

AMP11 kit (36V)

| Component | Q | Type |
|--|---|------|
| Bag 0 AMP11 PCB | 1 | - |
| Pos PCB | | |
| Bag 1 Cap 160V Film 0.22uF Polyprop RM10 | 3 | hmt |
| Pos C25,C36,C28 | | |
| Bag 1 Cap 160V Film 0.1uF Polyprop RM10 5x13mm | 1 | hmt |
| Pos C32 | | |
| Bag 1 Cap 50V Elect 3.3uF Low ESR D5 | 1 | hmt |
| Pos C200 | | |
| Bag 1 Cap 10V Elect 1000uF Low ESR | 1 | hmt |
| Pos C1 | | |
| Bag 1 Cap 50V Elect 180uF U-Low ESR D8 | 2 | hmt |
| Pos C50,C51 | | |
| Bag 2 Res 2.2Kohm 1/10W 0.5% 0805 | 7 | smt |
| Pos R3,R12,R59,R81,R82,R83,R84 | | |
| Bag 2 Ferrite chip 60 Ohm 3000mA 0805 | 1 | smt |
| Pos L5 | | |
| Bag 2 Res 47Kohm 1/10W 0.5% 0805 | 2 | smt |
| Pos R29,R31,alternate values | | |
| Bag 2 Res 120R 1/10W 0.5% 0805 | 1 | smt |
| Pos R57 | | |
| Bag 2 Cap 50V Cer 1000pF X7R 0805 | 2 | smt |
| Pos C81,C82 | | |
| Bag 2 Cap 50V Cer 390pF NP0/COG 0805 | 2 | smt |
| Pos C40,C41 | | |
| Bag 2 Res Ax. Met. Film 1W 6.5mm 15ohm | 1 | hmt |
| Pos R2 | | |
| Bag 2 Cap 50V Elect 22uF U-Low ESR D5 RM2 | 1 | hmt |
| Pos C91 | | |
| Bag 3 Trim pot Cerm 5Kohm 25TRN Top | 1 | hmt |
| Pos POT1 | | |
| Bag 3 Res 510Kohm 1/10W 0.5% 0805 | 2 | smt |
| Pos R4,R26 | | |
| Bag 3 Res 22.0Kohm 1/10W 0.5% 0805 | 4 | smt |
| Pos R29,R31,alternate values | | |
| Bag 3 Res 20R 1/4W 5% 1206 SMD | 1 | smt |
| Pos R51 | | |
| Bag 3 Cap 50V Cer 33pF NP0 0805 | 1 | smt |
| Pos C90 | | |
| Bag 3 Res Ax. Met. Film 2W 10mm 15R | 1 | hmt |
| Pos R50 | | |
| Bag 4 Res 39.0Kohm 1/10W 0.5% 0805 | 3 | smt |
| Pos R19,R27 + alt for R29, R31 | | |
| Bag 4 Cap 50V Elect 1000uF U-low ESR D16 | 2 | hmt |
| Pos C101,C102 | | |
| Bag 4 Res 220Kohm 1/10W 0.5% 0805 | 2 | smt |
| Pos R52,R54 | | |

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| Bag 4 Res 8.25Kohm 1/10W 0.5% 0805 | 3 | smt |
| Pos R5,(R103,R114 alt value) | | |
| Bag 4 Res 1.0Kohm 1/10W 0.5% 0805 | 4 | smt |
| Pos R22,R30, (R3,R12 alt value) | | |
| Bag 4 Res 249R 1/10W 0.5% 0805 | 1 | smt |
| Pos R110 | | |
| Bag 4 Res 12.0K ohm 1/10W 0.5% 0805 | 2 | smt |
| Pos R103,R114,alternate values | | |
| Bag 5 Cap 50V Cer 0.1uF X7R 0805 | 15 | smt |
| Pos C3,C4,C7,C10,C12,C14,C18,C21,C22,C24,C30,C31,C35,C110,C112 | | |
| Bag 5 Cap 100V Cer 330pF NP0 0805 | 1 | smt |
| Pos C13 | | |
| Bag 5 Res 5.6Kohm 1/10W 0.5% 0805 | 2 | smt |
| Pos R103,R114 | | |
| Bag 5 Res 10Kohm 1/10W 0.5% 0805 | 6 | smt |
| Pos R37,R40,R45,R53,R103,R114 | | |
| Bag 5 Res 750R 1/10W 0.5% 0805 | 2 | smt |
| Pos R56,R111 | | |
| Bag 5 Toroid T80-2 | 2 | - |
| Pos L1,L3 | | |
| Bag 5 Cap 10V Cer 1.0uF X7R 0805 | 2 | smt |
| Pos C55,C56 | | |
| Bag 5 Copper wire 0.6mm x 1.25m x 2 | 1 | - |
| Pos L1,L3 | | |
| Bag 6 Tripath TP2050 | 1 | smt ^α |
| Pos U2 | | |
| Bag 6 LED 3mm Hi-eff Red Diffused | 4 | hmt ^α |
| Pos | | |
| Bag 6 MCP101 Superv. 4.85V A-high D-bond TO-92 | 1 | hmt ^α |
| Pos U10 | | |
| Bag 6 MOSFET P-ch 50V 130mA SOT-23 (SP) | 3 | smt ^α |
| Pos Q4,Q5,Q6 | | |
| Bag 6 Voltage Reg Adj 1.5A TO-220 | 1 | hmt ^α |
| Pos Q10 | | |
| Bag 6 Voltage Reg Pos Adj 100mA TO-92 | 1 | hmt ^α |
| Pos Q2 | | |
| Bag 6 Tripath TC2001 | 1 | smt ^α |
| Pos U1 | | |

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Notes:
^α = ESD sensitive
hmt=Hole Mount
smt=Surface Mount