

Filename: PMP5568 - 350W PSU - ADC CARD REVE_bom.xls

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PMP5568 - 350W PSU - ADC CARD REVE BOM

COUNT	RefDes	Value	Description	Size	Part Number	Mfr
6	C1, C3, C5, C8, C11, C12	100nF	Capacitor, Ceramic, 50V, X7R, 15%	0603	Std	Std
2	C14, C15	4.7uF	Capacitor, Ceramic, 6.3V, X5R, 15%	0603	Std	Std
1	C2	270pF	Capacitor, Ceramic, 50V, X7R, 15%	0603	Std	Std
1	C4	10uF	Capacitor, Ceramic, 6.3V, X5R, 15%	0805	Std	Std
3	C6, C7, C10	1uF	Capacitor, Ceramic, 25V, X5R, 15%	0603	Std	Std
1	C9	open	Capacitor, Ceramic, 50V, X7R, 15%	0603	Std	Std
1	D1	MA2SD10	Diode, Schottky, 20V, 200mA	0.047 x 0.031 inch	MA2SD10	Panasonic
1	D2	3.3V	Diode, Zener, 3.3V, 500mW	SOD123AA	ZMM5226B	Diodes
3	D3, D4, D5	BAT54	Diode, Schottky, 30V, 200mA	SOT23	BAT54	Vishay
2	J1, J2	PEC06SAAN	Header, Male 6-pin, 100mil spacing	0.100 inch x 6	PEC06SAAN	Sullins
4	L1, L2, L3, L4	250 uH	Common Mode Noise Suppressor, 370 Ohm	0805	744231371	Wuerth Electronic
1	Q1	MMBT3904	Bipolar, NPN, 40V, 200mA	SOT23	MMBT3904LT1	On Semi
4	R1, R5, R6, R10	1.00k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R12	604	Resistor, Chip, 1/16W, 1%	0603	Std	Std
4	R13, R14, R16, R17	10.0k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R15	100	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R2	866	Resistor, Chip, 1/4W, 1%	1206	Std	Std
2	R3, R11	10	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R4	316k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R7	100k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R8	2.49k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R9	3.01k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	U1	SN74LVC1G17	IC, Single Schmitt-Trigger Buffer	SOP-5	SN74LVC1G17DCK	Texas Instruments
1	U2	ISO7520	IC, Low-Power 5 KV(rms) Dual Digital Isolators	SO-16	ISO7520CDW	Texas Instruments
1	U3	TPS71501	IC, High Input Voltage, Micropower LDO	SOP-5 (DCK)	TPS71501DCKR	Texas Instruments
1	U4	ADS1015	IC, 12-Bit A-D Converter Converter with Internal Reference	MSOP-10	ADS1015IDGST	Texas Instruments
1	U5	ISO7521	IC, Low-Power 5 KV(rms) Dual Digital Isolators	SO-16	ISO7521CDW	Texas Instruments
1	U6	OPA2335	IC, Single Supply CMOS Op Amp, Dual	MSOP-8	OPA2335AIDGK	Texas Instruments