

1: MA-3D Three Phase Amplifier for BLDC Motor Revised: Tuesday, May 09, 2017

2: Revision: A

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10: Bill Of Materials May 9,2017 15:02:25 Page1

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12: Item	Qty	Reference	Part	PCB FootPrint	Mouser PN
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15: 1	8	C1,C2,C3,C4,C17,C18,C19, C20	.22U	5MM	810-FG28X7R1H224KT0
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17: 2	7	C5,C6,C10,C11,C14,C15,C16	6U8	5MM	T350C685K016
18: 3	4	C7,C8,C12,C13	1U	5MM	T350A105K025AT
19: 4	1	C9	6U8	6.3MM	647-UPM2A6R8MED
20: 5	1	C21	1000u	10MM	661-EKYB350E102MJ30S
21: 6	4	L1,L2,L3,L4	100UH	MSS1278	994-MSS1278104MLD
22: 7	1	P1	2.1MM		806-KLDX0202-A
23: 8	1	P2	HEADER 6		571-282834-6
24: 9	1	P3	HEADER 3		571-282834-3
25: 10	3	RV1,RV2,RV3	10K 10T	6MM	81-PV36W103C01B00
26: 11	5	R1,R2,R3,R5,R6	39K	5MM	299-39K-RC
27: 12	1	R4	10R	5MM	299-10-RC
28: 13	2	U2,U1	TPA3125D2	DIP20	595-TPA3125D2N
29: 14	1	U3	7812	TO220	511-L7812CV
30: 15	1		Wall Adapter 15V 1A		TRG1515A11E03VI