

ZETA demo

Quantity	Designator	Value	Description	PackageReference	PartNumber	Manufacturer
6	C1, C2, C4a, C4b, C8, C9	22uF	CAP, CERM, 22uF, 25V, +/-10%, X7R, 1210	1210	GRM32ER71E226KE15L	MuRata
2	C3, C5	470pF	CAP, CERM, 470pF, 50V, +/-10%, X7R, 0603	0603	GRM188R71H471KA01D	MuRata
1	C6	390pF	CAP, CERM, 390pF, 50V, +/-10%, X7R, 0603	0603	GRM188R71H391KA01D	MuRata
1	C7	1uF	CAP, CERM, 1uF, 25V, +/-10%, X7R, 0603	0603	GRM188R71E105KA12D	MuRata
1	C10	0.018uF	CAP, CERM, 0.018uF, 50V, +/-10%, X7R, 0603	0603	GRM188R71H183KA01D	MuRata
1	C11	0.47uF	CAP, CERM, 0.47uF, 25V, +/-10%, X7R, 0603	0603	GRM188R71E474KA12D	MuRata
1	C12	680pF	CAP, CERM, 680pF, 50V, +/-10%, X7R, 0603	0603	GRM188R71H681KA01D	MuRata
1	D1	40V	Diode, Schottky, 40V, 5A, SMC	SMC	B540C-13-F	Diodes Inc.
2	J1, J2		Terminal Block, 6A, 3.5mm Pitch, 2-Pos, TH	7.0x8.2x6.5mm	ED555/2DS	On-Shore Technology
1	L1	22uH	Coupled inductor, 22uH, 2.44A, 0.033 ohm, +/-20%, SMD	IND_14.8x8.6x14.8mm, SMD	MSD1583-223MEB	Coilcraft
1	Q1	-40V	MOSFET, P-CH, -40V, -6.1A, SOIC-8	SOIC-8	Si4447ADY	Vishay-Siliconix
1	R2	0.01	RES, 0.01 ohm, 1%, 1W, 1206	1206	WSLP1206R0100FEA	Vishay-Dale
1	R3	68.1k	RES, 68.1k ohm, 1%, 0.1W, 0603	0603	CRCW060368K1FKEA	Vishay-Dale
1	R4	1.00k	RES, 1.00k ohm, 1%, 0.1W, 0603	0603	CRCW06031K00FKEA	Vishay-Dale
1	R5	4.02k	RES, 4.02k ohm, 1%, 0.1W, 0603	0603	CRCW06034K02FKEA	Vishay-Dale
1	R7	2.32k	RES, 2.32k ohm, 1%, 0.1W, 0603	0603	CRCW06032K32FKEA	Vishay-Dale
1	R8	100k	RES, 100k ohm, 1%, 0.1W, 0603	0603	CRCW0603100KFKEA	Vishay-Dale
1	R9	6.19k	RES, 6.19k ohm, 1%, 0.1W, 0603	0603	CRCW06036K19FKEA	Vishay-Dale
1	R10	49.9	RES, 49.9 ohm, 1%, 0.1W, 0603	0603	CRCW060349R9FKEA	Vishay-Dale
2	TP1, TP3	Red	Test Point, Miniature, Red, TH	Red Miniature Testpoint	5000	Keystone
3	TP2, TP4, TP8	Black	Test Point, Miniature, Black, TH	Black Miniature Testpoint	5001	Keystone
2	TP5, TP6	White	Test Point, Miniature, White, TH	White Miniature Testpoint	5002	Keystone
1	TP7	Orange	Test Point, Miniature, Orange, TH	Orange Miniature Testpoint	5003	Keystone

Quantity	Designator	Value	Description	PackageReference	PartNumber	Manufacturer
1	U1	TPS40200D	IC, Low Cost Sync Buck Controller	SO-8	TPS40200D	TI

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