

# BM1Z102FJ-EVK-001 Parts list

Item		Specifications	Parts name	Manufacture
Connector	CN1		B02P-NV	JST
Capacitor	C1	0.1 $\mu$ F, 275 V	890324023023CS	WURTH ELECTRONIK
	C2	4.7 $\mu$ F, 400 V	860021374008	WURTH ELECTRONIK
	C3	220 $\mu$ F, 25 V	860080474010	WURTH ELECTRONIK
	C4	2.2 $\mu$ F, 35 V	UMK212BB7225KG-T	TAIYO YUDEN
	C5	0.1 $\mu$ F, 100 V	HMK107B7104MA-T	TAIYO YUDEN
	C7	0.1 $\mu$ F, 100 V	HMK107B7104MA-T	TAIYO YUDEN
	C8	1 $\mu$ F, 50 V	UMK212BJ105KG-T	TAIYO YUDEN
Diode-Bridge	DA1	1 A, 800 V	D1UBA80-7062	SHINDENGEN
Diode	D1	1 A, 1000 V	1N4007	MCCSEMI
	D2	1 A, 1000 V	1N4007	MCCSEMI
	D3	FRD, 0.8 A, 600 V	RFN1LAM6S	ROHM
	D4	0.2 A, 600 V	RRE02VSM6S	ROHM
Fuse	F1	1 A, 300 V	36911000000	LITTELFUSE
IC	IC1		BM1Z102FJ	ROHM
	IC2		BM2P129TF	ROHM
	IC3		BD50FA1FP3-ZTL	ROHM
Coil	L1	220 $\mu$ H	7447471221	WURTH ELECTRONIK
Resistor	R1	100 $\Omega$	MCR18EZPJ101	ROHM
	R2	100 $\Omega$	MCR18EZPJ101	ROHM
	R3	100 k $\Omega$	MCR03EZPJ104	ROHM
	R4	100 $\Omega$	MCR03EZPJ101	ROHM
	C6	33 k $\Omega$	MCR03EZPJ333	ROHM
Pin	TP	Red	LC-2-G	
	TP	Orange	LC-2-G	
	TP	Black	LC-2-G	

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