

BM2P161W-EVK-001 Parts List



Part Reference	Qty.	Type	Value	Description	Part Number	Manufacture	Configuration mm (inch)
C1	1	Film	0.1 μ F	X2	890324023023CS	Würth	-
C3	1	Electrolytic	33 μ F	450V	450BXW33MEFR12.5X25	Rubycon	-
C5	1	Ceramic	2.2 μ F	35V, X7R, \pm 10%	UMK316B7225KL-T	Taiyo Yuden	3216 (1206)
C7	1	Electrolytic	470 μ F	35V, Low-Z	UPW1V471MPD	Nichicon	
C8	1	Ceramic	0.1 μ F	100V, X7R, \pm 20%	HMK107B7104MA-T	Taiyo Yuden	1608 (0603)
CN1	1	Connector	-	2pin	B2P-NV	JST	-
D1	1	FRD	3A	600V	RFN3BM6S	ROHM	TO-252
D2	1	Diode	0.2A	600V	RRE02VSM6S	ROHM	TUMD2SM
DB1	1	Bridge	1A	800V	D1UBA80	Shindengen	SOPA-4
F1	1	Fuse	1.0A	300Vac	36911000000	Littelfuse	-
IC1	1	AC/DC Converter	-	-	BM2P161W-Z	ROHM	DIP7
L1	1	Coil	150 μ H	2.4A	XF1501Y-151	Alpha Trans	Φ 13.5
LF1	1	Line Filter	13mH	1A	XF1482Y	Alpha Trans	-
R1	1	Resistor	10k Ω	0.25W, \pm 5%	MCR18EZPJ103	ROHM	3216 (1206)
ZNR1	1	Varistor	-	470V, 400A	V470ZA05P	Littelfuse	-

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