

BM2P129TF-EVK-002 Parts list



Part Reference	Qty.	Type	Value	Description	Part Number	Manufacture	Configuration mm (inch)
C1	1	Film	0.1μF	X2	890 334 025 017 CS	Würth	-
C2	1	Electrolytic	12μF	400V, ±20%	400BXW12MEFR10X16	Rubycon	-
C3	1	Ceramic	1uF	25V, X7R, ±20%	TMK107B7105MA-T	Taiyo Yuden	1608 (0603)
C4	1	Electrolytic	220uF	25VV, ±20%	860 080 474 010	Würth	-
C5	1	Ceramic	0.1uF	50V, X7R, ±20%	HMK107B7104MA-T	Taiyo Yuden	1608 (0603)
CN1	1	Connector	-	2pin	B2P-VH	JST	-
D1	1	FRD	1A	1000V	1N4007-GP	Vishay	-
D2	1	FRD	0.8A	600V	RFN1LAM6S TR	ROHM	PMDS
D3	1	Diode	0.2A	600V	RRE02VSM6S	ROHM	TUMD2SM
F1	1	Fuse	1A	250V	39211000000	Littelfuse	-
IC1	1	AC/DC Converter	-	-	BM2P129TF	ROHM	SOP8
L1	1	Coil	470μH	0.25A	DRV060-471	Alphatrans	-
L2	1	Coil	220μH	1.2A	744 747 122 1	Würth	-
R1	1	Resistor	47Ω	2W, ±5%	ERG-2SJ470	Panasonic	-
R2	1	Resistor	10kΩ	0.1W, ±5%	MCR10EZPJ103	ROHM	2012 (0805)

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