PMP8606RevB_BOM			Bill of Materials For Schematic Document [PMP8606 RevB.SchDoc]					
Source Data From:		PMP8606 RevB.SchDoc						
Project: Variant:		Free Documents None			=			
Creation Date: Print Date:	5/13/2013 13-May-13	4:22:12 PM 4:45:41 PM	-					
B	Value	Description	Footprint		Manufacturer	PartNumber	Supplier 1	Supplier Part Number 1
Designator C1, C2	4700pF	CAP, CERM, 4700pF, 250VAC, +10/%, C0G/NP0, 2220	2220	Quantity 2	Murata	GA355DR7GF472KW01L	Digi-Key	GA355DR7GF472KW01I
C3, C11	220uF	CAP, AL, 220uF, 450V, +/-20%, TH	CAPPR10-35x25	2	Panasonic	EETHC2W221EA	Digi-Key	P11811-ND
C4, C6	0.68uF	CAP, Film, 0.68uF, 1000VDC, +/-5%, TH	CAPRR1500W80L1800T800H1550	2	Arcotronics	121MPE223J		
C5, C28, C42	1000pF	CAP, CERM, 1000pF, 630V, +10/%, X7R, 1206	1206	3	MuRata	GRM31BR72J102KW01L	Digi-Key	490-3506-1-ND
C7, C8	0.01uF	CAP, CERM, 0.01uF, 250V, +/-10%, X7R, 0805	0805_HV	2	MuRata	GRM21BR72E103KW03L	Digi-Key	490-3534-1-ND
C9, C10, C23, C24	1000pF	CAP, CERM, 1000pF, 50V, +/-10%, X8R, 0603	0603	4	TDK	C1608X8R1H102K	Digi-Key	445-2501-1-ND
C12 C13, C14, C18, C20, C22	0.56uF 1uF	CAP, Film, 0.56uF, 630V, +/-10%, TH CAP, CERM, 1uF, 50V, +/-10%, X7R, 1206	CAPRR2250W80L2570T940H1970 1206	1 5	Panasonic MuRata	ECQ-E6564KF GRM31MR71H105KA88L	Digi-Key	EF6564-ND GRM31MR71H105KA88L-ND
C15, C14, C18, C20, C22	1000uF	CAP, AL, 1000uF, 35V, +/-20%, 0.031 ohm, TH	CAPPR7.5-16X25	5	Nippon Chemi-Con	EGXE350ELL102ML25S	Digi-Key Digi-Key	EGXE350ELL102ML25S-ND
C25, C33	0.015uF	CAP, CERM, 0.015uF, 50V, +/-10%, X7R, 0603	0603	2	MuRata	GRM188R71H153KA01D	Digi-Key Digi-Key	490-1514-1-ND
C26, C27	1uF	CAP, CERM, 1µF, 16V, +/-10%, X7R, 1206	1206	2	MuRata	GRM319R71C105KAA3D	Digi-Key	GRM319R71C105KAA3D-ND
C29, C30, C32, C36, C37	1uF	CAP, CERM, 1uF, 16V, +/-10%, X7R, 0603	0603	5	MuRata	GRM188R71C105KA12D	Digi-Key	490-3900-1-ND
C31, C40	100pF	CAP, CERM, 100pF, 50V, +/-5%, C0G/NP0, 0603	0603	2	AVX	06035A101JAT2A	Digi-Key	478-1175-1-ND
C34, C44	0.1uF	CAP, CERM, 0.1uF, 16V, +/-5%, X7R, 0603	0603	2	AVX	0603YC104JAT2A	Digi-Key	478-3726-1-ND
C35	100uF	CAP, AL, 22uF, 200V, +/-20%, 0.81386 ohm, TH	CAPPR5-10X20	1	Rubycon	16ZLH100MEFC5X11	Digi-Key	1189-1148-ND
C38	0.033uF	CAP, CERM, 0.033uF, 16V, +/-10%, X7R, 0603	0603	1	MuRata	GRM188R71C333KA01D	Digi-Key	490-1528-1-ND
C39, C43	1000pF	CAP, CERM, 1000pF, 16V, +/-10%, X7R, 0603	0603	2	MuRata	GRM188R71C102KA01D	Digi-Key	GRM188R71C102KA01D-ND
C41	2200pF	CAP, CERM, 2200pF, 50V, +/-10%, X7R, 0603	0603	1	MuRata	GRM188R71H222KA01D	Digi-Key	490-1500-1-ND
D2, D7	MURA120T3G US1M-13-F	Diode, Ultrafast, 200V, 1A, SMA Diode, Ultrafast, 1000V, 1A, SMA	SMA SMA	2	ON Semiconductor Diodes Inc.	MURA120T3G US1M-13-F	Digi-Key Digi-Key	MURA120T3GOSCT-ND US1M-FDICT-ND
D3, D4, D6, D8, D9, D10	BAT54S-7-F	Diode, Ottralast, 1000V, 1A, SMA Diode, Schottky, 30V, 0.2A, SOT-23	SOT-23	6	Diodes Inc.	BAT54S-7-F	Digi-Key Digi-Key	BAT54S-FDICT-ND
D5 D5, D4, D6, D6, D9, D10	MBR20200CTTU	Diode, Schottky, 30V, 0.2A, 3O1-23	TO-220AB	1	Fairchild Semiconductor	MBR20200CTTU	Digi-Key Digi-Key	MBR20200CTTU-ND
D11	BZX84C9V1LT1G	Diode, Zener, 9.1V, 225mW, SOT-23	SOT-23	1	ON Semiconductor	BZX84C9V1LT1G	Digi-Key	BZX84C9V1LT1GOSCT-ND
HS1, HS2, HS3	SK482 50	Heatsink, Vertical-mount	HEATSINK_780603B0200	3	Fisher Elektronik	SK482 50	'Fisher Elektronik	
J1, J2, J3, J4	15A	Terminal screw, vertical, snap-in	7693	4	Keystone	7693	Digi-Key	7693K-ND
J5	2x1	Conn Term Block, 2POS, 3.81mm, TH	PhoenixConact_1727010	1	Phoenix Contact	1727010	Digi-Key	277-1947-ND
L1	22uH	Inductor, Shielded Drum Core, WE-Perm, 22uH, 6.5A, 0.0247 ohm, SMD	WE-HCA1	1	Wurth Elektronik eiSos	7443551221	WE	7443551221
L2	33uH	Resonant Inductor, Shielded, Ferrite, 33uH 2%, 2A, 0.1 ohm, TH	SER2918	1	TBD	TBD	TBD	TBD
L3	400nH	Inductor, Shielded Drum Core, WE-Superflux200, 400nH, 27A, 0.00037 ohm, SMD	WE-HC5	1	Wurth Elektronik eiSos	744308040	WE	744308040
L4	33uH	Inductor, Shielded E Core, Ferrite, 33uH, 13A, 0.01 ohm, SMD	'PG1096	1	PULSE	PG1096	Pulse	'PG1096
Q1, Q2, Q3, Q4	STP6N95K5	MOSFET, N-CH, 950V, 5.4A, TO-220AB	TO-220AB	4	ST	STP6N95K5	Digi-Key	STP6N95K5
R1, R3	12k	Resistor, Wirewound, 12kOhms, 3W, 5%	RES_1W_ERG-1SJ	2	Panasonic Mill-Max	ERG-1SJxxx		
R2, R8 R4, R6, R13, R21, R22	220k	Resistor, Metal Oxide 1W Through hole, 1±% RES, 2.0 ohm, 5%, 0.25W, 1206	RES_PIN-MOUNT 1206	2	Will-Max Vishav-Dale	0338-0-15-01-15-14-10-0 CRCW12062R00JNEA	Diei Ken	541-2.0ECT-ND
R5, R7, R14, R15, R29, R30	10.0k	RES, 10.0k ohm, 1%, 0.1W, 0603	0603	6	Vishay-Dale Vishay-Dale	CRCW12062R003NEA	Digi-Key Digi-Key	541-2.0ECT-ND 541-10.0KHCT-ND
R9, R10, R17, R18	33.0	RES, 33.0 ohm, 1%, 0.1W, 0603	0603	4	Yageo America	RC0603FR-0733RL	Digi-Key Digi-Key	311-33.0HRCT-ND
R11	182	RES, 182 ohm, 1%, 0.1W, 0603	0603	1	Yageo America	RC0603FR-07182RL	Digi-Key	311-182HRCT-ND
R12	174	RES, 174 ohm, 1%, 0.25W, 1206	1206	1	Yageo America	RC1206FR-07174RL	Digi-Key	311-174FRCT-ND
R16, R39	1.00k	RES, 1.00k ohm, 1%, 0.1W, 0603	0603	2	Vishay-Dale	CRCW06031K00FKEA	Digi-Key	541-1.00KHCT-ND
R19	0	RES, 0 ohm, 5%, 0.25W, 1206	1206	1	Vishay-Dale	CRCW12060000Z0EA	Digi-Key	541-0.0ECT-ND
R20, R23	1.20k	RES, 1.20k ohm, 1%, 0.25W, 1206	1206	2	Yageo America	RC1206FR-071K2L	Digi-Key	311-1.20KFRCT-ND
R24	2.74k	RES, 2.74k ohm, 1%, 0.1W, 0603	0603	1	Yageo America	RC0603FR-072K74L	Digi-Key	311-2.74KHRCT-ND
R25, R32, R33, R42	10.0k	RES, 10.0k ohm, 1%, 0.1W, 0603	0603	4	Yageo America	RC0603FR-0710KL	Digi-Key	311-10.0KHRCT-ND
R26	30.9k	RES, 30.9k ohm, 1%, 0.1W, 0603	0603	1	Yageo America	RC0603FR-0730K9L	Digi-Key	311-30.9KHRCT-ND
		RES, 22.6k ohm, 1%, 0.25W, 1206	1206	1 1	Yageo America	RC1206FR-0722K6L	Digi-Key	311-22.6KFRCT-ND
R27	22.6k							541-49.9HCT-ND
R27 R28	49.9	RES, 49.9 ohm, 1%, 0.1W, 0603	0603	1	Vishay-Dale	CRCW060349R9FKEA	Digi-Key	
R27 R28 R31	49.9 1.24k	RES, 1.24k ohm, 1%, 0.1W, 0603	0603 0603	1	Vishay-Dale	CRCW06031K24FKEA	Digi-Key	541-1.24KHCT-ND
R27 R28 R31 R34	49.9 1.24k 2.49k	RES, 1.24k ohm, 1%, 0.1W, 0603 RES, 2.49k ohm, 1%, 0.1W, 0603	0603 0603 0603	1 1 1	Vishay-Dale Yageo America	CRCW06031K24FKEA RC0603FR-072K49L	Digi-Key Digi-Key	541-1.24KHCT-ND 311-2.49KHRCT-ND
R27 R28 R31 R34 R35, R36	49.9 1.24k 2.49k 17.8k	RES, 1.24k ohm, 1%, 0.1W, 0603 RES, 2.49k ohm, 1%, 0.1W, 0603 RES, 17.8k ohm, 1%, 0.1W, 0603	0603 0603 0603 0603	1	Vishay-Dale Yageo America Yageo America	CRCW06031K24FKEA RC0603FR-072K49L RC0603FR-0717K8L	Digi-Key Digi-Key Digi-Key	541-1.24KHCT-ND 311-2.49KHRCT-ND 311-17.8KHRCT-ND
R27 R28 R31 R34 R35, R36 R37	49.9 1.24k 2.49k 17.8k 29.4k	RES, 1.24k ohm, 1%, 0.1W, 0603 RES, 2.49k ohm, 1%, 0.1W, 0603 RES, 17.8k ohm, 1%, 0.1W, 0603 RES, 29.4k ohm, 1%, 0.1W, 0603	0603 0603 0603	1 1 1	Vishay-Dale Yageo America Yageo America Yageo America	CRCW06031K24FKEA RC0603FR-072K49L RC0603FR-0717K8L RC0603FR-0729K4L	Digi-Key Digi-Key Digi-Key Digi-Key	541-1.24KHCT-ND 311-2.49KHRCT-ND 311-17.8KHRCT-ND 311-29.4KHRCT-ND
R27 R28 R31 R34 R35, R36 R37	49.9 1.24k 2.49k 17.8k	RES, 1.24k ohm, 1%, 0.1W, 0603 RES, 2.49k ohm, 1%, 0.1W, 0603 RES, 17.8k ohm, 1%, 0.1W, 0603	0603 0603 0603 0603 0603	1 1 1 2	Vishay-Dale Yageo America Yageo America Yageo America Yageo America	CRCW06031K24FKEA RC0603FR-072K49L RC0603FR-0717K8L	Digi-Key Digi-Key Digi-Key Digi-Key Digi-Key	541-1.24KHCT-ND 311-2.49KHRCT-ND 311-17.8KHRCT-ND
R27 R28 R31 R34 R35, R36 R37 R38	49.9 1.24k 2.49k 17.8k 29.4k 59.0k	RES, 1.24k ohm, 1%, 0.1W, 0603 RES, 2.49k ohm, 1%, 0.1W, 0603 RES, 17.8k ohm, 1%, 0.1W, 0603 RES, 29.4k ohm, 1%, 0.1W, 0603 RES, 29.4k ohm, 1%, 0.1W, 0603	0603 0603 0603 0603 0603	1 1 1 2	Vishay-Dale Yageo America Yageo America Yageo America	CRCW06031K24FKEA RC0603FR-072K49L RC0603FR-0717K8L RC0603FR-0729K4L RC0603FR-0759KL	Digi-Key Digi-Key Digi-Key Digi-Key	541-1.24KHCT-ND 311-2.49KHRCT-ND 311-17.8KHRCT-ND 311-29.4KHRCT-ND 311-59.0KHRCT-ND
R27 R28 R31 R34 R35, R36 R37 R38 R40	49.9 1.24k 2.49k 17.8k 29.4k 59.0k 10.0	RES, 1.24k ohm, 1%, 0.1W, 0603 RES, 2.49k ohm, 1%, 0.1W, 0603 RES, 17.8 kohm, 1%, 0.1W, 0603 RES, 29.4k ohm, 1%, 0.1W, 0603 RES, 29.4k ohm, 1%, 0.1W, 0603 RES, 50.0k ohm, 1%, 0.1W, 0603 RES, 50.0 ohm, 1%, 0.1W, 0603	0603 0603 0603 0603 0603 0603	1 1 1 2	Vishay-Dale Yageo America Yageo America Yageo America Yageo America Vishay-Dale	CRCW06031K24FKEA RC0603FR-072K49L RC0603FR-0717K8L RC0603FR-0729K4L RC0603FR-0759KL CRCW120610R0FKEA	Digi-Key Digi-Key Digi-Key Digi-Key Digi-Key Digi-Key Digi-Key	541-1.24KHCT-ND 311-2.49KHRCT-ND 311-17.8KHRCT-ND 311-29.4KHRCT-ND 311-59.0KHRCT-ND 541-10.0FCT-ND
R27	49.9 1.24k 2.49k 17.8k 29.4k 59.0k 10.0 90.9k	RES, 1.24k ohm, 1%, 0.1W, 0603 RES, 2.49k ohm, 1%, 0.1W, 0603 RES, 17.8k ohm, 1%, 0.1W, 0603 RES, 29.4k ohm, 1%, 0.1W, 0603 RES, 59.0k ohm, 1%, 0.1W, 0603 RES, 50.0k ohm, 1%, 0.1W, 0603 RES, 10.0 ohm, 1%, 0.2W, 1206 RES, 80.8k ohm, 1%, 0.2W, 1206	0603 0603 0603 0603 0603 0603 1206 0603	1 1 1 2	Vishay-Dale Yageo America Yageo America Yageo America Yageo America Vishay-Dale Yageo America	CRCW06031K24FKEA RC0603FR-072K49L RC0603FR-0717K8L RC0603FR-0729K4L RC0603FR-0759KL CRCW120610R0FKEA RC0603FR-0790K9L	Digi-Key Digi-Key Digi-Key Digi-Key Digi-Key Digi-Key Digi-Key Digi-Key	541-1.24KHCT-ND 311-2.49KHRCT-ND 311-17.8KHRCT-ND 311-29.4KHRCT-ND 311-59.0KHRCT-ND 541-10.0FCT-ND 311-90.9KHRCT-ND
R27 R28 R28 R31 R34 R35, R36 R37 R38 R40 R41 R43 T11 T2, T4	49.9 1.24k 2.49k 17.8k 29.4k 59.0k 10.0 90.9k 1.58k 100:1 1800 uH	RES, 1.24k ohm, 1%, 0.1W, 0603 RES, 2.49k ohm, 1%, 0.1W, 0603 RES, 17.8k ohm, 1%, 0.1W, 0603 RES, 29.4k ohm, 1%, 0.1W, 0603 RES, 59.4k ohm, 1%, 0.1W, 0603 RES, 59.0k ohm, 1%, 0.1W, 0603 RES, 10.0 ohm, 1%, 0.25W, 1006 RES, 10.5k ohm, 1%, 0.1W, 0603 RES, 1.58k ohm, 1%, 0.1W, 0603 RES, 1.58k ohm, 1%, 0.1W, 0603 Transformer, Current Sense, 10 mH Transformer, Cate Driver	0603 0603 0603 0603 0603 0603 1206 0603 XFMR_COILCRAFT_570_X_770 XFMR_PULSE_340X355	1 1 1 2	Vishay-Dale Yageo America Yageo America Yageo America Yageo America Vishay-Dale Yageo America Vageo America Vageo America Colicraft Pulse	CRCW06031K24FKEA RC0603FR-072K49L RC0603FR-0717K6L RC0603FR-0729K4L RC0603FR-0759KL CRCW120610R0FKEA RC0603FR-0790K9L RC0603FR-0790K9L RC0603FR-071K58L CS4100V-01L PA2002NL	Digi-Key Coilcraft Pulse	541-1.24KHCT-ND 311-2.49KHRCT-ND 311-2.94KHRCT-ND 311-29.4KHRCT-ND 311-59.0KHRCT-ND 311-59.0KHRCT-ND 311-99.9KHRCT-ND 311-99.9KHRCT-ND 311-99.9KHRCT-ND CS4100V-01L PA2002NL
R27 R28 R31 R34 R35, R36 R37 R38 R40 R41 R43 T1 T2, T4 T2, T4	49.9 1.24k 2.49k 11.7.8k 29.4k 59.0k 10.0 99.9k 1.58k 100:1 1800 uH	RES, 1.24k ohm, 1%, 0.1W, 0603 RES, 2.49k ohm, 1%, 0.1W, 0603 RES, 17.8k ohm, 1%, 0.1W, 0603 RES, 29.4k ohm, 1%, 0.1W, 0603 RES, 59.0k ohm, 1%, 0.1W, 0603 RES, 10.0 ohm, 1%, 0.1W, 0603 RES, 10.0 ohm, 1%, 0.25W, 1206 RES, 90.8k ohm, 1%, 0.25W, 1206 RES, 90.8k ohm, 1%, 0.1W, 0603 Transformer, Current Sense, 10 mH Transformer, Current Sense, 10 mH Transformer, Resonant Half Bridge, ±8%	0603 0603 0603 0603 0603 0603 1206 0603 0603 XFMR_COILGRAFT_570_X_770 XFMR_PULSE_340X355 XFMR_GGI_964_X_1240	1 1 1 2 1 1 1 1 1 1 1 1 2	Vishay-Dale Yageo America Yageo America Yageo America Yageo America Yageo America Vishay-Dale Yageo America Vishay-Dale Yageo America Coilcraft Pulse TBD	CRCW06031K24FKEA RC0603FR-072K49L RC0603FR-077K8L RC0603FR-0759K4L RC0603FR-0759K4 CRCW120610R0FKEA RC0603FR-0790K9L RC0603FR-0790K9L RC0603FR-071K58L CS4100V-01L PA2002NL TBD	Digi-Key Digi-Key Digi-Key Digi-Key Digi-Key Digi-Key Digi-Key Digi-Key Digi-Key Coilcraft Pulse TBD	641-1.24KHCT-ND 311-2.49KHRCT-ND 311-2.9KHRCT-ND 311-29.4KHRCT-ND 311-59.4KHRCT-ND 541-10.0FCT-ND 311-99.9KHRCT-ND 311-99.9KHRCT-ND CS4100V-01L PA2002NL TBD
R27 R28 R28 R31 R34 R34 R35, R36 R37 R38 R40 R41 R43 T1 T2, T4 T3	49.9 1.24k 2.49k 17.8k 29.4k 59.0k 10.0 90.9k 1.58k 100:1 1800 uH TBD	RES, 1.24k ohm, 1%, 0.1W, 0603 RES, 2.49k ohm, 1%, 0.1W, 0603 RES, 17.8k ohm, 1%, 0.1W, 0603 RES, 29.4k ohm, 1%, 0.1W, 0603 RES, 59.0k ohm, 1%, 0.1W, 0603 RES, 50.0k ohm, 1%, 0.1W, 0603 RES, 10.0 ohm, 1%, 0.25W, 1206 RES, 10.0 ohm, 1%, 0.25W, 1206 RES, 10.5k ohm, 1%, 0.1W, 0603 RES, 15.8k ohm, 1%, 0.1W, 0603 Transformer, Current Sense, 10 mH Transformer, Current Sense, 10 mH Transformer, Cate Driver Transformer, Resonant Half Bridge, ±8% Test Point, TH, Miniature, White	0603 0603 0603 0603 0603 1206 0603 1206 0603 XFMR_COILCRAFT_570_X_770 XFMR_PULSE_340X355 XFMR_GCL_964_X_1240 Keystone5002	1 1 1 2 1 1 1 1 1 1 1 1	Vishay-Dale Yageo America Colicraft Pulse TED Keystone	CRCW06031K24FKEA RC0603FR-072K49L RC0603FR-0717K6L RC0603FR-0729K4L RC0603FR-0729K4L RC0603FR-0759KL RC0603FR-0790K9L RC0603FR-071K58L CS4100V-01L PA2002NL TBD 5002	Digi-Key Tigi-Key Digi-Key Digi-Key Digi-Key Digi-Key Digi-Key	541-1.24KHCT-ND 311-2.49KHRCT-ND 311-2.49KHRCT-ND 311-78.4KHRCT-ND 311-59.0KHRCT-ND 511-59.0KHRCT-ND 511-59.9KHRCT-ND 111-59.9KHRCT-ND 111-59.9KHRCT-ND CS4100V-01L PA2002NL TDD 5002K-ND
R27 R28 R31 R34 R35, R36 R37 R38 R40 R41 R43 T1 T2, T4 T3 TP1 TP1 TP2	49.9 1.24k 1.28k 29.4k 59.0k 10.0 90.9k 1.58k 100:0 1150 1150 1150 1150 1150 1150 115	RES, 1.24k ohm, 1%, 0.1W, 0603 RES, 2.49k ohm, 1%, 0.1W, 0603 RES, 17.8k ohm, 1%, 0.1W, 0603 RES, 19.4k ohm, 1%, 0.1W, 0603 RES, 59.4k ohm, 1%, 0.1W, 0603 RES, 59.0k ohm, 1%, 0.2W, 0603 RES, 10.0 ohm, 1%, 0.2BW, 1206 RES, 10.0 ohm, 1%, 0.2BW, 1206 RES, 10.0 ohm, 1%, 0.2BW, 1006 RES, 10.5k ohm, 1%, 0.1W, 0603 RES, 1.58k ohm, 1%, 0.1W, 0603 RES, 1.58k ohm, 1%, 0.1W, 0603 Transformer, Current Sense, 10 mH Transformer, Gate Driver Transformer, Resonant Half Bridge, ±8% Test Point, TH, Miniature, White Test Point, TH, Miniature, White	0603 0603 0603 0603 0603 0603 1206 0603 0603 1206 0603 XFMR_COILCRAFT_570_X_770 XFMR_PULSE_340X355 XFMR_GCI_984_X_1240 Keystone5002 Keystone5002	1 1 1 2 1 1 1 1 1 1 1 2 1 1 1 1 1 1 1 1	Vishay-Dale Yageo America Colicraft Pulse TBD TBD Keystone Keystone	CRCW06031K24FKEA RC0603FR-072K49L RC0603FR-0717K6L RC0603FR-0759KL RC0603FR-0759KL RC0603FR-0790K9L RC0603FR-0790K9L RC0603FR-0790K9L RC0603FR-071K58L CS4100V-01L PA2002NL TBD 50002 5000	Digi-Key Digi-Key Digi-Key Digi-Key Digi-Key Digi-Key Digi-Key Digi-Key Digi-Key Coilcraft Pulse TBD	541-1.24KHCT-ND 311-2.49KHRCT-ND 311-2.94KHRCT-ND 311-29.4KHRCT-ND 311-59.0KHRCT-ND 311-59.0KHRCT-ND 311-90.9KHRCT-ND 311-90.9KHRCT-ND 311-90.9KHRCT-ND 311-1.58KHRCT-ND CS4100V-01L PA2002NL TBD 5002K-ND 5000K-ND
R27 R28 R31 R34 R35, R36 R37 R38 R40 R41 R43 T1 T2, T4 T3 T9 T9 T9 T9 U1, U3	49.9 1.248 17.8k 29.4k 59.0k 10.0 90.9k 1.58k 100.1 1800 uH TBD White Red UCC27324D	RES, 1.24k ohm, 1%, 0.1W, 0603 RES, 2.49k ohm, 1%, 0.1W, 0603 RES, 2.49k ohm, 1%, 0.1W, 0603 RES, 1.78 kohm, 1%, 0.1W, 0603 RES, 2.9 4k ohm, 1%, 0.1W, 0603 RES, 5.9 0k ohm, 1%, 0.1W, 0603 RES, 5.9 0k ohm, 1%, 0.1W, 0603 RES, 5.00 ohm, 1%, 0.1W, 0603 RES, 1.9 0.9k ohm, 1%, 0.1W, 0603 Transformer, Current Sense, 10 mH Transformer, Current Sense, 10 mH Transformer, Resonant Half Bridge, ±8% Test Point, TH, Miniature, White Test Point, TH, Miniature, Red (C, Dual 4A Peak High Speed Low-Side MOSFET Driver	0603 0603 0603 0603 0603 0603 1206 0603 1206 0603 XFMR_COILCRAFT_570_X_770 XFMR_PULSE_340X355 XFMR_GGI_984_X_1240 Keystone5002 Keystone5000 S08	1 1 1 2 1 1 1 1 1 1 1 2 1 1 1 1 1 1 1 1	Vishay-Dale Yageo America Yageo America Yageo America Yageo America Vageo America Vishay-Dale Yageo America Vishay-Dale Yageo America Coilcraft Pulse TBD Keystone Keystone Texas Instruments	CRCW06031K24FKEA RC0603FR-072K49L RC0603FR-0717K8L RC0603FR-0729K4L RC0603FR-0759KL CRCW120610R0FKEA RC0603FR-0790K9L RC0603FR-071K58L CS4100V-01L PA2002NL TBD 5002 5000 UCC27324D	Digi-Key Digi-Key Digi-Key Digi-Key Digi-Key Digi-Key Digi-Key Digi-Key Digi-Key Colicraft Pulse TBD Digi-Key Digi-Key	641-1.24KHCT-ND 311-2.49KHRCT-ND 311-2.94KHRCT-ND 311-92.4KHRCT-ND 311-59.0KHRCT-ND 311-59.0KHRCT-ND 311-59.0KHRCT-ND 311-99.9KHRCT-ND 311-99.9KHRCT-ND 311-9.9KHRCT-ND CS4100V-01L PA2002NL TBD 5002K-ND 5002K-ND UCC27324D
R27 R28 R31 R34 R35, R36 R37 R38 R40 R41 R43 T1 T2, T4 T3 TPH TPE	49.9 1.24k 1.28k 29.4k 59.0k 10.0 90.9k 1.58k 100:0 1150 1150 1150 1150 1150 1150 115	RES, 1.24k ohm, 1%, 0.1W, 0603 RES, 2.49k ohm, 1%, 0.1W, 0603 RES, 17.8k ohm, 1%, 0.1W, 0603 RES, 19.4k ohm, 1%, 0.1W, 0603 RES, 59.4k ohm, 1%, 0.1W, 0603 RES, 59.0k ohm, 1%, 0.2W, 0603 RES, 10.0 ohm, 1%, 0.2BW, 1206 RES, 10.0 ohm, 1%, 0.2BW, 1206 RES, 10.0 ohm, 1%, 0.2BW, 1006 RES, 10.5k ohm, 1%, 0.1W, 0603 RES, 1.58k ohm, 1%, 0.1W, 0603 RES, 1.58k ohm, 1%, 0.1W, 0603 Transformer, Current Sense, 10 mH Transformer, Gate Driver Transformer, Resonant Half Bridge, ±8% Test Point, TH, Miniature, White Test Point, TH, Miniature, White	0603 0603 0603 0603 0603 0603 1206 0603 0603 1206 0603 XFMR_COILCRAFT_570_X_770 XFMR_PULSE_340X355 XFMR_GCI_984_X_1240 Keystone5002 Keystone5002	1 1 1 2 1 1 1 1 1 1 1 2 1 1 1 1 1 1 1 1	Vishay-Dale Yageo America Colicraft Pulse TBD TBD Keystone Keystone	CRCW06031K24FKEA RC0603FR-072K49L RC0603FR-0717K6L RC0603FR-0759KL RC0603FR-0759KL RC0603FR-0790K9L RC0603FR-0790K9L RC0603FR-0790K9L RC0603FR-071K58L CS4100V-01L PA2002NL TBD 50002 5000	Digi-Key Tigi-Key Digi-Key Digi-Key Digi-Key Digi-Key Digi-Key	541-1.24KHCT-ND 311-2.94KHRCT-ND 311-2.94KHRCT-ND 311-29.4KHRCT-ND 311-59.0KHRCT-ND 311-59.0KHRCT-ND 311-90.9KHRCT-ND 311-90.9KHRCT-ND 311-90.9KHRCT-ND 311-1.58KHRCT-ND TISHCHEND TISHCHE

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