

Filename: PMP7936_REVA_LM5050-1_BOM.xls

Variant: None

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LM5050-1 Reverse Battery Protection

Designator	Description	Manufacturer	PartNumber	Quantity
!PCB	Printed Circuit Board	Any	PMP7936-1	1
.GND, GND., Off	Test Point, TH, Multipurpose, White	Keystone Electronics	5012	3
C1	Ceramic, X7R, 100V, 10%	Vishay-Vitramon	VJ1825Y105KBBAT4X	1
C2	AL, 100V, 20%, 1.3 Ohm ESR	Panasonic	EEE-FK2A220P	1
C3	CAP, CERM, 0.1uF, 100V, +/-10%, X7R, 1210	MuRata	GRM32NR72A104KA01L	1
D1, D101	Vr = 60V, Io = 1A, Vf = 0.72V	ON Semiconductor	SS16T3G	2
D2	Diode, TVS, Uni, 60V, 600W, SMB	Diodes Inc.	SMBJ60A-13-F	1
GNDi, GNDo, VIN, VOUT	Terminal screw, vertical, snap-in	Keystone Electronics	7693	4
Q1	MOSFET, N-CH, 40V, 100A, LFPAK	NXP Semiconductor	PSMN2R6-40YS	1
R2	RES, 100 ohm, 1%, 0.125W, 0805	Vishay-Dale	CRCW0805100RFKEA	1
U1	High Side OR-ing FET Controller	Texas Instruments	LM5050MKX-1/NOPB	1

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