

Item	Part Number	Description	Designator	Footprint	Manufacturer	Quantity
1	HMK325B7225KN-T	CAP, CERM, 2.2uF, 100V, +/-10%, X7R, 1210	C1, C2, C3, C20, C21, C22	1210	Taiyo Yuden	6
2	GRM188R71C105KA12D	CAP, CERM, 1uF, 16V, +/-10%, X7R, 0603	C4, C18	0603	MuRata	2
3	C2012X7R2A104K	CAP, CERM, 0.1uF, 100V, +/-10%, X7R, 0805	C5	0805_HV	TDK	1
4	C1608X7R1H104K	CAP, CERM, 0.1uF, 50V, +/-10%, X7R, 0603	C6, C14, C16, C24	0603	TDK	4
5	GRM188R72A104KA35D	CAP, CERM, 0.1uF, 100V, +/-10%, X7R, 0603	C7, C19	0603	MuRata	2
6	06035A101JAT2A	CAP, CERM, 100pF, 50V, +/-5%, COG/NPO, 0603	C8, C11, C17	0603	AVX	3
7	EEF-CD1B220R	CAP ALUM 22UF 12.5V 20% SMD	C9, C10, C27, C28	CD SP-CAP	Panasonic-ECG	4
8	06031C272JAT2A	CAP, CERM, 2700pF, 100V, +/-5%, X7R, 0603	C12, C29	0603	AVX	2
9	C1608X7R1H473K	CAP, CERM, 0.047uF, 50V, +/-10%, X7R, 0603	C13	0603	TDK	1
10	C0603C222K5RACTU	CAP, CERM, 2200pF, 50V, +/-10%, X7R, 0603	C15, C23	0603	Kemet	2
11	GRM1885C1H101JA01D	CAP, CERM, 100pF, 50V, +/-5%, COG/NPO, 0603	C25, C26	0603	MuRata	2
12	BAT46W-7-F	Diode, Schottky, 100V, 0.15A, SOD-123	D1, D2, D3, D4	SOD-123	Diodes Inc.	4
13	BAT54WS-7-F	Diode, Schottky, 30V, 0.2A, SOD-323	D5, D6, D7, D8	sod-323	Diodes Inc.	4
14	5000	Test Point, TH, Miniature, Red	EN2, Sync, TP IN, TP OUT, VIN, VOUT	Keystone5000	Keystone	6
15	5001	Test Point, TH, Miniature, Black	GND, GND V	Keystone5001	Keystone	2
16	3102-2-00-21-00-00-08-0	PC PIN .040 DIA 3102-2 SERIES	J1, J2	3102-2-00-21-00-00-08-0	Mill -Max	2
17	3144-2-00-21-00-00-08-0	CIRCUIT PIN PRNTD .188" .084"	J3, J4	3144-2-00-21-00-00-08-0	Mill -Max	2
18	VER2923-103KL	Inductor, Shielded E Core, Ferrite, 10.0uH, 34A, .0023 ohm, SMD	L1, L2	VER2923	Coilcraft	2
19	BSC123N08NS3 G	MOSFET, N-CH, 80V, 55A, PG-TDSON-8	Q1, Q2, Q5, Q6	PG-TDSON-8	Infineon Technologies	4
20	BSC047N08NS3 G	MOSFET, N-CH, 80V, 100A, PG-TDSON-8	Q3, Q4, Q7, Q8	PG-TDSON-8	Infineon Technologies	4
21	2DB1694-7	TRANS BIPO PNP 30V 1A SOT-323	Q9, Q10, Q11, Q12	SOT-323 DIODES INC	Diodes Inc.	4

22	CRCW06030000Z0EA	RES, 0 ohm, 5%, 0.1W, 0603	R1, R13	0603	Vishay-Dale	2
23	CRCW060310K0FKEA	RES, 10.0k ohm, 1%, 0.1W, 0603	R2, R6	0603	Vishay-Dale	2
24	CRCW08051R00FNEA	RES, 1.00 ohm, 1%, 0.125W, 0805	R3	0805_HV	Vishay-Dale	1
25	CRCW0603133KFKEA	RES, 133k ohm, 1%, 0.1W, 0603	R4	0603	Vishay-Dale	1
26	CRCW06032K49FKEA	RES, 2.49k ohm, 1%, 0.1W, 0603	R5	0603	Vishay-Dale	1
27	CRCW060373K2FKEA	RES, 73.2k ohm, 1%, 0.1W, 0603	R7, R23	0603	Vishay-Dale	2
28	CRCW12061R00FNEA	RES, 1.00 ohm, 1%, 0.25W, 1206	R8, R16	1206	Vishay-Dale	2
29	CRCW06033K32FKEA	RES, 3.32k ohm, 1%, 0.1W, 0603	R9	0603	Vishay-Dale	1
30	WSL20103L000FEA	RES, 0.003 ohm, 1%, 0.5W, 2010	R10, R19	2010M	Vishay-Dale	2
31	CRCW060349K9FKEA	RES, 49.9k ohm, 1%, 0.1W, 0603	R11	0603	Vishay-Dale	1
32	CRCW060369K8FKEA	RES, 69.8k ohm, 1%, 0.1W, 0603	R18	0603	Vishay-Dale	1
33	CRCW06034K99FKEA	RES, 4.99k ohm, 1%, 0.1W, 0603	R22	0603	Vishay-Dale	1
34	CRCW060349R9FKEA	RES, 49.9 ohm, 1%, 0.1W, 0603	R24	0603	Vishay-Dale	1
35	CRCW0603100RFKEA	RES, 100 ohm, 1%, 0.1W, 0603	R25, R26, R27, R28	0603	Vishay-Dale	4
36	LM5119	IC CTRL SYNC BUCK DUAL 32-LLP	U1	SQA32A	National Semiconductor	1

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