

BM2SC123FP2-EVK-001 Parts list

	Item	Specifications	Parts name	Manufacture
SCREW	-		SEMS-SCREW-P4-3X8	TOMOHO
CL	C1,C2,C3,C4,C5	2200 pF, 300 V	DE1E3RA222MJ4BP01F	MURATA
CFL	C6,C7	33 nF, 1600 V	B32672L1333J	TDK
CAL	C8,C9,C10	180 μF, 400 V	860021381024	WURTH ELECTRONIK
CAP	C11,C24	1000 pF, 100 V	HMK107B7102KA-T	TAIYO YUDEN
CAP	C12	47 pF, 250 V	GRM1885C2E470JW07	MURATA
CAP	C13	10 μF, 50 V	GRM31CD71H106KE11	MURATA
CAL	C14	22 μF, 50 V	UHD1H220MDD	NICHICON
OTHER	C15	-	NON MOUNTED	-
CL	C16	2200 pF, 1000 V	RDER73A222K2K1H03B	MURATA
CAP	C18	680 pF, 1000 V	GRM31B5C2J681FW01L	MURATA
CAL	C19,C20	470 μF, 35 V	EKZE350ELL471MJ20S	UNITED CHEMI-CON
CAL	C21	220 μF, 35 V	UHD1V221MPD	NICHICON
CAP	C22	10 μF, 50 V	GRM31CD71H106KE11	MURATA
CAP	C23	0.1 μF, 100 V	HMK107B7104MA-T	TAIYO YUDEN
CN	CN1	-	691250910003	WURTH ELECTRONIK
CN	CN2	-	691250610003	WURTH ELECTRONIK
CN	CN3	-	691101710002	WURTH ELECTRONIK
DI	D1,D2,D10,D11,D12,D13,D14	1 A, 1200 V	D1FK120	SHINDENGEN
ZD	D3,D4	Zener Diode, 200 V	1.5KE200A	LITTELFUSE
FRD	D5,D6	FRD, 1 A, 1000 V	UF4007	ON SEMICONDUCTOR
DI	D7	0.1 A, 80 V	1SS355VM	ROHM
DI	D8	0.2 A, 400 V	RRE02VSM4S	ROHM
FRD	D9	FRD, 20 A, 300 V	RF2001T3DNZ	ROHM
HS	HS2	22.9 k/W	IC-1625-STL	SANKYO THRMOTECH
IC	IC1	-	BM2SC123FP2-LBZ	ROHM
IC	IC2	-	TL431B1DBZT	TI
L	L1,L2	1000 μH	768772102	WURTH ELECTRONIK
L	L3	2.2 μH	7447462022	WURTH ELECTRONIK
PC	PC1	-	LTV-817M-B	LITEON
RES	R1,R2,R3	10 Ω	PR02FS0201009KR500	VISHAY
RES	R4,R5,R6,R7,R8,R9	470 kΩ	MCR18EZPJ474	ROHM
RES	R10,R11	1 MΩ	KTR18EZPJ105	ROHM
RES	R12,R13	470 kΩ	KTR18EZPJ474	ROHM
RES	R14	0.47 Ω	LTR100JZPFLR470	ROHM
RES	R15	100 kΩ	KTR03EZF1003	ROHM
RES	R16,R20	10 Ω	MCR25JZHJ100	ROHM
RES	R17	12 kΩ	MCR03EZF1202	ROHM
RES	R18	10 Ω	MCR18EZPJ100	ROHM
RES	R19	220 kΩ	PR03000202203JAC00	VISHAY
RES	R21	82 kΩ	MCR03EZF1002	ROHM
RES	R22	4.7 kΩ	MCR03EZF1001	ROHM
RES	R23,R26	10 kΩ	MCR03EZF1002	ROHM
RES	R24	2.2 kΩ	MCR03EZF1001	ROHM
RES	R25	1 kΩ	MCR03EZF1001	ROHM
RES	R27	30 kΩ	MCR03EZF1001	ROHM
RES	R28,R29	470 kΩ	KTR18EZPJ225	ROHM
T	T1	PQ3230	750344945	WURTH ELECTRONIK

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