

Fitted	Description	Designator	PartNumber	Quantity	Manufacturer	PackageReference	Value
Fitted	Printed Circuit Board	PCB1	PMP23033	1	Any		
Fitted	CAP, TA, 150 uF, 10V	C1, C2, C3	TPSD157K010R010	3	AVX	7343-31	150uF
Fitted	CAP, CERM, 3.3 uF, 10V	C4, C22, C23	CKG57NX7T2E335F	3	TDK	6x5x5mm	3.3uF
Fitted	CAP, CERM, 10 uF, 10V	C5	0805YD106MAT2A	1	AVX	0805	10uF
Fitted	CAP, TA, 100 uF, 25V	C6, C7	TPSV107K025R010	2	AVX	7361-38	100uF
Fitted	CAP, CERM, 4.7 uF, 10V	C8	C2012X7R1E475K1	1	TDK	0805	4.7uF
Fitted	CAP, CERM, 0.1 uF, 10V	C9	C1206C104K2RAC	1	Kemet	1206	0.1uF
Fitted	CAP, CERM, 100 pF, 10V	C10, C16	C0603C101J5GACT	2	Kemet	0603	100pF
Fitted	CAP, CERM, 0.1 uF, 10V	C11, C17, C20, C21	08053C104JAZ2A	4	AVX	0805	0.1uF
Fitted	CAP, CERM, 0.01 uF, 10V	C12	C0603H103J3GACT	1	Kemet	0603	0.01uF
Fitted	CAP, CERM, 15 pF, 10V	C13	GCM1885C1H150J	1	MuRata	0603	15pF
Fitted	CAP, CERM, 330 pF, 10V	C14	GRM1885C1H331J	1	MuRata	0603	330pF
Fitted	CAP, CERM, 0.015 uF, 10V	C15	885012207067	1	AVX	0805	0.01uF
Fitted	CAP, CERM, 1 uF, 10V	C18	GCM188R71C105K	1	MuRata	0603	1uF
Fitted	CAP, CERM, 0.01 uF, 10V	C19	GRM188R71E103K	1	MuRata	0603	0.01uF
Fitted	CAP, CERM, 1000 pF, 10V	C24	12061A102FAT2A	1	AVX	1206	1000pF
Fitted	CAP, CERM, 3900 pF, 10V	C25, C26	GRM188R71E392K	2	MuRata	0603	3900pF
Fitted	CAP, CERM, 22 pF, 10V	C100	06035A220JAT2A	1	AVX	0603	22pF
Fitted	Diode, Switching, 20V	D1	BAV21W-7-F	1	Diodes Inc.	SOD-123	200V
Fitted	Diode, Ultrafast, 600V	D2, D5	MURA160T3G	2	ON Semiconductor	SMA	600V
Fitted	35A 100V Hi-Rel Schottky	D3	35CGQ100	1	Infineon	TO-254AA	
Fitted	Diode, Zener, 5.6V	D4	MMSZ4690-E3-08	1	Vishay-Semicondu	SOD-123	5.6V
Fitted	Diode, Schottky, 30V	D6, D7, D8, D11, D12	MBR230LSFT1G	5	ON Semiconductor	SOD-123FL	30V
Fitted	Diode, Switching, 100V	D9	MMSD914T1G	1	ON Semiconductor	SOD-123	100V
Fitted	Diode, Zener, 20V	D10, D13	DDZ20C-7	2	Diodes Inc.	SOD-123	20V
Fitted	Diode, Zener, 5.1V	D100	MMSZ5231B-7-F	1	Diodes Inc.	SOD-123	5.1V
Fitted	Heatsink SOT-32, Thermal	H1, H11	V7700W	2	Assman WSW	ASMN_V7700W	
Fitted	Terminal Block, 3x1	J1, J2	1755749	2	Phoenix Contact	3POS Vertical Term	
Fitted	Transistor, PNP, 60V	Q1	MMBT2907A	1	Fairchild Semicond	SOT-23	60 V
Fitted	Transistor, NPN, 40V	Q2, Q4, Q100	MMBT2222ALT1G	3	ON Semiconductor	SOT-23	40 V
Fitted	RADIATION HARD	Q3	IRHM7450SE	1	Infineon	TO-254AA	
Fitted	Transistor, NPN, 200V	Q5	ZXTN4006ZTA	1	Diodes Inc.	SOT-89	200 V
Fitted	RES, 7.5 k, 5%, 1W	R1, R2	CRCW25127K50JN	2	Vishay-Dale	2512	7.5k
Fitted	RES, 100 k, 5%, 0.25W	R3	CRCW1206100KJN	1	Vishay-Dale	1206	100k
Fitted	RES, 4.99 k, 1%, 0.1W	R4, R6	CRCW06034K99FK	2	Vishay-Dale	0603	4.99k
Fitted	RES, 10.0 k, 1%, 0.1W	R5, R14, R15, R16,	CRCW060310K0FK	5	Vishay-Dale	0603	10.0k
Fitted	RES, 100 k, 1%, 0.1W	R7, R24, R100	CRCW0603100KFK	3	Vishay-Dale	0603	100k
Fitted	RES, 2.2, 5%, 0.1W	R8	CRCW06032R20JN	1	Vishay-Dale	0603	2.2
Fitted	RES, 100, 5%, 0.125W	R9, R23	CRCW0805100RJN	2	Vishay-Dale	0805	100
Fitted	RES, 69.8 k, 1%, 0.1W	R10	CRCW060369K8FK	1	Vishay-Dale	0603	69.8k
Fitted	RES, 0.68, 1%, 0.25W	R11, R12	ERJ-8RQFR68V	2	Panasonic	1206	0.68
Fitted	RES, 20.0 k, 0.1%, 0.1W	R13, R17, R21	RG1608P-203-B-T5	3	Susumu Co Ltd	0603	20.0k
Fitted	RES, 53.6 k, 1%, 0.1W	R18	RC0603FR-0753K6	1	Yageo America	0603	53.6k
Fitted	RES, 1.00 k, 1%, 0.1W	R19, R26	CRCW06031K00FK	2	Vishay-Dale	0603	1.00k
Fitted	RES, 150, 1%, 0.125W	R22, R103	CRCW0805150RFK	2	Vishay-Dale	0805	150
Fitted	RES, 66.5 k, 1%, 0.1W	R25	CRCW060366K5FK	1	Vishay-Dale	0603	66.5k
Fitted	RES, 6.8 5%, 0.75W	R27	RMCF2010JT6R80	1	Stackpole Electron	2010	68.1k
Fitted	RES, 390, 5%, 0.1W	R28	RC0603JR-07390R	1	Yageo	0603	390
Fitted	RES, 49.9 k, 1%, 0.1W	R101	CRCW060349K9FK	1	Vishay-Dale	0603	49.9k
Fitted	RES, 43.2 k, 1%, 0.1W	R102	CRCW060343K2FK	1	Vishay-Dale	0603	43.2k
Fitted	OUTPUT INDUCTOR	T1	RLTI-1383	1	Renco	PTH_TRANSFORMER	
Fitted	TRANSFORMER 45V	T2	RLTI-1382	1	Renco	PTH_1IN1_1IN1	
Fitted	FEEDBACK XFMR F	T3	RLTI-1384	1	Renco	PTH_TRANSFORMER	
Fitted	Test Point, Multipurpose	TP1, TP2	5010	2	Keystone	Red Multipurpose	
Fitted	Test Point, Multipurpose	TP3, TP4	5011	2	Keystone	Black Multipurpose	
Fitted	Test Point, Miniature	TP5, TP6	5000	2	Keystone	Red Miniature Test	
Fitted	Test Point, Miniature	TP7	5001	1	Keystone	Black Miniature Test	

Fitted	RAD-TOLERANT C	U1	5962R8768106VYC	1	Texas Instruments	HKT0016A	
Fitted	Low Power Dual O	U2	5962R8771002VXA	1	Texas Instruments	NAC0010A	
Fitted	V-Ref Adjustable 2	U3	5962R9962001VHA	1	Texas Instruments	CFP10	
Fitted	Voltage Comparatc	U4	5962R0052402VZA	1	Texas Instruments		

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