| PART | PACKAGE | SIDE | X_INCHES | Y-INCHES | X-mm | Y-mm | ANGLE |
|------|---------|------|----------|----------|------|------|-------|
| C1 | CAPC1608X92N | Top | 0.0748 | 1.5866 | 1.9 | 40.3 | 90 |
| C2 | CAPC1608X92N | Top | 1.3189 | 1.8701 | 33.5 | 47.5 | 270 |
| C3 | CAPC1608X92N | Top | 1.0039 | 2.0276 | 25.5 | 51.5 | 270 |
| C4 | CAPC1608X92N | Top | 0.8366 | 1.8799 | 21.25 | 47.75 | 270 |
| C5 | CAPC1608X92N | Top | 0.7382 | 1.8799 | 18.75 | 47.75 | 270 |
| C6 | CAPC1608X92N | Top | 0.2953 | 1.8898 | 7.5 | 48 | 270 |
| C7 | CAPC1608X92N | Top | 0.374 | 1.8898 | 9.5 | 48 | 270 |
| C8 | CAPC1608X92N | Top | 0.3346 | 1.7913 | 8.5 | 45.5 | 180 |
| C9 | C1206-TANT | Top | 1.2106 | 3.2421 | 30.75 | 82.35 | 270 |
| C10 | CAPC1608X92N | Top | 0.3819 | 2.0866 | 9.7 | 53 | 270 |
| C11 | CAPC1608X92N | Top | 0.2657 | 2.0827 | 6.75 | 52.9 | 270 |
| C12 | CAPC1608X92N | Top | 0.622 | 2.0866 | 15.8 | 53 | 270 |
| C13 | CAPC1608X92N | Top | 0.4961 | 2.0669 | 12.6 | 52.5 | 270 |
| C14 | CAPC1608X92N | Top | 0.8268 | 3.0512 | 21 | 77.5 | 270 |
| C15 | CAPC1608X92N | Top | 1.5945 | 2.75 | 40.5 | 69.85 | 0 |
| C16 | CAPC1608X92N | Top | 0.7874 | 2.2146 | 20 | 56.25 | 180 |
| C17 | CAPC1608X92N | Top | 0.7874 | 2.2933 | 20 | 58.25 | 180 |
| C18 | CAPC1608X92N | Top | 0.7972 | 2.9134 | 20.25 | 74 | 90 |
| C19 | CAPC1608X92N | Top | 0.7185 | 2.9134 | 18.25 | 74 | 90 |
| C20 | CAPC1608X92N | Top | 1.4567 | 2.2933 | 37 | 58.25 | 180 |
| C21 | CAPC1608X92N | Top | 1.4567 | 2.2146 | 37 | 56.25 | 180 |
| C22 | CAPC1608X92N | Top | 1.9488 | 1.8799 | 49.5 | 47.75 | 90 |
| C23 | CAPC1608X92N | Top | 2.0965 | 3.189 | 53.25 | 81 | 90 |
| C24 | CAPC1608X92N | Top | 0.2677 | 2.2047 | 6.8 | 56 | 90 |
| C25 | CAPC3225X168N | Top | 0.1772 | 1.5748 | 4.5 | 40 | 270 |
| C26 | CAPC1608X92N | Top | 0.4724 | 1.6929 | 12 | 43 | 180 |
| C27 | CAPC1608X92N | Top | 0.7579 | 1.3189 | 19.25 | 33.5 | 90 |
| C28 | CAPC3215X168N | Top | 0.6004 | 1.1713 | 15.25 | 29.75 | 90 |
| C29 | CAPC3215X168N | Top | 0.4823 | 1.1713 | 12.25 | 29.75 | 90 |
| C30 | CAPC1608X92N | Top | 0.1181 | 0.4528 | 3 | 11.5 | 270 |
| C31 | CAPC1608X92N | Top | 0.9646 | 1.4764 | 24.5 | 37.5 | 270 |
| C32 | CAPC1608X92N | Top | 2.1063 | 2.0276 | 53.5 | 51.5 | 90 |
| C33 | CAPC1608X92N | Top | 1.5157 | 2.0276 | 38.5 | 51.5 | 270 |
| C34 | CAPC1608X92N | Top | 1.752 | 2.0276 | 44.5 | 51.5 | 270 |
| C35 | CAPC1608X92N | Top | 2.0669 | 1.8799 | 52.5 | 47.75 | 90 |
| C36 | C1210 | Top | 1.6772 | 1.122 | 42.6 | 28.5 | 270 |
| C37 | CAPC1608X92N | Top | 1.8996 | 3.189 | 48.25 | 81 | 90 |
| C38 | C1210 | Top | 2.4508 | 2.815 | 62.25 | 71.5 | 270 |
| C39 | CAP-CHEMI-HA0 | Top | 1.8969 | 1.4862 | 48.18 | 37.75 | 0 |
| C40 | CAPC1608X92N | Top | 2.1949 | 3.189 | 55.75 | 81 | 90 |
| C41 | CAPC1608X92N | Top | 2.3819 | 2.6083 | 60.5 | 66.25 | 90 |
| C42 | CAPC1608X92N | Top | 2.3228 | 2.7854 | 59 | 70.75 | 270 |
| C43 | CAPC1608X92N | Top | 0.8268 | 1.1614 | 21 | 29.5 | 90 |
| C44 | CAPC1608X92N | Top | 0.9252 | 1.1614 | 23.5 | 29.5 | 90 |
| C45 | CAPC1608X92N | Top | 1.0236 | 1.1614 | 26 | 29.5 | 90 |
| C46 | CAPC1608X92N | Top | 0.2776 | 1.5846 | 7.05 | 40.25 | 270 |
| C47 | C1210 | Top | 1.5236 | 1.122 | 38.7 | 28.5 | 270 |
| C48 | CAPC1608X92N | Top | 0.8661 | 1.4764 | 22 | 37.5 | 270 |
| C50 | CAPC1608X92N | Top | 2.4803 | 2.6083 | 63 | 66.25 | 90 |
| C51 | CAPC1608X92N | Top | 1.6535 | 2.5984 | 42 | 66 | 270 |

| C52 | CAPC1608X92N | Top | 1.4567 | 2.8839 | 37 | 73.25 | 0 |
|------|--------------|-----|--------|--------|----|-------|---|
| C53 | CAPC1608X92N | Top | 1.4567 | 2.9626 | 37 | 75.25 | 0 |
| CN1 | HDR100-3 | Top | 0.4724 | 2.7362 | 12 | 69.5 | 270 |
| CN2 | MOLEX-MINI-B-SMT | Bottom | 1.5551 | 3.5236 | 39.5 | 89.5 | 180 |
| CN3 | RASM712PX | Top | 0.374 | 0.2953 | 9.5 | 7.5 | 0 |
| CN4 | CONN-RJ45-MOLEX-44144-003 | Top | 1.0827 | 0.4134 | 27.5 | 10.5 | 0 |
| CN5 | MJ-3523-SMT | Bottom | 0.9843 | 0.315 | 25 | 8 | 270 |
| CN6 | MJ-3523-SMT | Bottom | 2.4016 | 0.315 | 61 | 8 | 270 |
| CN7 | MJ-3523-SMT | Bottom | 2.0472 | 0.315 | 52 | 8 | 270 |
| CN8 | MJ-3523-SMT | Bottom | 1.3386 | 0.315 | 34 | 8 | 270 |
| CN9 | MJ-3523-SMT | Bottom | 1.6929 | 0.315 | 43 | 8 | 270 |
| CN10 | MJ-3523-SMT | Bottom | 0.6299 | 0.315 | 16 | 8 | 270 |
| CN11 | HDR100-3 | Top | 1.7205 | 2.9528 | 43.7 | 75 | 270 |
| CN12 | HRS-DF11-16DS | Top | 1.0823 | 0.9398 | 27.49 | 23.87 | 90 |
| D2 | SOD323R_INFINEON | Top | 0.3701 | 0.815 | 9.4 | 20.7 | 90 |
| D3 | SOD323R_INFINEON | Top | 1.811 | 2.5984 | 46 | 66 | 90 |
| FB1 | FE0805 | Top | 1.7913 | 0.9055 | 45.5 | 23 | 90 |
| FB2 | FE0805 | Top | 1.6732 | 0.8465 | 42.5 | 21.5 | 270 |
| FB3 | FE0805 | Top | 1.3583 | 1.1811 | 34.5 | 30 | 270 |
| FB4 | FE0805 | Top | 1.5945 | 1.3976 | 40.5 | 35.5 | 90 |
| FB6 | FE0805 | Top | 1.5354 | 0.8465 | 39 | 21.5 | 270 |
| J1 | JMPR-2PIN | Top | 1.5945 | 2.9035 | 40.5 | 73.75 | 180 |
| J2 | JMPR-2PIN | Top | 0.935 | 1.8209 | 23.75 | 46.25 | 0 |
| J3 | JMPR-2PIN | Top | 1.9882 | 2.1949 | 50.5 | 55.75 | 90 |
| J4 | JMPR-2PIN | Top | 1.1417 | 1.1811 | 29 | 30 | 180 |
| J5 | JMPR-2PIN | Top | 0.6594 | 2.6378 | 16.75 | 67 | 90 |
| J7 | JMPR-2PIN | Top | 0.1181 | 2.1063 | 3 | 53.5 | 180 |
| L1 | FCM1608 | Top | 0.748 | 2.0669 | 19 | 52.5 | 90 |
| L2 | SRN6045 | Top | 0.2343 | 1.2165 | 5.95 | 30.9 | 270 |
| LD2 | SMD4 | Top | 2.0472 | 0.9055 | 52 | 23 | 270 |
| LED1 | LTST-S2200K | Top | 1.1535 | 3.4843 | 29.3 | 88.5 | 270 |
| LED2 | LTST-S2200K | Top | 0.9528 | 3.4843 | 24.2 | 88.5 | 270 |
| LED3 | LTST-S2200K | Top | 0.752 | 3.4843 | 19.1 | 88.5 | 270 |
| LED4 | LTST-S2200K | Top | 0.5512 | 3.4843 | 14 | 88.5 | 270 |
| LED5 | LED-LTST | Top | 0.8366 | 1.752 | 21.25 | 44.5 | 270 |
| LED8 | LED-LTST | Top | 0.0984 | 1.8898 | 2.5 | 48 | 270 |
| MIC1 | CMA-4544PF-W | Top | 1.2992 | 1.5157 | 33 | 38.5 | 90 |
| P1 | TPAD50 | Bottom | 1.2402 | 2.3819 | 31.5 | 60.5 | 0 |
| P2 | TPAD50 | Bottom | 1.2402 | 2.5197 | 31.5 | 64 | 0 |
| P3 | TPAD50 | Bottom | 1.3189 | 2.5197 | 33.5 | 64 | 0 |
| P4 | TPAD50 | Bottom | 1.3189 | 2.3819 | 33.5 | 60.5 | 0 |
| P5 | TPAD50 | Bottom | 0.9449 | 2.5811 | 24 | 65.56 | 0 |
| P6 | TPAD50 | Bottom | 0.9449 | 2.4606 | 24 | 62.5 | 0 |
| P7 | TPAD50 | Bottom | 1.0433 | 2.5787 | 26.5 | 65.5 | 0 |
| P8 | TPAD50 | Bottom | 1.0433 | 2.4606 | 26.5 | 62.5 | 0 |
| P9 | TPAD50 | Bottom | 1.1618 | 2.6996 | 29.51 | 68.57 | 0 |
| P10 | TPAD50 | Bottom | 1.0843 | 2.6984 | 27.54 | 68.54 | 0 |
| P11 | TPAD50 | Bottom | 1.0055 | 2.6972 | 25.54 | 68.51 | 0 |
| P12 | TPAD50 | Bottom | 0.9244 | 2.698 | 23.48 | 68.53 | 0 |
| P13 | TPAD50 | Top | 0.1181 | 3.3661 | 3 | 85.5 | 0 |
| P14 | TPAD50 | Top | 0.1181 | 3.4646 | 3 | 88 | 0 |

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|---|---|---|---|---|---|---|---|
| P15 | TPAD50 | Top | 2.4606 | 3.4252 | 62.5 | 87 | 0 |
| P16 | TPAD50 | Top | 2.4606 | 3.3071 | 62.5 | 84 | 0 |
| P17 | TPAD50 | Top | 2.4213 | 0.2756 | 61.5 | 7 | 0 |
| P18 | TPAD50 | Top | 2.4213 | 0.1575 | 61.5 | 4 | 0 |
| P19 | TPAD50 | Top | 1.0933 | 1.713 | 27.77 | 43.51 | 0 |
| P20 | TPAD50 | Top | 0.2878 | 2.3567 | 7.31 | 59.86 | 0 |
| PCB1 | NOPACKAGE | Top | 0.0984 | -0.0197 | 2.5 | -0.5 | 0 |
| R1 | RESC1608X55N | Top | 0.6102 | 2.4606 | 15.5 | 62.5 | 0 |
| R2 | RESC1608X55N | Top | 0.6102 | 2.5394 | 15.5 | 64.5 | 0 |
| R3 | RESC1608X55N | Top | 0.8366 | 2.0669 | 21.25 | 52.5 | 90 |
| R4 | RESC1608X55N | Top | 1.2598 | 3.0512 | 32 | 77.5 | 270 |
| R5 | RESC1608X55N | Top | 0.6102 | 2.3819 | 15.5 | 60.5 | 0 |
| R6 | RESC1608X55N | Top | 1.5551 | 2.5689 | 39.5 | 65.25 | 180 |
| R7 | RESC1608X55N | Top | 0.4035 | 3.4547 | 10.25 | 87.75 | 270 |
| R8 | RESC1608X55N | Top | 0.3051 | 3.4547 | 7.75 | 87.75 | 270 |
| R9 | RCL1218 | Top | 0.5512 | 0.8071 | 14 | 20.5 | 90 |
| R10 | RESC1608X55N | Top | 0.4961 | 2.189 | 12.6 | 55.6 | 90 |
| R11 | RESC1608X55N | Top | 1.5945 | 1.5551 | 40.5 | 39.5 | 90 |
| R12 | RESC1608X55N | Top | 1.1417 | 3.4055 | 29 | 86.5 | 0 |
| R13 | RESC1608X55N | Top | 0.9449 | 3.4055 | 24 | 86.5 | 0 |
| R14 | RESC1608X55N | Top | 1.3189 | 2.0276 | 33.5 | 51.5 | 270 |
| R15 | RESC1608X55N | Top | 0.748 | 3.4055 | 19 | 86.5 | 0 |
| R16 | RESC1608X55N | Top | 0.5512 | 3.4055 | 14 | 86.5 | 0 |
| R17 | RESC1608X55N | Top | 0.7382 | 1.752 | 18.75 | 44.5 | 90 |
| R19 | RESC1608X55N | Top | 0.6102 | 2.815 | 15.5 | 71.5 | 180 |
| R20 | RESC1608X55N | Top | 0.8976 | 3.0512 | 22.8 | 77.5 | 90 |
| R24 | RESC1608X55N | Top | 0.7638 | 3.0512 | 19.4 | 77.5 | 270 |
| R25 | RESC1608X55N | Top | 0.7677 | 3.2087 | 19.5 | 81.5 | 270 |
| R26 | RESC1608X55N | Top | 0.9646 | 3.2087 | 24.5 | 81.5 | 90 |
| R27 | RESC1608X55N | Top | 1.0236 | 3.0512 | 26 | 77.5 | 270 |
| R28 | RESC1608X55N | Top | 0.9606 | 3.0512 | 24.4 | 77.5 | 270 |
| R30 | RESC1608X55N | Top | 1.0866 | 3.0512 | 27.6 | 77.5 | 270 |
| R31 | RESC1608X55N | Top | 0.6102 | 2.3031 | 15.5 | 58.5 | 0 |
| R33 | RESC1608X55N | Top | 0.1969 | 1.8898 | 5 | 48 | 270 |
| R34 | RESC1608X55N | Top | 0.2185 | 1.7402 | 5.55 | 44.2 | 90 |
| R35 | RESC1608X55N | Top | 0.8661 | 1.3189 | 22 | 33.5 | 90 |
| R36 | RESC1608X55N | Top | 0.9646 | 1.3189 | 24.5 | 33.5 | 90 |
| R37 | RESC1608X55N | Top | 1.7323 | 2.5984 | 44 | 66 | 90 |
| R38 | RESC1608X55N | Top | 1.8307 | 1.8799 | 46.5 | 47.75 | 270 |
| R39 | RESC1608X55N | Top | 1.9882 | 2.0276 | 50.5 | 51.5 | 270 |
| R40 | RESC1608X55N | Top | 1.8701 | 2.0276 | 47.5 | 51.5 | 270 |
| R41 | RESC1608X55N | Top | 1.6339 | 2.0276 | 41.5 | 51.5 | 270 |
| R42 | TRIMPOT91 | Top | 2.3228 | 1.7913 | 59 | 45.5 | 0 |
| R43 | RESC1608X55N | Top | 1.9488 | 2.6083 | 49.5 | 66.25 | 270 |
| R44 | RESC1608X55N | Top | 2.185 | 2.6083 | 55.5 | 66.25 | 270 |
| R45 | RESC1608X55N | Top | 2.2835 | 2.6083 | 58 | 66.25 | 270 |
| R46 | POT-3310C | Top | 2.1823 | 3.5035 | 55.43 | 88.99 | 90 |
| R47 | TRIMPOT91 | Top | 2.3228 | 1.3386 | 59 | 34 | 0 |
| R48 | RESC1608X55N | Top | 2.1457 | 1.0827 | 54.5 | 27.5 | 180 |
| R49 | RESC1608X55N | Top | 2.3031 | 1.0827 | 58.5 | 27.5 | 0 |
| R50 | RESC1608X55N | Top | 1.998 | 3.189 | 50.75 | 81 | 270 |

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|---|---|---|---|---|---|---|---|
| R51 | RESC1608X55N | Top | 1.9882 | 1.0827 | 50.5 | 27.5 | 0 |
| R52 | TRIMPOT91 | Top | 2.3228 | 2.2441 | 59 | 57 | 0 |
| R53 | RESC1608X55N | Top | 1.5157 | 1.8799 | 38.5 | 47.75 | 270 |
| SH1 | NOPACKAGE | Top | 0.1378 | -0.0197 | 3.5 | -0.5 | 90 |
| SH2 | NOPACKAGE | Top | 0.1772 | -0.0197 | 4.5 | -0.5 | 90 |
| SH3 | NOPACKAGE | Top | 0.0591 | -0.0197 | 1.5 | -0.5 | 180 |
| SH6 | NOPACKAGE | Top | 0.0197 | -0.0197 | 0.5 | -0.5 | 0 |
| SW1 | SW-BOURNS-7914S | Top | 0.0984 | 2.4016 | 2.5 | 61 | 90 |
| SW2 | SW-BOURNS-7914S | Bottom | 0.5512 | 3.4449 | 14 | 87.5 | 0 |
| SW3 | SW-PWR | Top | 0.2362 | 2.7953 | 6 | 71 | 90 |
| SW4 | SW-BOURNS-7914S | Bottom | 0.8071 | 3.4449 | 20.5 | 87.5 | 0 |
| T1 | SM-LP-5001 | Top | 1.6732 | 0.3937 | 42.5 | 10 | 270 |
| T2 | SM-LP-5001 | Top | 2.1457 | 0.3937 | 54.5 | 10 | 270 |
| U1 | LQFP100-14 | Top | 1.122 | 2.5886 | 28.5 | 65.75 | 0 |
| U2 | SOT23-5L | Top | 0.502 | 1.8602 | 12.75 | 47.25 | 0 |
| U3 | SOT23-5L | Top | 1.378 | 3.1299 | 35 | 79.5 | 270 |
| U4 | ECOPACK-11 | Top | 1.5846 | 3.1102 | 40.25 | 79 | 0 |
| U5 | PSO-DDA | Top | 0.6299 | 1.5354 | 16 | 39 | 0 |
| U6 | SOT23-6 | Top | 2.0472 | 2.5787 | 52 | 65.5 | 180 |
| U7 | SOT23-6 | Top | 2.185 | 2.815 | 55.5 | 71.5 | 0 |
| U8 | SO08 | Top | 1.9488 | 2.9232 | 49.5 | 74.25 | 0 |
| U9 | SOT23-6 | Top | 1.6732 | 1.8602 | 42.5 | 47.25 | 180 |
| XTAL1 | XTAL-FY0800035 | Top | 1.1614 | 1.9488 | 29.5 | 49.5 | 90 |