100 | 3203801 | Top | T | 4 | Chip bead array | 2X1000R | 0405 |
| Z101 | 3203801 | Top | T | 6 | Chip bead array | 2X1000R | 0405 |

| Item | Code | Side | X | Y | Description | Value | Type |
|------|---------|------|---|---|-----------------------|--------------------------|---------|
| Z102 | 3203801 | Top | S | 5 | Chip bead array | 2X1000R | 0405 |
| Z150 | 3203801 | Top | A | 4 | Chip bead array | 2X1000R | 0405 |
| Z261 | 3203727 | Top | N | 9 | Ferrite bead | OR3 47R/ 100MHz | 0603 |
| Z264 | 3203743 | Top | M | 8 | Ferrite bead | OR3 47R/ 100MHz | 0603 |
| Z601 | 4511325 | Top | H | 5 | Saw filt | 1960+-30MHz 14DB | 2.5X2.0 |
| Z602 | 4511323 | Top | H | 5 | Saw filt | 881.5+-25MHz/ 3DB | 2.5X2.0 |
| Z603 | 4511317 | Top | J | 5 | Saw filt | 836.5+- 12.5MHz/2.5DB | 2520 |
| Z700 | 4550185 | Top | C | 5 | Ant SW | 824-894/1850- 1990MHz | 6.7X5 |
| T600 | 3640413 | Top | I | 5 | Transf balun | 1.8GHz+/- 100MHz | 1206 |
| V100 | 4113721 | Top | S | 6 | TVS DI 1PMT16AT3 | 16V 175W | PWRMITE |
| V101 | 4110443 | Top | R | 6 | DI SCH | RB160M -30 1A <0.48 | SOD123F |
| V301 | 4860401 | Top | K | 7 | LED LNJ322W830NK | 575NM 90 DEG | TBSF |
| V302 | 4860401 | Top | K | 3 | LED LNJ322W830NK | 575NM 90 DEG | TBSF |
| V308 | 4860401 | Top | S | 6 | LED LNJ322W830NK | 575NM 90 DEG | TBSF |
| V309 | 4860401 | Top | S | 4 | LED LNJ322W830NK | 575NM 90 DEG | TBSF |
| V318 | 4113669 | Top | R | 4 | ZDIX4 TVS/ESD | RSA6.1EN 6V1 | SOT353 |
| V319 | 4210221 | Top | R | 4 | TR MMBT6589 P | 30V 1A LOWSAT | TSOP6 |
| V320 | 4210361 | Top | L | 5 | TRX2 IMT1A P | 40V 0.1A >120 | SC59-6 |
| V700 | 4115831 | Top | C | 4 | SCHDIX2 BAT68- 05W | <1PF CC | SOT323 |
| V701 | 4210197 | Top | G | 4 | TR NE68119 | N 7GHz LNA NF<1.8 | SC75 |
| V702 | 4210197 | Top | G | 2 | TR NE68119 | N 7GHz LNA NF<1.8 | SC75 |
| N180 | 4341221 | Top | Q | 5 | AF Amp | 0.4W/2.6V (LM4890) | USMD9 |

| Item | Code | Side | X | Y | Description | Value | Type |
|------|---------|------|---|---|-----------------------|----------------------|----------|
| N300 | 4210371 | Top | S | 4 | TRX2 PUMF11/ UMF28 | 50V 0.1A | SOT363 |
| N600 | 4370867 | Top | H | 7 | Mjoelner RF ASIC | S2006 | LFBGA80 |
| N601 | 4370865 | Top | J | 8 | Bifrost VCO ASIC | Z3377 | Vers. G |
| N700 | 4350347 | Top | E | 3 | PW Amp RF3132 | GSM850/1900 | 3.5V |
| D200 | 4370841 | Top | N | 6 | UEM V6.0 W-DOG | ENA T009L | TFBGA168 |
| D400 | 4370815 | Top | M | 3 | UPP8M V1.1 | F741987A C05 | UBGA144 |
| D450 | 4341207 | Top | J | 3 | NOR Flash NMP DCT4 | 64MBIT | 40MHz |
| B200 | 4510219 | Top | O | 8 | Crystal | 32.768KHz+- 30ppm | 9PF |
| B600 | 4510333 | Top | G | 8 | Crystal | 26.0MHz+- 10ppm | 15.5PF |
| F100 | 5119019 | Top | T | 8 | Sm fuse F | 1.5A 32V | 0603 |
| S300 | 5209001 | Top | A | 5 | Sm SW tact | SPST 12V 50MA | Side Key |
| X387 | 5409219 | Top | O | 4 | Sm SIM Connector | 6POL | P2.54 |
| A900 | 9517125 | Top | I | 7 | RF Shield Lid | DMD06792 | HDB12 |
| A910 | 9517127 | Top | D | 4 | PA Shield Lid | DMD06794 | HDB12 |
| A901 | 9517120 | Top | N | 5 | BB Shield Lid | DMD06790-EN | HDB12 |

