

PMP8740 REV E Bill of Materials

Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
C1	1	1uF	C1608X7R1E105K080AB	TDK	CAP, CERM, 1uF, 25V, +/-10%, X7R, 0603	603
C2, C3, C4, C5, C6, C7, C8	7	100pF	C1608C0G1H101J	TDK	CAP, CERM, 100 pF, 50 V, +/- 5%, C0G/NP0, 0603	603
CB1	1	0.4m	3365/20 300SF	3M	Cable 20 Cond. 25FT Flat Gray, 0.4m	FLAT CABLE x 20
D1	1	Green	LTL-4233	Lite-On	LED 5MM GREEN DIFFUSED	T1-3/4
D2	1	Yellow	LTL-4253	Lite-On	LED 5MM YELLOW DIFFUSED	T1-3/4
D3	1	Red	LTL-4223	Lite-On	LED 5MM RED DIFFUSED	T1-3/4
HSO1, HSO2, HSO3, HSO4	4	12mm	R30-3001202	Harwin	HEX STANDOFF M3 BRASS 12MM	HEX STANDOFF M3 BRASS 12MM
J1	1	66506-072LF	66506-072LF	FCI	Header (shrouded), 100mil, 10x2, Gold plated, TH	10x2 Shrouded Header
J2, J3	2	10x2	66900-220LF	Amphenol	Connecto Receptacle, 100mil, 10x2, Gold, TH	10x2 Conn RCPT
N1, N2, N3, N4	4	M3 Nut	MHNZ 003	B&F Fastener Supply	M3 Hex Nut 0.217" (5.51mm), Zinc	M3 Nut
Q1, Q2, Q3, Q4	4	BSS138	BSS138	Fairchild Semiconductor	MOSFET, N-CH, 50V, 0.22A, SOT-23	SOT-23
R1	1	10	CRCW060310R0FKEA	Vishay-Dale	RES, 10.0 ohm, 1%, 0.1W, 0603	603
R2	1	27.4k	CRCW060327K4FKEA	Vishay-Dale	RES, 27.4k ohm, 1%, 0.1W, 0603	603
R3, R4, R5	3	33.2	CRCW120633R2FKEA	Vishay-Dale	RES, 33.2, 1%, 0.25 W, 1206	1206
R6	1	10k	3361P-1-103GLF	Bourns	Potentiometer, SMT 1/4 Square	6.71 X 7.04 mm
R7, R8, R9, R10	4	10.0k	CRCW060310K0FKEA	Vishay-Dale	RES, 10.0k ohm, 1%, 0.1W, 0603	603
R11, R12, R13	3	300	ERJ-6GEYJ301V	Panasonic	RES, 300 ohm, 5%, 0.125W, 0805	805
R14, R15, R16	3	33.2k	CRCW060333K2FKEA	Vishay-Dale	RES, 33.2 k, 1%, 0.1 W, 0603	603
S1	1	Esc (Red)	KS-01Q-02	E-Switch	SWITCH PUSH SPST-NO 0.01A 35V	11.5 x 12 mm
S2	1	- (Black)	KS-01Q-01	E-Switch	SWITCH PUSH SPST-NO 0.01A 35V	11.5 x 12 mm
S3	1	+ (Black)	KS-01Q-01	E-Switch	SWITCH PUSH SPST-NO 0.01A 35V	11.5 x 12 mm
S4	1	Enter (Green)	KS-01Q-03	E-Switch	SWITCH PUSH SPST-NO 0.01A 35V	11.5 x 12 mm
SC1, SC2, SC3, SC4	4	Srew M3 x 10mm	M3 10 PRSTMC Z100	TR Fastenings	Machine Screw, M3, 10 mm, Steel, Bright Zinc, Pan Head Pozidriv	Screw M3 x 10mm
U1	1	EADIP162	EADIP162-xxx	Electronic Assembly	LCD, MODULE 2x16 - 6.68mm	26.8 x 68.0mm