

Designator	Quantity	Value	Description	PackageReference	PartNumber	Manufacturer
C1	1	1uF	CAP, CERM, 1uF, 100V, +/-10%, X7R, 1210	1210	GRM32CR72A105KA35L	MuRata
C2	1	0.1uF	CAP, CERM, 0.1uF, 100V, +/-10%, X7R, 0805	0805	C0805C104K1RACTU	Kemet
C3	1	10uF	CAP, CERM, 10uF, 25V, +/-10%, X7R, 1206	1206	GRM31CR71E106KA12L	MuRata
C4, C9, C10, C11, C13	5	2.2uF	CAP, CERM, 2.2uF, 25V, +/-10%, X7R, 0805	0805	GRM21BR71E225KA73L	MuRata
C5	1	1uF	CAP, CERM, 1uF, 16V, +/-10%, X5R, 0603	0603	C0603C105K4PACTU	Kemet
C6	1	1000pF	CAP, CERM, 1000pF, 25V, +/-10%, X7R, 0603	0603	GRM188R71E102KA01D	MuRata
C7	1	0.01uF	CAP, CERM, 0.01uF, 50V, +/-10%, X7R, 0603	0603	GRM188R71H103KA01D	MuRata
C8	1	0.01uF	CAP, CERM, 0.01uF, 16V, +/-10%, X7R, 0603	0603	GRM188R71C103KA01D	MuRata
C12	1	1000pF	Ceramic, X7R, 1000V, 10%	1210	VJ1210Y102KXGAT5Z	Vishay-Vitramon
D1	1	0.58V	Diode, Schottky, 45V, 0.1A, SOD-523	SOD-523	SDM10U45-7-F	Diodes Inc.
D2, D5	2	0.85V	Diode, Schottky, 200V, 1A, PowerDI123	PowerDI123	DFLS1200-7	Diodes Inc.
D3, D4	2	0.57V	Diode, Schottky, 60V, 1A, SOD-123F	SOD-123F	PMEG6010CEH,115	NXP Semiconductor
FB, SW	2	Red	Test Point, TH, Miniature, Red	Keystone5000	5000	Keystone
GND1, GND2, IGND1, IGND2, Vin, Vo2n, Vo2p, Vo3n, Vo3p, Vopri	10	Double	Terminal, Turret, TH, Double	Keystone1502-2	1502-2	Keystone
GND3	1	Black	Test Point, TH, Miniature, Black	Keystone5001	5001	Keystone
R1	1	10.0k	RES, 10.0k ohm, 1%, 0.1W, 0603	0603	CRCW060310K0FKEA	Vishay-Dale
R2, R6	2	20.0k	RES, 20.0k ohm, 1%, 0.1W, 0603	0603	CRCW060320K0FKEA	Vishay-Dale
R3	1	105k	RES, 105k ohm, 1%, 0.1W, 0603	0603	RC0603FR-07105KL	Yageo America
R4	1	127k	RES, 127k ohm, 1%, 0.1W, 0603	0603	CRCW0603127KFKEA	Vishay-Dale
R5	1	340k	RES, 340k ohm, 1%, 0.1W, 0603	0603	CRCW0603340KFKEA	Vishay-Dale
R7, R10	2	2.00k	RES, 2.00k ohm, 1%, 0.125W, 0805	0805	CRCW08052K00FKEA	Vishay-Dale
R8, R9	2	1.00k	RES, 1.00k ohm, 1%, 0.125W, 0805	0805	CRCW08051K00FKEA	Vishay-Dale
T1	1	50uH	XFMR, SMT 50uH, 3:2:4, 3:2:4		750313995	Würth Electronics Midcom
U1	1		100V, 600mA Constant On-Time Synchronous Buck Regulator	PSOP-8	LM5017MR	Texas Instruments

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