

Fitted	Description	Designator	PartNumber	Quantity	Manufacturer	PackageReference	Value
Fitted	Printed Circuit Board	PCB1	PMP22680	1	Any		
Fitted	CAP, CERM, 3.3 uF, 25V	C1, C27, C28	CKG57NX72E335M50	3	TDK	6x5x5mm	3.3uF
Fitted	CAP, CERM, 0.1 uF, 25V	C2	GRM31CR72E104KW0	1	MuRata	1206	0.1uF
Fitted	CAP, TA, 100 uF, 25 V	C3, C4, C5, C8, C9, C10	TPSV107K025R0100	8	AVX	7361-38	100uF
Fitted	CAP, CERM, 0.1 uF, 25V	C6, C7, C13, C16, C22	08053C104JAZ2A	6	AVX	0805	0.1uF
Fitted	CAP, CERM, 4.7 uF, 25V	C14	C2012X7R1E475K125A	1	TDK	0805	4.7uF
Fitted	CAP, CERM, 100 pF, 50V	C15, C20	C0603C101J5GACTU	2	Kemet	0603	100pF
Fitted	CAP, CERM, 0.01 uF, 25V	C17	C0603H103J3GACTU	1	Kemet	0603	0.01uF
Fitted	CAP, CERM, 330 pF, 50V	C18	GRM1885C1H331JA01	1	MuRata	0603	330pF
Fitted	CAP, CERM, 27 pF, 50V	C19	C0603C270J5GACTU	1	Kemet	0603	27pF
Fitted	CAP, CERM, 0.047 uF, 25V	C21	06033C473JAT2A	1	AVX	0603	0.047uF
Fitted	CAP, CERM, 1 uF, 16 V	C23	GCM188R71C105KA64	1	MuRata	0603	1uF
Fitted	CAP, CERM, 0.01 uF, 25V	C24	GRM188R71E103KA01	1	MuRata	0603	0.01uF
Fitted	CAP, CERM, 22 pF, 50V	C25	C0603C220J5GACTU	1	Kemet	0603	22pF
Fitted	CAP, CERM, 8200 pF, 25V	C29	GRM188R71E822KA01	1	MuRata	0603	8200pF
Fitted	30A 100V Hi-Rel Schottky	D1, D2	30CLUQ100	2	Infineon	SMD3	
Fitted	Diode, Ultrafast, 600 V	D3	MURA160T3G	1	ON Semiconductor	SMA	600V
Fitted	Diode, Switching, 100V	D4, D9	MMSD914T1G	2	ON Semiconductor	SOD-123	100V
Fitted	Diode, Zener, 5.6 V, 500mW	D5	MMSZ4690-E3-08	1	Vishay-Semiconductor	SOD-123	5.6V
Fitted	Diode, Schottky, 30 V	D6, D7, D8, D11, D12	MBR230LSFT1G	5	ON Semiconductor	SOD-123FL	30V
Fitted	Diode, Zener, 20 V, 500mW	D10	DDZ20C-7	1	Diodes Inc.	SOD-123	20V
Fitted	Diode, Zener, 5.1 V, 500mW	D100	MMSZ5231B-7-F	1	Diodes Inc.	SOD-123	5.1V
Fitted	Diode, TVS, Bi, 16 V, 500mW	D101	SMBJ16CA	1	Littelfuse	SMB	16V
Fitted	Heatsink SOT-32, TO-220	H1	V7700W	1	Assman WSW	ASMN_V7700W	
Fitted	Terminal Block, 3x1, 5-pin	J1, J2	1755749	2	Phoenix Contact	3POS Vertical Terminal	
Fitted	Transistor, PNP, 60 V, 100mA	Q1	MMBT2907A	1	Fairchild Semiconductor	SOT-23	60 V
Fitted	Transistor, NPN, 40 V, 100mA	Q2, Q4, Q100	MMBT2222ALT1G	3	ON Semiconductor	SOT-23	40 V
Fitted	RADIATION HARDENED	Q3	IRHM7450SE	1	Infineon	TO-254AA	
Fitted	Transistor, NPN, 200 V, 100mA	Q5	ZXTN4006ZTA	1	Diodes Inc.	SOT-89	200 V
Fitted	RES, 7.5 k, 5%, 1 W, AEC-Q200	R1, R4	CRCW25127K50JNEG	2	Vishay-Dale	2512	7.5k
Fitted	RES, 40.2 k, 1%, 1 W, AEC-Q200	R2, R3	CRCW251240K2FKEG	2	Vishay-Dale	2512	40.2k
Fitted	RES, 4.99 k, 1%, 0.1 W, AEC-Q200	R5, R6	CRCW06034K99FKEA	2	Vishay-Dale	0603	4.99k
Fitted	RES, 10, 5%, 0.25 W, AEC-Q200	R7	CRCW120610R0JNEA	1	Vishay-Dale	1206	10
Fitted	RES, 10.0 k, 1%, 0.1 W, AEC-Q200	R8, R15, R16, R19	CRCW060310K0FKEA	4	Vishay-Dale	0603	10.0k
Fitted	RES, 20 k, 5%, 0.1 W, AEC-Q200	R9	CRCW060320K0JNEA	1	Vishay-Dale	0603	20k
Fitted	RES, 100 k, 1%, 0.1 W, AEC-Q200	R10, R23, R100	CRCW0603100KFKEA	3	Vishay-Dale	0603	100k
Fitted	RES, 2.2, 5%, 0.125 W, AEC-Q200	R11	ERJ-6GEYJ2R2V	1	Panasonic	0805	2.2
Fitted	RES, 69.8 k, 1%, 0.1 W, AEC-Q200	R12	RC0603FR-0769K8L	1	Yageo	0603	69.8k
Fitted	RES, 0.5, 1%, 0.5 W, 1206	R13, R14	CSR1206FKR500	2	Stackpole Electronics Inc	1206	0.5
Fitted	RES, 0, 5%, 0.1 W, AEC-Q200	R17	CRCW06030000Z0EA	1	Vishay-Dale	0603	0
Fitted	RES, 1.00 k, 1%, 0.1 W, AEC-Q200	R18, R22	CRCW06031K00FKEA	2	Vishay-Dale	0603	1.00k
Fitted	RES, 2.00 k, 0.1%, 0.1 W, AEC-Q200	R20	RT0603BRD072KL	1	Yageo America	0603	2.00k
Fitted	RES, 150, 1%, 0.125 W, AEC-Q200	R21, R103	CRCW0805150RFKEA	2	Vishay-Dale	0805	150
Fitted	RES, 66.5 k, 1%, 0.1 W, AEC-Q200	R24	CRCW060366K5FKEA	1	Vishay-Dale	0603	66.5k
Fitted	RES, 100 k, 5%, 0.25 W, AEC-Q200	R25	CRCW1206100KJNEA	1	Vishay-Dale	1206	100k
Fitted	RES, 1.00 k, 0.1%, 0.1 W, AEC-Q200	R26	RT0603BRD071KL	1	Yageo America	0603	1.00k
Fitted	RES, 49.9 k, 1%, 0.1 W, AEC-Q200	R101	RC0603FR-0749K9L	1	Yageo	0603	49.9k
Fitted	RES, 43.2 k, 1%, 0.1 W, AEC-Q200	R102	RC0603FR-0743K2L	1	Yageo	0603	43.2k
Fitted	40W Flyback for PMP22680	T1	RLTI-1385	1	Renco Electronics	XFMR_27MM94_27MM	
Fitted	FEEDBACK XFMR FOR 40W FLYBACK	T2	RLTI-1384	1	Renco	PTH_TRANSFORMER_C	
Fitted	Test Point, Multipurpose	TP1, TP2, TP5	5010	3	Keystone	Red Multipurpose Testpoint	
Fitted	Test Point, Multipurpose	TP3, TP4	5011	2	Keystone	Black Multipurpose Testpoint	
Fitted	Test Point, Miniature, 0.5mm	TP6, TP7	5000	2	Keystone	Red Miniature Testpoint	
Fitted	RAD-TOLERANT CLASS	U1	5962R8768106VYC	1	Texas Instruments	HKT0016A	
Fitted	Voltage Comparator, 1.5V	U2	5962R0052402VZA	1	Texas Instruments		
Fitted	V-Ref Adjustable 2.5V	U3	5962R9962001VHA	1	Texas Instruments	CFP10	

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