

BM2P134E-EVK-001 Parts list

Item	Specifications	Parts name	Manufacture
Diode Bridge	BR1	1 A, 1000 V	DF10S DIODES Inc
Capacitor	C1,C2	0.22 μ F, 310 Vac	890334023028 WURTH ELECTRONIK
	C3		NON MOUNTED
	C4	47 μ F, 450 V	UCY2W470MHD6TN NICHICON
	C5,C9	1000 pF, 100 V	HMK107B7102KA-T TAIYO YUDEN
	C6		NON MOUNTED
	C7	4.7 μ F, 50 V	UVZ1H4R7MDD1TD NICHICON
	C8	2200 pF, 630 V	GRM31A7U2J222JW31 MURATA
	C10,C16	0.1 μ F, 100 V	HMK107B7104KA-T TAIYO YUDEN
	C12		NON MOUNTED
	C13	2200 pF, 300 V	DE1E3RA222MJ4BP01F MURATA
	C14	220 pF, 630 V	GRM31A5C2J221JW01D MURATA
	C15	1000 μ F, 35 V	UPA1V102MPD NICHICON
	C17		NON MOUNTED
	C18		NON MOUNTED
R24	10 μ F, 35 V	GMK316AB7106ML-TR TAIYO YUDEN	
Connector	CON1,CON2		691213710002 WURTH ELECTRONIK
Diode	D3	FRD, 0.8 A, 700 V	RFN1LAM7S ROHM
	D4	FRD, 0.5 A, 200 V	RF05VAM25TR ROHM
	D5	SBD, 10 A, 150 V	RB088BGE150 ROHM
Fuse	F1	2 A, 300 V	36912000000 LITTELFUSE
PhotoCoupler	ISO1		LTV-817-B LITEON
Inductor	L1	20 mH	744823220 WURTH ELECTRONIK
	L3	-	SHORT -
-	Q1		NON MOUNTED
Resistor	R1,R2,R3	560 k Ω	ESR18EZPJ564 ROHM
	R4		NON MOUNTED
	R5		NON MOUNTED
	R6		NON MOUNTED
	R8,R9	2.2 M Ω	ESR18EZPJ225 ROHM
	R10	33 k Ω	MCR03EZPJ333 ROHM
	R11	0.68 Ω	MCR100JZHFLR680 ROHM
	R13	47 k Ω	ERG2SJ473E PANASONIC
	R14	10 Ω	MCR18EZPJ100 ROHM
	R15	5.1 k Ω	MCR03EZPJ512 ROHM
	R16	27 k Ω	ESR03EZPJ273 ROHM
	R17	100 Ω	ESR18EZPJ101 ROHM
	R18,R19	1 k Ω	MCR03EZPJ102 ROHM
	R20	10 k Ω	MCR03EZPJ103 ROHM
	R21	36 k Ω	MCR03EZPPFX3602 ROHM
	R22	5.6 k Ω	MCR03EZPPFX5601 ROHM
	R23	11 k Ω	MCR03EZPPFX1102 ROHM
	R25		NON MOUNTED
	R26		NON MOUNTED
	RV1	320 V, 1.2 KA, ϕ 7 mm	V07E320P LITTELFUSE
Transformer	TR1	EE20/10/6	XE2436 A ALPHA TRANS
IC	U2		BM2P134E-Z ROHM
	U3		TL431BIDBZT TI

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