|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **ITEM** | **QTY** | **REFERENCE** | **PART DESCRIPTION** | **MANUFACTURER** | **PART NUMBER** |
| 1 | 1 | PCB | PCB | ANALOG DEVICES | 08\_059797a |
| 2 | 2 | C1,C2 | CAP 68nF 16V CER X7R 0402 | SAMSUNG | CL05B683KO5NNNC |
| 3 | 1 | C10 | CAP 10pF 50V CER C0G 0402 | VISHAY | VJ0402A100JXAAP54 |
| 4 | 1 | C11 | CAP 47nF 25V CER X7R 0402 | MURATA | GCM155R71E473KA55D |
| 5 | 1 | C12 | CAP 1nF 25V CER X7R 0402 (Note ) | TDK | CGJ2B2X7R1E102K050BA |
| 6 | 2 | C4,C13 | CAP 22uF 25V CER X7R 1812 | TDK | C4532X7R1E226M250KC |
| 7 | 2 | C14,C15 | CAP TBD CER 0402 (Note ) | TBD | TBD |
| 8 | 1 | C3 | CAP 4.7uF 6.3V CER X7R 0603 | SAMSUNG | CL10B475KQ8NQNC |
| 9 | 1 | C5 | CAP 1uF 25V CER X5R 0603 | AVX CORP | 06033D105KAT2A |
| 10 | 1 | C6 | CAP 10uF 50V CER X7R 2220 | TDK | C5750X7R1H106M |
| 11 | 1 | C7 | CAP 330UF 50V ALUM 10.3x10.5 (Note ) | PANASONIC | EEEFT1H331AP |
| 12 | 1 | C8 | CAP 1uF 50V CER X7R 1206 | AVX | 12065C105KAT2A |
| 13 | 1 | C9 | CAP 4.7nF 25V CER X7R 0402 | SAMSUNG | CL05B472KA5NNNC |
| 14 | 1 | D1 | DIODE SCHOTTKY RECT 1A | NXP SEMI | PMEG2010AEH,115 |
| 15 | 1 | D2 | DIODE SCHOTTKY RECT 2A | NEXPERIA | PMEG6020ER |
| 16 | 1 | INPUT | CONN-PCB MALE HEADER 3POS 2.54MM PITCH R/A | SULLINS | PBC03SBAN |
| 17 | 1 | L1 | IND 6.8uH 6.01A 0.0163-OHM | COILCRAFT INC. | MSS1048-682NLB |
| 18 | 1 | OUTPUT | CONN FEMALE 3POS 2.54MM PITCH R/A | SULLINS | PPPC031LGBN-RC |
| 19 | 1 | P1 | CONN-PCB 3POS HEADER WIRE TO BRD WAFER ASSY STRAIGHT 2MM PITCH | MOLEX | 53253-0370 |
| 20 | 1 | R1 | RES 2M 1% THICK FILM 0805 | YAGEO | RC0805FR-072ML |
| 21 | 1 | R10 | RES 0-OHM THICK FILM 0805 | VISHAY | CRCW08050000Z0EA |
| 22 | 4 | R6,R9,R11,R12 | RES 0-OHM THICK FILM 0805 (Note ) | VISHAY | CRCW08050000Z0EA |
| 23 | 1 | R2 | RES 499K 1% THICK FILM 0805 | PANASONIC | ERJ-6ENF4993V |
| 24 | 1 | R3 | RES 10.0K 1% THICK FILM 0805 | PANASONIC | ERJ-6ENF1002V |
| 25 | 1 | R4 | RES 27.4K 1% THICK FILM 0402 | PANASONIC | ERJ-2RKF2742X |
| 26 | 1 | R5 | RES 1M 1% THICK FILM 0805 | YAGEO | RC0805JR-071ML |
| 27 | 1 | R7 | RES 49.9 1% THICK FILM 0805 (Note ) | TBD0402 | TBD0402 |
| 28 | 1 | R8 | RES PRECISION THICK FILM CHIP | PANASONIC | ERJ-6ENF49R9V |
| 29 | 1 | U1 | IC 40V, 1A SYNCHRONOUS BUCK-BOOST DC/DC CONVERTER WITH PROGRAMMABLE OUTPUT CURRENT | ANALOG DEVICES | LTC3114MPDHC-1#PBF |
| 30 | 1 | VIOC | CONN FEMALE 2POS 2.54MM PITCH R/A | SULLINS | PPPC021LGBN-RC |