

AMP32 kit

Component	Q	Type
Bag 0 AMP32 PCB	1	-
Pos PCB		
Bag 1 Cap 50V Elect 3.3uF Low ESR D5	2	hmt
Pos C14,C15		
Bag 1 Cap 25V Cer 1uF X7R 10% 1206	1	smt
Pos C5		
Bag 1 Cap 16V Elect 330uF U-low ESR D8	2	hmt
Pos C18,C19		
Bag 1 Cap 25V Elect 10uF std Low Prof	1	hmt
Pos C2		
Bag 1 Res 22.0Kohm 1/10W 0.5% 0805	4	smt
Pos R2,R4,R5,R6		
Bag 1 Cap 50V Cer 10000pF X7R 0805	2	smt
Pos C29,C30		
Bag 2 Cap 50V Cer 0.1uF X7R 0805	8	smt
Pos C1,C3,C7,C9(=C17),C16,C20,C26,C50		
Bag 2 Ferrite chip 60 Ohm 3000mA 0805	1	smt
Pos L11		
Bag 2 Res 10R 1/4W 1% 1206	2	smt
Pos R9,R10		
Bag 2 Cap 50V Cer 0.22uF X7R 0805	2	smt
Pos C12,C13		
Bag 2 Cap 25V Cer 0.47uF 10% X7R 0805	4	smt
Pos C22,C25,C27,C28		
Bag 2 Res 1.0Mohm 1/8W 5% 0805	1	smt
Pos R1		
Bag 3 Res 47Kohm 1/10W 0.5% 0805	2	smt
Pos (R2,R4,R5,R6 alternative values)		
Bag 3 Cap 50V Cer 1000pF X7R 0805	1	smt
Pos C21		
Bag 3 Cap 50V Cer 100pF NP0 0805	2	smt
Pos C23,C24		
Bag 3 Res 8.2Kohm 1/10W 0.5% 0805	1	smt
Pos R7		
Bag 4 Res 5.6Kohm 1/10W 0.5% 0805	1	smt
Pos R3		
Bag 4 Ferrite 6A 50 ohm 1206 SMD	1	smt
Pos L10		
Bag 4 Cap 10V Cer 2.2uF 10% X7R 0805	2	smt
Pos C14,C15 alternative type		
Bag 4 Dual inductor 10uH 5A SMD	2	smt
Pos L1,L2		
Bag 5 Tripath TA2021B	1	smt [□]
Pos U1		
Bag 5 LED 3mm Hi-eff Red Diffused	1	hmt [□]
Pos Off board		
Bag 5 Diode Schottky 1A 60V SMA	8	smt [□]
Pos D5,D6,D7,D8,,D9,D10,D11,D12		
Bag 5 MOSFET N-ch 115mA 60V SOT23 (702)	1	smt [□]

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Notes:
⌘ = ESD sensitive
hmt=Hole Mount
smt=Surface Mount