

PMP2260_REVA BOM

COUNT	RefDes	VALUE	Description	Size	Part Number	MFR
1	C1	{Value}	Capacitor, Aluminum, xxV, 20%	0.260 x 0.276 in	EEVFKxxyyD	Panasonic
4	C2	10uF	Capacitor, Ceramic, 10uF, 25V, BJ M	1210	C3225JB1E106	TDK
	C3	10uF	Capacitor, Ceramic, 10uF, 25V, BJ M	1210	C3225JB1E106	TDK
	C4	10uF	Capacitor, Ceramic, 10uF, 25V, BJ M	1210	C3225JB1E106	TDK
	C5	10uF	Capacitor, Ceramic, 10uF, 25V, BJ M	1210	C3225JB1E106	TDK
2	C6	0.1uF	Capacitor, Ceramic, 50V, BJ, 20%	0805	Std	Std
3	C7	330uF	Capacitor, PS, 330-uF, 2.5-V, 15-milliohm, 20%	7343 (D)	2R5TPE330MF	SANYO
	C8	330uF	Capacitor, PS, 330-uF, 2.5-V, 15-milliohm, 20%	7343 (D)	2R5TPE330MF	SANYO
	C9	330uF	Capacitor, PS, 330-uF, 2.5-V, 15-milliohm, 20%	7343 (D)	2R5TPE330MF	SANYO
	C11	0.1uF	Capacitor, Ceramic, 50V, BJ, 20%	0805	Std	Std
3	C13	330uF	Capacitor, PS, 330-uF, 2.5-V, 18-milliohm, 20%	7343 (D)	2R5TPE330MI	SANYO
	C14	330uF	Capacitor, PS, 330-uF, 2.5-V, 18-milliohm, 20%	7343 (D)	2R5TPE330MI	SANYO
1	C15	4.7uF	Capacitor, Ceramic, 6.3V, BJ, 20%	0805	Std	Std
3	C16	1uF	Capacitor, Ceramic, 6.3V, BJ, 20%	0805	Std	Std
	C18	1uF	Capacitor, Ceramic, 6.3V, BJ, 20%	0805	Std	Std
	C19	1uF	Capacitor, Ceramic, 6.3V, BJ, 20%	0805	Std	Std
	C20	330uF	Capacitor, PS, 330-uF, 2.5-V, 18-milliohm, 20%	7343 (D)	2R5TPE330MI	SANYO
2	D1		Diode, Schottky, 0.5A, 30V	SOD-123	Any	Any
	D2		Diode, Schottky, 0.5A, 30V	SOD-123	Any	Any
2	J1	{value}	Terminal Block, 2-pin, 32-A, 9.5mm	0.75 x 0.49 in	ED1981	OST
	J2	{value}	Terminal Block, 2-pin, 32-A, 9.5mm	0.75 x 0.49 in	ED1981	OST
1	J3	ED1515	Terminal Block, 3-pin, 6-A, 3.5mm	0.41 x 0.25 in	ED1515	OST
1	JP1	PTC36DAAN	Header, 2x3-pin, 100mil spacing (36-pin strip)	0.20 inch x 0.30	PTC36DAAN	Sullins
2	L1	0.47uH	Inductor, SMT, 32A, 2milliohm	0.51 x 0.51 in	IHL5050	Vishay
	L2	0.47uH	Inductor, SMT, 32A, 2milliohm	0.51 x 0.51 in	IHL5050	Vishay
6	Q2	Si7392ADP	MOSFET, NChannel, 30V, 17.5A, 7.5milliohm	PWRPAK S0-8	Si7392ADP	Vishay
	Q5	Si7392ADP	MOSFET, NChannel, 30V, 17.5A, 7.5milliohm	PWRPAK S0-8	Si7392ADP	Vishay
	Q6	Si7392ADP	MOSFET, NChannel, 30V, 17.5A, 7.5milliohm	PWRPAK S0-8	Si7392ADP	Vishay
	Q7	Si7392ADP	MOSFET, NChannel, 30V, 17.5A, 7.5milliohm	PWRPAK S0-8	Si7392ADP	Vishay
	Q8	Si7392ADP	MOSFET, NChannel, 30V, 17.5A, 7.5milliohm	PWRPAK S0-8	Si7392ADP	Vishay
	Q9	Si7392ADP	MOSFET, NChannel, 30V, 17.5A, 7.5milliohm	PWRPAK S0-8	Si7392ADP	Vishay
2	R1	100K	Resistor, Chip, 1/10W, 1%	0805	Std	Std
3	R2	3.3	Resistor, Chip, 1/10W, 1%	0805	Std	Std
1	R3	28.7K	Resistor, Chip, 1/10W, 1%	0805	Std	Std
2	R4	75K	Resistor, Chip, 1/10W, 1%	0805	Std	Std
1	R5	73.2K	Resistor, Chip, 1/10W, 1%	0805	Std	Std
	R6	75K	Resistor, Chip, 1/10W, 1%	0805	Std	Std
	R7	100K	Resistor, Chip, 1/10W, 1%	0805	Std	Std
2	R8	10K	Resistor, Chip, 1/10W, 1%	0805	Std	Std
	R9	3.3	Resistor, Chip, 1/10W, 1%	0805	Std	Std
	R10	3.3	Resistor, Chip, 1/10W, 1%	0805	Std	Std
	R11	10K	Resistor, Chip, 1/10W, 1%	0805	Std	Std
2	SW1	G-12AP	Switch, ON-ON Mini Toggle	0.28 x 0.18 in	G12AP	Nikkai
	SW2	G-12AP	Switch, ON-ON Mini Toggle	0.28 x 0.18 in	G12AP	Nikkai
2	TP1	LC-2-S	Pin, Probe monitor	0.12(D) X 0.4 in	LC-2-S	MAC8
	TP2	LC-2-S	Pin, Probe monitor	0.12(D) X 0.4 in	LC-2-S	MAC8
1	U1	TPS51124RGE	IC, Dual Synchronous Step-Down Controller For Lc	QFN-24	TPS51124RGE	TI
	VIN_GND2	3138-2	Pin, Wiring Terminal	0.09(D) X 0.31 in	3138-2-00-15-00-00	Mill Max
2	VIN2	3138-2	Pin, Wiring Terminal	0.09(D) X 0.31 in	3138-2-00-15-00-00	Mill Max

- Notes:
1. These assemblies are ESD sensitive, ESD precautions shall be observed.
 2. These assemblies must be clean and free from flux and all contaminants.
Use of no clean flux is not acceptable.
 3. These assemblies must comply with workmanship standards IPC-A-610 Class 2.
 4. Ref designators marked with an asterisk ("**") cannot be substituted.
All other components can be substituted with equivalent MFG's components.

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