

Count	RefDes	Value	Part Number	Description	MFR
Size		Reference	Second Source		
1	C15	.01U	std	Capacitor, Ceramic, 25V, [temp], [tol]	muRata
603	1 C17	.47u	std	Capacitor, Ceramic, 10V, [temp], [tol]	muRata
603	1 C19	100p	std	Capacitor, Ceramic, 25V, [temp], [tol]	muRata
603	1 C20	1000p	std	Capacitor, Ceramic, 25V, [temp], [tol]	muRata
603	4 C10	2200P	std	Capacitor, Ceramic, 25V, [temp], [tol]	muRata
603	C12				
	C18				
	C22				
1	C16	1u	std	Capacitor, Ceramic, 10V, [temp], [tol]	muRata
805	2 C11	4.7u	std	Capacitor, Ceramic, 10V, [temp], [tol]	muRata
805	C14				
2	C8	3.3U	Std	Capacitor, Ceramic, 50V, [temp], [tol]	Vishay
1210	C23				
6	C1	10U	Std	Capacitor, Ceramic, 25V, [temp], [tol]	Vishay
1210	C2				
	C5				
	C9				
	C13				

0.51 x 0.51 inc

h	1 R13	2K	Std	Resistor, Chip, 1/16W, yy%	Std
603	1 R5	2k	Std	Resistor, Chip, 1/16-W, yy%	Std
603	1 R12	2.49k	Std	Resistor, Chip, 1/16-W, yy%	Std
603	1 R17	6.19K	Std	Resistor, Chip, 1/16W, yy%	Std
603	1 R4	7.5k	Std	Resistor, Chip, 1/16-W, yy%	Std
603	1 R11	8.66k	Std	Resistor, Chip, 1/16-W, yy%	Std
603	1 R18	10	Std	Resistor, Chip, 1/16W, yy%	Std
603	1 R19	10K	Std	Resistor, Chip, 1/16W, yy%	Std
603	1 R9	10k	Std	Resistor, Chip, 1/16-W, yy%	Std
603	1 R3	16.2k	Std	Resistor, Chip, 1/16-W, yy%	Std
603	1 R25	20k	Std	Resistor, Chip, 1/16W, yy%	Std
603	1 R26	49.9	Std	Resistor, Chip, 1/16W, yy%	Std
603	2 R21	49.9K	Std	Resistor, Chip, 1/16W, yy%	Std
603	R27				
	1 R22	93.1k	Std	Resistor, Chip, 1/16W, yy%	Std
603	1 R10	133k	Std	Resistor, Chip, 1/16-W, yy%	Std
603	4 R6	200	Std	Resistor, Chip, 1/16W, yy%	Std
603	R14				
	R20				
	R29				
	1 R28	806	Std	Resistor, Chip, 1/16W, yy%	Std
603	2 R1	4.99k	Std	Resistor, Chip,	

		PMP9637.bom	1/10W, yy%	Std
805	R2			
8	R7	.01	Std	Resistor, Chip, 1/8W, yy% Std
1206	R8			
	R15			
	R16			
	R23			
	R24			
	R30			
	R31			
1	J4	ED1514	ED1514	Terminal Block, 2-pin, 6-A, 3.5mm OST
0.27 x 0.25 inc				
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1	J3	{value}	ED1981	Terminal Block, 2-pin, 32-A, 9.5mm OST
0.75 x 0.49 inc				
h	\\vette02\pmp_p cb\pcad_pdf's\E D1981.pdf C:\program file s\p-cad 2004\pc ad_pdf's\ED1981 .pdf			
1	U2	TL431ADBZ	TL431ADBZ	IC, Precision A djustable Shunt Regulator TI
SOT23-3				
1	U1	TLC372CD	TLV372xD	IC, Dual Compar ator, 200-ns TI
S08				
13	TP1	5000	5000	Test Point, Re d, Thru Hole Co lor Keyed Keystone

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TP6

TP7

TP9

TP10

TP11

TP14

TP17

TP18

TP19

TP20

3 TP2

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TP5

		PMP9637.bom			
TP8					
1	U4	TPS40090PW	TPS40090PW	IC, High-Frequency, Multiphase Controller	TI
TSSOP24					
1	Q4	2N7002	2N7002DICT	MOSFET, N-ch, 60-V, 115-mA, 1.2-Ohms	Vishay-Liteon
SOT23					
4	Q2	CSD18534Q5A	CSD17510Q5A	MOSFET, N-Chan, 60V, 80A, 12 milliohm	TI
QFN-8	POWER	\\vette02\pmp_pcb\pcad_pdf's\CSD17510Q5A.pdf		C:\program files\p-cad 2004\pcad_pdf's\CSD17510Q5A.pdf	
Q3					
Q5					
Q6					
1	Q1	PTZ2222A	STD	Bipolar, NPN, xxx-V, yy-mA, zzw	STD
SOT223					
2	U3	UCC27324D	UCC27324D	IC, High Speed Low Side Power MOSFET driver	Texas
Instrumen					ts
S08					
	U5				

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