|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **ITEM** | **QTY** | **REFERENCE** | **PART DESCRIPTION** | **MANUFACTURER** | **PART NUMBER** |
| 1 | 1 | PCB | PCB | ANALOG DEVICES | 08\_051143c |
| 2 | 1 | C1 | CAP 1uF 50V CER X7R 0603 | TAIYO YUDEN | HMK316B7105KL-T |
| 3 | 2 | C7,C10 | CAP 1uF 50V X5R CER 0603 | SAMSUNG | CL10A105KB8NNNC |
| 4 | 2 | C11,C12 | CAP 0.1uF 50V CER X5R 0402 | YAGEO | CC0402KRX5R9BB104 |
| 5 | 3 | C5,C8,C13 | CAP TBD CER 0603 (Note ) | TBD0603 | TBD0603 |
| 6 | 1 | C14 | CAP 33uF 50V ALUM 6.6X6.6MM | UNITED CHEMI CON | EMVH500ADA330MF80G |
| 7 | 2 | C2,C4 | CAP 10uF 50V CER X5R 1206 | SAMSUNG | CL31A106MBHNNNE |
| 8 | 1 | C3 | CAP 10uF 50V CER X5R 1206 (Note ) | SAMSUNG | CL31A106MBHNNNE |
| 9 | 1 | C6 | CAP 0.22uF 25V CER X7R 0603 | WURTH ELEKTRONIK | 8.85012E+11 |
| 10 | 1 | C9 | CAP 1.5nF 25V CER X7R 0805 | WURTH ELEKTRONIK | 8.85012E+11 |
| 11 | 2 | D1,D2 | DIO SCHOTTKY BARRIER RECTIFIER, 2A (Note ) | DIODES INC | DFLS260-7 |
| 12 | 1 | D3 | DIO SCHOTTKY BARRIER RECTIFIER, 2A | DIODES INC | DFLS260-7 |
| 13 | 1 | INPUT | CONN MALE 3POS 2.54MM PITCH R/A | SULLINS | PBC03SBAN |
| 14 | 1 | J1 | CONN-PCB STRAIGHT SMA PCB DIE CAST (Note ) | TE CONNECTIVITY LTD | 5-1814832-1 |
| 15 | 1 | L1 | 6.8uH 1.25A, 146mOHM INDUCTOR | WURTH ELEKTRONIK | 74489430068 |
| 16 | 1 | L2 | 6.8Uh 2.05a 55mOHM INDUCTOR (Note ) | TDK | 82472G4682M000 |
| 17 | 1 | OUTPUT | CONN FEMALE 3POS 2.54MM PITCH R/A | SULLINS | PPPC031LGBN-RC |
| 18 | 1 | P1 | CONN-PCB 3POS HEADER WIRE TO BRD WAFER ASSY STRAIGHT 2MM PITCH  (Note ) | MOLEX | 53253-0370 |
| 19 | 1 | R1 | RES 1M 1% THICK FILM 0805 | YAGEO | RC0805JR-071ML |
| 20 | 1 | R10 | RES 20.0K 1% THICK FILM 0805 | PANASONIC | ERJ-6ENF2002V |
| 21 | 3 | R2,R12,R27 | RES 0-OHM 1% THICK FILM 0805 (Note ) | VISHAY | CRCW08050000Z0EA |
| 22 | 2 | R3,R13 | RES TBD THICK FILM 0805 (Note ) | TBD0805 | TBD0805 |
| 23 | 2 | R4,R14 | RES 0-OHM 1% THICK FILM 0805 | VISHAY | CRCW08050000Z0EA |
| 24 | 1 | R6 | RES 1M 1% THICK FILM 0805 | PANASONIC | ERJ-6ENF1004V |
| 25 | 1 | R8 | RES 154K 1% THICK FILM 0805 | PANASONIC | ERA-6AEB1543V |
| 26 | 1 | R9 | RES 40.2K 1% THICK FILM 0805 | VISHAY | PAT0805E4022BST1 |
| 27 | 1 | U1 | IC LOW IQ BOSS/SEPIC/INVERTING CONVERTER WITH 2A, 60V SW | LINEAR TECHNOLOGY | LT8362EDD#PBF |
| 28 | 1 | VIOC | CONN FEMALE 2POS 2.54MM PITCH R/A | SULLINS | PPPC021LGBN-RC |