

COUNT	RES DEF	VALUE	DESCRIPTION	SIZE	PART #	MFG
1	C1	2700 uF	Electrolytic 2.555A, 25V, .022 Ω	Radial 7.5mm X 16mm	EEU-FC1E272	Panasonic
4	C3,C4,C5,C6	4.7 uF	Low ESR MLCC, 50V, X7R, 10%	SMT 1206	UMK316AB7475KL-T	Taiyo-Yuden
4	C8,C9,C12,C13	2.2 uF	MLCC, 50V, X7R, 10%	SMT 1206	GRM31CR71H225KA88K	Murata
2	C10,C14	470 uF	Electrolytic 2.090A, 63V, .055 Ω	Radial 5mm X 12.5mm	EEU-FC1J471L	Panasonic
1	C11	100 nF	MLCC, 25V, X7R, 10%	SMT 1206	VJ1206Y104KXXPW1BC	Vishay
2	C15,C18	1 uF	MLCC, 50V, Y5V, 20%	SMT 1206	VJ1206V105MXATW1BC	Vishay
1	C16	470 pF	MLCC, 50V, X7R, 10%	SMT 1206	VJ1206Y471KXAPW1BC	Vishay
1	C17	27 nF	MLCC, 50V, X7R, 10%	SMT 1206	12065C273KAT2A	AVX
1	C19	330 pF	MLCC, 25V, X7R, 10%	SMT 1206	VJ1206Y331KXXCW1BC	Vishay
1	C20	68 pF	MLCC, 50V, NP0, 5%	SMT 1206	VJ1206A680JXAPW1BC	Vishay
1	D1	DIODE	Ultra Fast Dual Diode 350V 40A	TO-3PN	FFA40UP35STU	Fairchild Semi
<i>Note: Schotky diode MBR2060CT (from PMP4540 design) will reduce cost</i>						
1	L1	15 uH	Inductor	1.100" By 1.100"	SER2918H-153KL OR SER2915H-153KL	CoilCraft
1	Q1		BJT Transistor	SOT-23-3	MMBT2222ALT3G	On Semi
1	Q3		BJT Transistor	SOT-23-3	MMBT2907ALT3G	On Semi
1	Q2		MOSFET 60V 50A .0094 RDSON	TO-252AA	FDD10AN06A0	Fairchild Semi
1	R1	4.7	Resistor, ¼ W, 1%	SMT 1206	RK73H2BTDD4R70F	KOA Speer
1	R2	392k	Resistor, ¼ W, 1%	SMT 1206	CR1206-FX-3923ELF	Bourns
1	R4	1k	Resistor, ¼ W, 1%	SMT 1206	RK73H2BTDD1001F	KOA Speer
1	R5	0.005	Resistor, 1W, 1%	SMT 2512	ULRB12512R005FLFSLT	IRC
2	R6,R7	137k	Resistor ¼ W, 1%	SMT 1206	CR1206-FX-1373ELF	Bourns
1	R9/R10	10k POT	10k Trimmer Pot	3mm by 3.8mm	TC33X-2-103E	Bourns