

| Item | Qty | Reference                                 | Part Description                      | Manufacturer / Part #             | Kit Qty    |
|------|-----|---|---------------------------------------|-----------------------------------|------------|
|      |     |   |                                       | <b>NUMBER OF BOARDS =</b>         | <b>180</b> |
| 1    | 1   | COFFT                                     | CAP., 0.068uF, X5R, 25V, 10%, 0603    | AVX, 06033D683KAT2A               | 180        |
| 2    | 1   | CO  | CAP., 0.47uF, X5R, 16V, 20%, 0603     | AVX, 0603YD474MAT2A               | 180        |
| 3    | 1   | CONT                                      | CAP., 0.022uF, X7R, 50V, 5%, 0603     | AVX, 06035C223JAT2A               | 180        |
| 4    | 1   | CVS                                       | CAP., 0.47uF, X5R, 50V, 10%, 0805     | TAIYO YUDEN, UMK212BJ474KG-T      | 180        |
| 5    | 0   | CV1,CV2                                   | CAP., OPTION, 0603                    | OPT                               | 0          |
| 6    | 1   | C1  | CAP., 0.1uF, X7R, 50V, 10%, 0603      | AVX, 06035C104KAT2A               | 180        |
| 7    | 1   | C2  | CAP., 1000pF, X7R, 16V, 10%, 0603     | AVX, 0603YC102KAT2A               | 180        |
| 8    | 3   | D1,D2,D3                                  | LED, ORANGE                           | ROHM, SML-012D8TT86               | 540        |
| 9    | 1   | D4  | LED, GREEN                            | ROHM, SML-012P8TT86               | 180        |
| 10   | 1   | D5  | LED, RED                              | ROHM, SML-012V8TT86               | 180        |
| 11   | 11  | E1,E8,E10,E11,E12,E13,E14,E19,E20,E21,E22 | TEST POINT, TURRET, 0.094", MTG. Hole | MILL-MAX, 2501-2-00-80-00-00-07-0 | 1980       |
| 12   | 10  | E2,E3,E4,E5,E6,E7,E9,E15,E17,E18          | TEST POINT, TURRET, 0.064" MTG. Hole  | MILL-MAX, 2308-2-00-80-00-00-07-0 | 1800       |
| 13   | 4   | JP1,JP3,JP4,JP5                           | CONN., HEADER, 1X3, 2mm, THT          | SAMTEC, TMM-103-02-L-S            | 720        |
| 14   | 5   | <b>SHUNTS ON JP1-JP5 (ASSY DWG)</b>       | CONN., SHUNT, FEMALE, 2 POS, 2mm      | SAMTEC, 2SN-BK-G                  | 900        |
| 15   | 1   | JP2                                       | CONN., HEADER, 2X3, 2mm, THT          | SAMTEC, TMM103-02-L-D             | 180        |
| 16   | 0   | J1,J2                                     | SHUNT, RES., 0, 0603                  | OPT                               | 0          |
| 17   | 1   | R1  | RES., 365k OHMS, 1%, 1/10W, 0603      | VISHAY, CRCW0603365KFKEA          | 180        |
| 18   | 6   | R2,R4,R10,R14,R15,R18                     | RES., 100k OHMS, 1%, 1/10W, 0603      | VISHAY, CRCW0603100KFKEA          | 1080       |
| 19   | 1   | R3  | RES., 511k OHMS, 1%, 1/10W, 0603      | VISHAY, CRCW0603511KFKEA          | 180        |
| 20   | 5   | R5,R6,R7,R8,R11                           | RES., 100 OHM, 1%, 1/10W, 0603        | VISHAY, CRCW0603100RFKEA          | 900        |
| 21   | 1   | R9  | RES., 845k OHMS, 1%, 1/10W, 0603      | VISHAY, CRCW0603845KFKEA          | 180        |
| 22   | 1   | R12                                       | RES., 1k OHM, 1%, 1/10W, 0603         | VISHAY, CRCW06031K00FKEA          | 180        |
| 23   | 1   | R13                                       | RES., 105k OHMS, 1%, 1/10W, 0603      | VISHAY, CRCW0603105KFKEA          | 180        |
| 24   | 0   | R16,R17 (OPT)                             | RES., 511k OHMS, 1%, 1/10W, 0603      | OPT                               | 0          |
| 25   | 1   | SW1                                       | SWITCH, TACT, WHITE, 2.5mm Height     | Wurth Elektronik, 434111025826    | 180        |
| 26   | 1   | U1  | IC, QFN-20                            | LINEAR TECH., LTC2952CUF#PBF      | 180        |
| 27   | 2   | U3,U2                                     | XSTR., MOSFET                         | VISHAY, Si7923DN-T1-E3            | 360        |
| 28   | 1   | U4  | IC, MSOP-8                            | LINEAR TECH., LT3010EMS8E#PBF     | 180        |
| 29   | 1   |   | STENCIL, DC1033B-1 (TOP ONLY)         | STENCIL DC1033B-1                 | 1          |