



Bill of Materials for RPM_C

Source Data From:

PCB1.PcbDoc

Variant:

None

Report Date:

26/09/2021 04:36 ب.ط

Altium Vault P/N	Designator	Description	Qty	Supplier
BK-6005	X1, X2	Fuse Clip 1 Circuit Cartridge Through Hole	2	
3362P-1-253LF	VR3	25 kOhms 0.5W, 1/2W PC Pins Through Hole Trimmer Potentiometer Cermet 1 Turn Top Adjustment	1	
3296W-1-254LF	VR1, VR2	250 kOhms 0.5W, 1/2W PC Pins Through Hole	2	
LM2596S-12	U9	Buck Switching Regulator IC Positive Fixed 12V	1	
LM324DR	U8	4-Channel industry standard operational	1	
LM7805S/NOPB	U3	1.5-A, 30-V, linear voltage regulator 3-DDPAK/	1	
ULN2003AID	U2, U5, U7	50-V, 7-ch darlington transistor array, -40 to	3	
CD4511BE	U1, U4, U6	CMOS BCD-to-7-Segment LED Latch Decoder	3	
RC1206JR-0713RL	R5, R6, R7	13 Ohms $\pm 5\%$ 0.25W, 1/4W Chip Resistor	3	
RC0805JR-073K3L	R1, R2, R3, R4	RC Series 0805 0.125 W 3.3 kOhms 5% ± 100	4	
Header 15	P1, P2	Header, 15-Pin	2	
B1047AS-471M=P3	L1	Inductor Power Shielded Wirewound 220uH	1	
1751251	J5	3 Position Wire to Board Terminal Block	1	
102618-3	J2, J3, J4	10 MODII HDR DRST SHRD .100CL	3	
PJ-102A	J1	2.0 x 6.5 mm, 2.5 A, Horizontal, Through Hole,	1	
2.75mm Grounded Pad	GP1, GP2, GP3, GP4	2.75mm Diameter Grounded Pad	4	
SS34	D3	Diode Schottky 40V 3A Surface Mount SMC	1	
OF-SMD3528WC	D2, D4	LED; SMD; 3528, PLCC2; white cold; 1700-	2	
LL-R3528RGBC-008-B	D1	LED; SMD; 3528, PLCC2; RGB; 3.5x2.8mm;	1	
EEEFK1V221P	C2, C4	220 μ F 35V Aluminum Electrolytic Capacitors	2	
C0805C104K5RAC	C1, C3		2	
