PMP9762

Designator	Quantity	Value	Description	PackageReference	PartNumber	Manufacturer	Alternate PartNumber	Alternate Manufacturer
C1	1	22uF	CAP, CERM, 22 µF, 25 V, +/- 20%, X5R, 0805	0805	GRM21BR61E226ME44	MuRata		
C3	1	22uF	CAP, CERM, 22 µF, 6.3V, +/- 20%, X5R, 0603	0603_950	JMK107BBJ226MA-T	Taiyo Yuden		
C6	1	68uF	CAP, TA, 68 µF, 25 V, +/- 20%, 0.095 ohm, SMD	7361-38	TPSV686M025R0095	AVX		
C7	1	0.1uF	CAP, CERM, 0.1 µF, 25 V, +/- 10%, X5R, 0402	0402	GRM155R61E104KA87	MuRata		
					D			
C8, C9	2	1uF	CAP, CERM, 1 µF, 25 V, +/- 10%, X7R, 0805	0805	GRM21BR71E105KA99 L	MuRata		
D1	1	White	LED, White, SMD	LED, 3.45x3.45mm	XPLAWT-00-0000- 000BV20E3	Cree		
D2	1	75V	Diode, Switching, 75 V, 0.3 A, SMD, 2-Leads, Body 1.2x0.8mm	SMD, 2-Leads, Body 1.2x0.8mm	1N4148WT	Fairchild Semiconductor		
L1	1	2.2uH	Inductor, Shielded, Composite, 2.2 µH, 3.7 A, 0.02 ohm, SMD	4x2x4mm	XFL4020-222MEB	Coilcraft		
R1	1	61.9k	RES, 61.9 k, 1%, 0.1 W, 0603	0603	RC0603FR-0761K9L	Yageo America		
R2	1	0.033	RES, 0.033, 1%, 0.5 W, 2010	2010	WSL2010R0330FEA	Vishay-Dale		
R3	1	12.7k	RES, 12.7 k, 1%, 0.1 W, 0603	0603	RC0603FR-0712K7L	Yageo America		
R4	1	1.40Meg	RES, 1.40 M, 1%, 0.1 W, 0603	0603	CRCW06031M40FKEA	Vishay-Dale		
U1	1		Buck Step Down Regulator with 3 to 17 V Input and 0.9 to 6 V Output, -40 to 85 degC, 16-Pin QFN (RGT),	RGT0016C	TPS62130RGTT	Texas Instruments	Equivalent	None
			Green (RoHS & no Sb/Br)					
U2	1		CMOS Timer, 8-pin Mini SOIC, Pb-Free	MUA08A	LMC555CMM/NOPB	Texas Instruments		

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