

| ITEM# | QTY | REF DES  | DESCRIPTION                                    | MANUFACTURER        | MFG PART NUMBER    | INSTALL? | ADI SUPPLY | ALTERNATIVE? | COMMENTS |
|-------|-----|--|--|---------------------|--------------------|----------|------------|--------------|----------|
| 1     | 1   | 9467CE01A  | PCB  |                     |                    | Yes      | No         | No           |          |
| 2     | 38  | C101, C102, C104, C105, C106, C107, C108, C109, C110, C111, C201, C202, C204, C207, C208, C209, C210, C302, C303, C313, C314, C315, C316, C317, C318, C319, C320, C321, C322, C323, C428, C431, C600, C601, C700, C701, C702, C703   | CAPACITOR, 0.1uF, 0402, X7R, CERAMIC           | MURATA              | GRM155R71C104KA88D | Yes      | No         | Yes          |          |
| 3     | 7   | C112, C200, C704, C705, C706, C707, C714   | CAP TANTALUM 10UF 10V 10% SMD                  | AVX                 | TAJA106K010RNJ     | Yes      | No         | Yes          |          |
| 4     | 1   | C308   | CAP 1800PF 25V CERAMIC 0402 SMD                | PANASONIC           | ECJ-0EB1E182K      | Yes      | No         | Yes          |          |
| 5     | 1   | C309   | CAP CERM 0.033UF 10% 16V X5R 0402              | PANASONIC           | 0402YD333KAT2A     | Yes      | No         | Yes          |          |
| 6     | 1   | C310   | CAPACITOR, 1500PF, 0402, 25V, CERAMIC, X7R     | PANASONIC           | ECJ-0EB1E152K      | Yes      | No         | Yes          |          |
| 7     | 55  | C400, C401, C402, C403, C404, C405, C406, C407, C408, C409, C410, C411, C412, C413, C414, C415, C416, C417, C418, C419, C420, C421, C422, C423, C424, C425, C426, C427, C429, C430, C432, C433, C434, C435, C437, C438, C439, C440, C441, C442, C443, C444, C445, C446, C447, C448, C449, C450, C451, C452, C453, C454, C455, C456, C457 | CAP CER 0.1UF 6.3V X5R 0201                    | MURATA              | GRM033R60J104KE19D | Yes      | No         | Yes          |          |
| 8     | 8   | C708, C709, C710, C715, C716, C717, C718, C720   | CAP CER 4.7UF 6.3V X5R 0603                    | MURATA              | GRM188R60J475KE19D | Yes      | No         | Yes          |          |
| 9     | 2   | C713, C719   | CAPACITOR, 10000PF, 0402, 16V, CERAMIC, X7R    | PANASONIC           | ECJ-0EB1C103K      | Yes      | No         | Yes          |          |
|       | 1   | C116   | CAP CER 1.8PF 25V COG 0201                     | MURATA              | GRM0335C1E1R8CD01D | Yes      | No         | Yes          |          |
| 10    | 2   | CR300, CR702   | LED GREEN USS TYPE 0603                        | PANASONIC           | LNJ314G8TRA        | Yes      | No         | Yes          |          |
| 11    | 5   | CR700, CR701, CR703, CR704, CR705  | RECTIFIER SIL 2A 50V DO-214AA                  | MICRO COMMERCIAL CO | S2A-TP             | Yes      | No         | Yes          |          |
| 6     | 1   | CR200  | DIODE SHTKY DUAL SERIES                        | AVAGO               | HSMS-2812BLK       | No       | No         | No           |          |
| 12    | 8   | E700, E701, E702, E703, E704, E705, E706, E707   | BEAD CORE 3.2X2.5X1.6 SMD T/R, 45 Ohm @ 100MHz | PANASONIC           | EXCCL3225U1        | Yes      | No         | No           |          |
| 13    | 1   | F700   | POLYSWITCH 1.10A RESET FUSE SMD                | TYCO/RAYCHEM        | NANOSMDC110F-2     | Yes      | No         | Yes          |          |
| 14    | 1   | FL700  | EMI FILTER LC BLOCK CHOKE COIL                 | MURATA              | BNX016-01          | Yes      | No         | No           |          |
| 15    | 3   | J100, J102, J201   | SMA, END LAUNCH, COAX                          | SAMTEC              | SMA-J-P-H-ST-EM1   | Yes      | No         | Yes          |          |
| 16    | 2   | J300, P600   | CONN-PCB HEADER 8PIN DOUBLE ROW                | SAMTEC              | TSW-104-08-T-D     | Yes      | No         | Yes          |          |
| 17    | 1   | J700   | POWER SUPPLY CONNECTOR                         | SWITCHCRAFT         | RAPC722X           | Yes      | No         | Yes          |          |
| 18    | 1   | L105   | INDUCTOR SM, 10nH                              | COILCRAFT           | 0603CS-10NXJLW     | Yes      | No         | No           |          |
| 19    | 3   | P100, P200, P300   | CONN-PCB BERG HDR ST MALE 3P                   | SAMTEC              | TSW-103-08-G-S     | Yes      | No         | Yes          |          |
| 20    | 2   | P501, P502   | CONN_PCB 60PIN RA CONNECTOR                    | TYCO                | 6469169-1          | Yes      | No         | Yes          |          |
| 21    | 14  | R107, R110, R123, R124, R125, R129, R310, R312, R314, R315, R606, R608, R610   | RESISTOR, ZERO OHM, 0402, 1/16W, 1%            | PANASONIC           | ERJ-2GE0R00X       | Yes      | No         | Yes          |          |
| 22    | 2   | R117, R118   | RES 5.60 OHM 1/16W 1% 0402 SMD                 | Vishay/Dale         | CRCW04025R60FNED   | Yes      | No         | Yes          |          |
| 23    | 2   | R119, R120   | RES 15 OHM 1/20W 5% 0201 SMD                   | PANASONIC           | ERJ-1GEJ150C       | Yes      | No         | Yes          |          |
| 15    | 2   | R206, R207   | RES 33 OHM 1/10W 5% 0402 SMD                   | PANASONIC           | ERJ-2GEJ330X       | No       | No         | No           |          |
| 24    | 4   | R105, R106, R111, R112   | RES 33 OHM 1/10W 5% 0402 SMD                   | PANASONIC           | ERJ-2GEJ330X       | Yes      | No         | Yes          |          |
| 25    | 5   | R200, R201, R600, R601, R602   | RESISTOR, 10.0K OHM, 0402, 1/16W, 1%           | PANASONIC           | ERJ-2RKF1002X      | Yes      | No         | Yes          |          |
| 26    | 2   | R127, R128   | RES 0.0 OHM 1/20W 0201 SMD                     | PANASONIC           | ERJ-1GE0R00C       | Yes      | No         | Yes          |          |
| 28    | 6   | R204, R205, R303, R307, R308, R700   | RESISTOR, 249 OHM, 0402, 1/16W, 1%             | PANASONIC           | ERJ-2RKF2490X      | Yes      | No         | Yes          |          |
| 29    | 10  | R300, R304, R305, R306, R309, R603, R604, R605, R701, R702   | RESISTOR, 1.00K OHM, 0402, 1/16W, 1%           | PANASONIC           | ERJ-2RKF1001X      | Yes      | No         | Yes          |          |
| 30    | 1   | R704   | RES 750 OHM 1/10W 5% 0402 SMD                  | PANASONIC           | ERJ-2GEJ751X       | Yes      | No         | Yes          |          |
| 31    | 1   | R703   | RESISTOR, 316 OHM, 0402, 1/16W, 1%             | PANASONIC           | ERJ-2RKF3160X      | Yes      | No         | Yes          |          |
| 32    | 1   | R301   | RESISTOR, 4.12K OHM, 0402, 1/10W, 1%           | PANASONIC           | ERJ-2RKF4121X      | Yes      | No         | Yes          |          |
| 33    | 1   | R302   | RESISTOR, 5.1K OHM, 0402, 1/16W, 5%            | PANASONIC           | ERJ-2GEJ512X       | Yes      | No         | Yes          |          |
| 34    | 1   | R316   | RES 200 OHM 1/10W 1% 0402 SMD                  | PANASONIC           | ERJ-2RKF2000X      | Yes      | No         | Yes          |          |
|       | 2   | R103, R130   | RES 20 OHM 1/20W 5% 0201 SMD                   | PANASONIC           | ERJ-1GEJ200C       | Yes      | No         | Yes          |          |
|       | 2   | R311, R313   | RES 100 OHM 1/10W 5% 0402 SMD                  | PANASONIC           | ERJ-2GEJ101X       | Yes      | No         | Yes          |          |
| 36    | 2   | T101, T104   | XFMR, 1:1 Impedance Ratio                      | MINICIRCUITS        | ADT1-1WT+          | Yes      | No         | No           |          |
| 37    | 2   | T103, T200   | Balun, 1:1 Impedance Ratio                     | MACOM               | MABA-007159-000000 | Yes      | No         | No           |          |
| 38    | 1   | T105   | Balun, 1:1 Impedance Ratio                     | Anaren              | BD0205F5050A00     | Yes      | Yes        | No           |          |
| 39    | 1   | DUT1   | IC-ADI LFCSF 10X10MM PLUS EPAD                 | ADI                 | AD9467BCPZ-250     | Yes      | Yes        | No           |          |
| 40    | 1   | U100   | IC 2.6GHZ ULTRALOW DISTORTION DIFF IF/RF AMP   | ADI                 | ADL5562ACPZ-R7     | Yes      | Yes        | No           |          |
| 41    | 1   | U300   | IC-ADI 12-OUTPUT CLK GEN WITH INT 1.6GHZ VCO   | ADI                 | AD9517-4BCPZ       | Yes      | Yes        | No           |          |

|    |   |   |   |           |                    |     |     |    |  |
|----|---|---|---|-----------|--------------------|-----|-----|----|--|
| 42 | 1 | U400                                      | IC, VOLTAGE REF, PRECISION SERIES, SOT23_6  | ADI       | ADR130AUJZ         | Yes | Yes | No |  |
| 43 | 1 | U600                                      | IC TINYLOGIC UHS DUAL BUFFER  | FAIRCHILD | NC7WZ07P6X         | Yes | No  | No |  |
| 44 | 1 | U601                                      | IC TINYLOGIC UHS DUAL BUFFER  | FAIRCHILD | NC7WZ16P6X         | Yes | No  | No |  |
| 45 | 2 | U700, U701                                | IC, REGULATOR 0.8-5.0V, LOW DROPOUT CMOS, SO8   | ADI       | ADP1708ARDZ-R7     | Yes | Yes | No |  |
| 46 | 1 | U702                                      | IC-ADI LOW DROPOUT CMOS LIN REG   | ADI       | ADP1706ARDZ-3.3-R7 | Yes | Yes | No |  |
| 47 | 1 | U703                                      | IC-ADI LOW DROPOUT CMOS LIN REG   | ADI       | ADP1706ARDZ-1.8-R7 | Yes | Yes | No |  |
| 48 | 1 | Y200                                      | 250MHz, XTAL 3.3V LVPECL OSC  | VECTRON   | VCC6-QCD-250M000   | Yes | Yes | No |  |
| 49 | 7 | MP101,MP102,MP103,MP104,MP105,MP106,MP107 | Part of assembly, 100 mil jumpers, Place into P100 (Pin 2-3), P200(Pin 1-2), J300 (Pin 3-4),P600 (Pins 1-2,3-4,5-6,7-8)                         | SAMTEC    | SNT-100-BK-G-H     | Yes | No  | No |  |
| 50 | 4 | MP111,MP112,MP113,MP114                   | Part of assembly, Insert/Snap into the large holes from the bottom side of board, 14mm height, dual locking standoffs for circuit board support | RICHCO    | CBSB-14-01         | Yes | No  | No |  |

**DO NOT INSTALL**

|    |    |  |                                    |           |                    |    |    |    |  |
|----|----|--|------------------------------------|-----------|--------------------|----|----|----|--|
| 1  | 17 | C100, C103, C113, C114, C115, C203, C205, C206, C300, C301, C304, C305, C306, C307, C311, C436 | CAP CER, X7R, 0.1uF, 0402          | MURATA    | GRM155R71C104KA88D | No | No | No |  |
| 2  | 2  | C117, C118   | CAP CER 0.1UF 6.3V X5R 0201        | MURATA    | GRM033R60J104KE19D | No | No | No |  |
| 3  | 1  | C119   | CAP CER, COG, 100pF, 50V, 5%, 0402 | MURATA    | GRM1555C1H101JD01D | No | No | No |  |
| 4  | 1  | C120   | CAP CER, 39PF, 50V, 5%, COG, 0402  | MURATA    | GRM1555C1H390JZ01D | No | No | No |  |
| 5  | 1  | C312   | CAP CER, 0.22UF, 16V, X7R, 0402    | MURATA    | GRM155R71C224KA12D | No | No | No |  |
| 7  | 2  | J101, J200   | CONN-PCB SMA ST EDGE MOUNT         | SAMTEC    | SMA-J-P-X-ST-EM1   | No | No | No |  |
| 8  | 1  | L100   | INDUCTOR, 120nH, 0603              | PANASONIC | ELJ-RER12JF3       | No | No | No |  |
| 9  | 2  | L101, L102   | INDUCTOR, 15nH, L7144              | COILCRAFT | 0603CS-15NXGLU     | No | No | No |  |
| 10 | 2  | L103, L104   | INDUCTOR, 36nH, L7144              | COILCRAFT | 0603CS-36NXGLU     | No | No | No |  |
| 12 | 3  | R100, R101, R202   | RES 51 OHM 1/10W 5% 0402 SMD       | PANASONIC | ERJ-2GEJ510X       | No | No | No |  |
| 13 | 1  | R102   | RES 0.0 OHM 1/10W 0603 SMD         | PANASONIC | ERJ-3GEY0R00V      | No | No | No |  |