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PMP2332 BOM

COUNT	RefDes	Value	Size	Mfr	Part Number	Description
2	C1, C2	10uF	1210	TDK	C3225X5R1E106M	Capacitor, Ceramic, 10uF, 25V, X5R, 20%
1	C10	1uF	0805	TDK	std	Capacitor, Ceramic, 1uF, 16V, X7R, 10%
1	C12	0.022uF	0603	Std	Std	Capacitor, Ceramic, 0.022uF, 50V, X7R, 10%
1	C13	330pF	0603	Std	Std	Capacitor, Ceramic, 330pF, 50V, X7R, 10%
1	C14	56uF	0.248 inch	Rubycon	50ZL56 6.3X11	Capacitor, Aluminum Electrolytic, 50V
	C15, C16, C17,					
4	C19	10U	1210	Vishay	Std	Capacitor, Ceramic, 25V, [temp], [tol]
1	C18	680U	0.315 inch	Rubycon	25ZL680 10X20	Capacitor, Aluminum Electrolytic, vvV
1	C20	270pF	0603	Std	Std	Capacitor, Ceramic, 50V, NPO, 5%
1	C21	33pF	0603	Std	Std	Capacitor, Ceramic, 33pF, 50V, NPO, 10%
1	C22	1uF	0603	TDK	STD	Capacitor, Ceramic, 1uF, 16V, X7R, 15%
1	C23	2700pF	0603	Std	Std	Capacitor, Ceramic, 2700pF, 25V, X7R, 10%
1	C24	100pF	0603	Std	Std	Capacitor, Ceramic, 100pF, 50V, NPO, 5%
1	C26	120uF	0.315 inch	Rubycon	63ZL120 10X16	Capacitor, Aluminum Electrolytic, vvV
2	C27, C32	1000pF	0603	TDK	Std	Capacitor, Ceramic, 250V, X7R, 15%
2	C28, C34	0.1uF	1206	TDK	Std	Capacitor, Ceramic, 250V, X7R, 15%
3	C29, C30, C33	0.47uF	1812	TDK	Std	Capacitor, Ceramic, 250V, X7R, 15%
1	C3	100pF	0603	Std	Std	Capacitor, Ceramic, 100pF, 50V, NPO, 10%
1	C31	1uF	2220	TDK	Std	Capacitor, Ceramic, 250V, X7R, 15%
3	C4, C11, C25	0.1uF	0603	Std	Std	Capacitor, Ceramic, 0.1uF, 16V, X7R, 10%
1	C5	.01u	0603	Std	Std	Capacitor, Ceramic, 50V, X7R, 10%
1	C6	33pF	0603	Std	Std	Capacitor, Ceramic, 50V, NPO, 10%
1	C7	220uF	0.315 inch	Rubycon	6.3ZL220 8X7	Capacitor, Aluminum Electrolytic, 6.3V
1	C8	10uF	0805	muRata	std	Capacitor, Ceramic, 6.3V, [temp], [tol]
1	C9	1uF	0805	TDK	std	Capacitor, Ceramic, 25V, X7R, 10%
2	D1, D2	BAS16	SOT23	Vishay-Liteon	BAS16	Diode, Switching, 150-mA, 75-V, 350mW
1	D12	39V	SOT-23	Diodes	BZX84C39VT	Diode, Zener, 39-V, 350-mW
1	D3	MBRS3100	SMC	Vishay-Liteon	B340	Diode, Schottky, 3-A, 100-V
1	D4	12V	SOT23	On Semi	BZX84C12LT1	Diode, Zener, 5.6V, 5mA, 225mW
1	D5	SMCJ100CA	D0-214AA	Diodes	SMCJ100CA	Diode, Transient Voltage Suppressor, 600W, 100V
1	D6	12V	SOT-23	Diodes	BZX84C12VT	Diode, Zener, 12-V, 350-mW
3	D7, D8, D11	MMBD1401	SOT23	Fairchild	MMBD1401	Diode, 200-V, 200-mA, 300-mW
3	D9, D10, D13	18V	SOT-23	Diodes	BZX84C18VT	Diode, Zener, 18-V, 350-mW
1	F1	10A, 125V	0.106 x 0.240 inch	Little Fuse	0451010.MR	SMF, Very Fast Acting Type Fuse, Nano Series
1	FB1	25F03032T010	0.530 x 0.428 inch	Steward	25F03032T010	Bead, Ferrite, yymA
1	J1	ED1514	0.27 x 0.25		ED1514	Terminal Block, 2-pin, 6-A, 3.5mm

1	J2		0.27 x 0.25""	OST	ED1514	Terminal Block, 2-pin, 6-A, 3.5mm
1	J3	ED1515	0.41 x 0.25 inch	OST	ED1515	Terminal Block, 3-pin, 6-A, 3.5mm
1	J4	PTC36SAAN	0.100 inch x 2	Sullins	PTC36SAAN	Header, 2-pin, 100mil spacing, (36-pin strip)
1	L1	15uH	0.485 sq inch	Sumida	CDRH127NP/LD-150	Inductor, SMT, 6.7A, 20-milliohm
2	L2, L3	10 uH	0.860 x 0.450 inch	JWMiller	2101-V	Inductor, 10uH, 7A, 5milliohm
1	L4	10uH	0.485 sq inch	Sumida	CDRH124-100MC	Inductor, SMT, 4.5A, 26-milliohm
1	Q1	FDS6612A	SO8	Fairchild	FDS6612A	Transistor, N-Ch MOSFET, 30V, 22 milliOhm
1	Q10	MMBT6520	SOT23	On Semi	MMBT6520	Transistor, PNP, -350V, -200mA, 225-W
1	Q11	TN2124K1	SOT23	Supertex	TN2124K1	MOSFET, N-ch, 240-V, 115-mA, 12-Ohms
1	Q2	FDS6690A	SO8	Fairchild	FDS6690A	Transistor, N-Ch MOSFET, 30V, 22 milliOhm
1	Q3	PZT2222A	SOT223	STD	STD	Bipolar, NPN, xx-V, yy-mA, zz-W
1	Q4	IRF540NS	SMD-220	STD	IRF540NS	MOSFET, N-ch, 100V, yy-mA, 60-milliOhms
1	Q5	MMBT3906LT1	SOT23	On Semi	MMBT3906LT1	Bipolar, PNP, 40V, 200mA, 225mW
2	Q6, Q9	IRF5210S	D2-Pak	IR	IRF5210S	MOSFET, P-ch, -100-V, 40-A, 60m-Ohm
2	Q7, Q8	IRFR2405	DPAK	IR	IRFR2405	MOSFET, N-ch, 55V, 56A, 16 milliohm
1	R1	71.5K	0603	Std	Std	Resistor, Chip, 1/16-W, 1%
1	R10	49.9	0603	Std	Std	Resistor, Chip, 1/16-W, 1%
1	R11	4.99K	0805	Std	Std	Resistor, Chip, 1/10-W, 1%
1	R12	7.5K	0603	Std	Std	Resistor, Chip, 1/16-W, 1%
1	R13	13K	0603	Std	Std	Resistor, Chip, 1/16-W, 1%
1	R14	49.9	0603	Std	Std	Resistor, Chip,
2	R15, R16	0.1	2512	STD	STD	Resistor, Chip, 1W, 5%
2	R17, R18	100K	0603	Std	Std	Resistor, Chip, 1/16-W, 1%
1	R19	9.09K	0603	Std	Std	Resistor, Chip, 1/16-W, 1%, 0603
1	R2	20K	0603	Std	Std	Resistor, Chip, 1/16-W, 1%
1	R20	30.1K	0603	Std	Std	Resistor, Chip, 1/16-W, 1%
1	R21	4.99K	0603	Std	Std	Resistor, Chip, 1/16-W, 1%, 0603
1	R22	10K	0603	Std	Std	Resistor, Chip, 1/16-W, 1%, 0603
1	R23	2K	0603	Std	Std	Resistor, Chip, 1/16-W, 1%
3	R24, R25, R28	47.5K	0805	Std	Std	Resistor, Chip, 1/10W, 1%
3	R26, R29, R30	10	0805	Std	Std	Resistor, Chip, 1/10W, 1%
1	R27	7.5K	0805	Std	Std	Resistor, Chip, 1/10W, 1%
1	R3	0	0603	Std	Std	Resistor, Chip, 1/16-W, 1%
2	R31, R33	33.2K	0603	Std	Std	Resistor, Chip, 1/16W, 1%
2	R32, R34	100K	0603	Std	Std	Resistor, Chip, 1/16W, 1%
1	R35	100K	0805	Std	Std	Resistor, Chip, 1/10W, 1%
1	R4	3.3	0603	Std	Std	Resistor, Chip, 1/16-W, 5%
1	R5	100K	0603	Std	Std	Resistor, Chip, 1 1/16-W, 1%
1	R6	249k	0603	Std	Std	Resistor, Chip, 1/16-W, 1%
1	R7	26.7K	0603	Std	Std	Resistor, Chip, - 1/16-W, 1%
1	R8	30.1K	0603	Std	Std	Resistor, Chip, 1/16-W, 1%
1	R9	100K	0603	Std	Std	Resistor, Chip, 1/16-W, 1%

9	TP1, TP2, TP5, TP6, TP7, TP10, TP11, TP13, TP15 TP3, TP4, TP8, TP9, TP12, TP14,	5000	0.100 x 0.100 inch	Keystone	5000	Test Point, Red, Thru Hole Color Keyed
8	TP16, TP17	5001	0.100 x 0.100 inch	Keystone	5001	Test Point, Black, Thru Hole Color Keyed
1	U1	TPS40055	PWP16	Texas Instruments	TPS40055PWP	IC, Wide Input Synchronuos Buck Controller
1	U2	UCC2807D-3	SO8	Texas Instruments	UCC2807D-3	IC, Programmable Max. Duty Cycle PWM Controller

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