

BM2P189TF-EVK-001 Parts list



Part Reference	Qty.	Type	Value	Description	Part Number	Manufacture	Configuration mm (inch)
C1	1	Electrolytic	4.7 μ F	400 V, \pm 20%	860 021 374 008	Wurth	-
C2	1	Electrolytic	100 μ F	50 V, \pm 20%	860 080 674 009	Wurth	-
C3	1	Ceramic	1 μ F	25 V, X7R, \pm 20%	TMK107B7105MA-T	Taiyo Yuden	1608 (0603)
C4	1	Ceramic	0.1 μ F	100 V, X7R, \pm 20%	HMK107B7104MA-T	Taiyo Yuden	1608 (0603)
CN1	1	Connector	-	2pin	B2P-VH	JST	-
D1	1	FRD	0.8 A	600 V	RFN1LAM6S	ROHM	PMDS
D2	1	Diode	0.2 A	600 V	RRE02VSM6S	ROHM	TUMD2SM
DB1	1	Bridge	1 A	800 V	D1UBA80-7062	Shindengen	SOPA-4
F1	1	Fuse	1 A	250 V	39211000000	Littelfuse	-
IC1	1	AC/DC Converter	-	-	BM2P189TF	ROHM	SOP8
L1	1	Coil	470 μ H	0.5 A	744 747 147 1	Wurth	-
R1	1	Resistor	10k Ω	0.1 W, \pm 5%	MCR10EZPJ103	ROHM	2012 (0805)

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