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Designator	PartNumber	Description	Value	Package Reference	Quantity	Manufacturer
Ccm	C1608X7R1E105K080AB	CAP, CERM, 1uF, 25V, +/-10%, X7R, 0603	1uF	0603	1	TDK
Cf	06035A101JAT2A	CAP, CERM, 100pF, 50V, +/-5%, C0G/NP0, 0603	100pF	0603	1	AVX
Cin1	HMK325B7225KN-T	CAP, CERM, 2.2uF, 100V, +/-10%, X7R, 1210	2.2uF	1210	1	Taiyo Yuden
Cin2, Cin3	HMK325B7225KN-T	CAP, CERM, 2.2uF, 100V, +/-10%, X7R, 1210	2.2uF	1210	2	Taiyo Yuden
Cis	C2012C0G2E102J	CAP, CERM, 1000pF, 250V, +/-5%, C0G/NP0, 0805	1000pF	0805	1	TDK
CL, Csoft	C1608X7R1C105K	CAP, CERM, 1uF, 16V, +/-10%, X7R, 0603	1uF	0603	2	TDK
Co11	APXE100ARA470ME61G	CAP, AL, 47uF, 10V, +/-20%, 0.028 ohm, SMD	47uF	E61	1	Nippon Chemi-Con
Co12	EMVY160ATR102MKE0S	CAP, AL, 1000uF, 16V, +/-20%, 0.07 ohm, SMD	1000uF	KE0	1	Nippon Chemi-Con
Co13	C1206C475K4PACTU	CAP, CERM, 4.7uF, 16V, +10/%, X5R, 1206	4.7uF	1206	1	Kemet
Co14	C0805C104K4RACTU	CAP, CERM, 0.1uF, 16V, +10/%, X7R, 0805	0.1uF	0805	1	Kemet
Co21	EEE-FC1H2R2R	CAP, AL, 2.2uF, 50V, +/-20%, 5 ohm, SMD	2.2u	SMT Radial B	1	Panasonic
Co22	GRM31CR71H225KA88L	CAP, CERM, 2.2uF, 50V, +10/%, X7R, 1206	2.2uF	1206	1	MuRata
Co23, Co24	CC0805KRX7R9BB104	CAP, CERM, 0.1uF, 50V, +10/%, X7R, 0805	0.1uF	0805	2	Yageo America
Copto	C1608X7R1C105K	CAP, CERM, 1uF, 16V, +/-10%, X7R, 0603	1uF	0603	1	TDK
Cp	06033C101KAT2A	CAP, CERM, 100pF, 25V, +/-10%, X7R, 0603	100pF	0603	1	AVX
Css	C1608C0G1E103J	CAP, CERM, 0.01uF, 25V, +/-5%, C0G/NP0, 0603	0.01uF	0603	1	TDK
Cvcc	GRM31CR71E106KA12L	CAP, CERM, 10uF, 25V, +/-10%, X7R, 1206	10uF	1206	1	MuRata
Cvin	C3216X7R2A105M	CAP, CERM, 1uF, 100V, +/-20%, C Series, 1206	1uF	1206	1	TDK
Cz	GRM188R61A474KA61D	CAP, CERM, 0.47uF, 10V, +/-10%, X5R, 0603	0.47uF	0603	1	MuRata
Db, Dt	MBRS1100T3G, 1SMB5932BT3G	Diode, Schottky, 100V, 1A, SMB, Diode, Zener, 20V, 550mW, SMB		SMB	2	ON Semiconductor
Do1	MBRB1545CT-T	Diode, Schottky, 45V, 15A, DDPAK	45V	DDPAK	1	Diodes Inc.
Do2	B140-13-F	Diode, Schottky, 40V, 1A, SMA	0.5V	SMA	1	Diodes Inc.
Dsb, Dst, Dvin	1N4148W-7-F	Diode, Ultrafast, 100V, 0.15A, SOD-123	1.25V	SOD-123	3	Diodes Inc.
Dvcc	DFLZ12-7	Diode, Zener, 12V, 1W, PowerDI123	12V	PowerDI123	1	Diodes Inc.
Iso1_G	1503-2	Terminal, Turret, TH, Double	Double	Keystone1503-2	1	Keystone
Iso2_G	1503-2	Terminal, Turret, TH, Double	Double	Keystone1503-2	1	Keystone
Pri_G	1503-2	Terminal, Turret, TH, Double	Double	Keystone1503-2	1	Keystone
Q1	SI7186DP-T1-E3	MOSFET, N-CH, 80V, 32A, PowerPAK SO-8	80V	PowerPAK SO-8	1	Vishay-Siliconix
Rcm, Rf, Ropto	CRCW06031K00FKEA	RES, 1.00k ohm, 1%, 0.1W, 0603	1.00k	0603	3	Vishay-Dale
Rcs	CSRN2512FKR300	RES, 0.3 ohm, 1%, 2W, 2512	0.3	2512	1	Stackpole Electronics Inc

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RfbB1	CRCW06038K25FKEA	RES, 8.25k ohm, 1%, 0.1W, 0603	8.25k	0603	1	Vishay-Dale
RfbB2	CRCW060332K4FKEA	RES, 32.4k ohm, 1%, 0.1W, 0603	32.4k	0603	1	Vishay-Dale
RfbT	CRCW060320K0FKEA	RES, 20.0k ohm, 1%, 0.1W, 0603	20.0k	0603	1	Vishay-Dale
Ris	CRCW08050000Z0EA	RES, 0 ohm, 5%, 0.125W, 0805	0	0805	1	Vishay-Dale
RL	CRCW080510R0JNEA	RES, 10 ohm, 5%, 0.125W, 0805	10	0805	1	Vishay-Dale
RIg	CRCW060310R0FKEA	RES, 10.0 ohm, 1%, 0.1W, 0603	10	0603	1	Vishay-Dale
Ro1	CRCW0805402RFKEA	RES, 402 ohm, 1%, 0.125W, 0805	402	0805	1	Vishay-Dale
Ro2	CRCW08055K10JNEA	RES, 5.1k ohm, 5%, 0.125W, 0805	5.1k	0805	1	Vishay-Dale
Rsoft	CRCW06033K01FKEA	RES, 3.01k ohm, 1%, 0.1W, 0603	3.01k	0603	1	Vishay-Dale
RT	RT0603DRE0785K6L	RES, 85.6k ohm, 0.5%, 0.1W, 0603	85.6k	0603	1	Yageo America
RuvB	CRCW06036R49FKEA	RES, 6.49 ohm, 1%, 0.1W, 0603	6.49	0603	1	Vishay-Dale
RuvT	CRCW060340K2FKEA	RES, 40.2k ohm, 1%, 0.1W, 0603	40.2k	0603	1	Vishay-Dale
Rvin	CRCW12063R32FKEA	RES, 3.32 ohm, 1%, 0.25W, 1206	3.32	1206	1	Vishay-Dale
Rz	CRCW06034K75FKEA	RES, 4.75k ohm, 1%, 0.1W, 0603	4.75k	0603	1	Vishay-Dale
T	G144054LF	Lp=36uH, Np:Ns1:Ns2=20:7:32		EFD15	1	GCI technologies
TP5	5014	Test Point, Multipurpose, Yellow, TH	Yellow	Yellow Multipurpose Testpoint	1	Keystone
TP6	5014	Test Point, Multipurpose, Yellow, TH	Yellow	Yellow Multipurpose Testpoint	1	Keystone
U1	LM5022MM	60V Low Side Controller for Boost and SEPIC, 10-pin MSOP		MUB10A	1	Texas Instruments
U2	PS2501L-1-A	High Isolation Voltage Single Transistor Type OptoCoupler		PS2501L	1	California Eastern Laboratories
U3	LMV431ACM5	Low-Voltage (1.24V) Adjustable Precision Shunt Regulator, 5-pin SOT-23		MF05A	1	Texas Instruments
Vin	1503-2	Terminal, Turret, TH, Double	Double	Keystone1503-2	1	Keystone
Vo1	1503-2	Terminal, Turret, TH, Double	Double	Keystone1503-2	1	Keystone
Vo2	1503-2	Terminal, Turret, TH, Double	Double	Keystone1503-2	1	Keystone

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