

ITEM	REF_DES	DNI/DNP	QTY	MFG PART #	MANUFACTURER	VALUE	DESCRIPTION
1	C1, C14	-	2	GRM32ER71K475KE14	MURATA	4.7UF	CAPACITOR; SMT (1210); CERAMIC CHIP; 4.7UF; 80V; TOL=10%; TG=-55 DEGC TO +125 DEGC; TC=X7R
2	C2	-	1	C2012X7S2A105K125; GRJ21BC72A105KE11	TDK;MURATA	1UF	CAPACITOR; SMT (0805); CERAMIC CHIP; 1UF; 100V; TOL=10%; TG=-55 DEGC TO +125 DEGC; TC=X7S
3	C3, C9, C10	-	3	C2012X7R1H225K	TDK	2.2UF	CAPACITOR; SMT (0805); CERAMIC CHIP; 2.2UF; 50V; TOL=10%; MODEL=; TG=-55 DEGC TO +125 DEGC; TC=X7R
4	C4	-	1	CGA5H3C0G2E472J	TDK	4700PF	CAPACITOR; SMT (1206); CERAMIC CHIP; 4700PF; 250V; TOL=5%; MODEL=; TG=-55 DEGC TO +125 DEGC; TC=C0G
5	C5	-	1	C0805C221J2GAC	KEMET	220PF	CAPACITOR; SMT; 0805; CERAMIC; 220pF; 200V; 5%; COG; -55degC to +125degC; 0 +/-30PPM/degC
6	C6, C7	-	2	C0603C473K5RAC; GCM188R71H473K; GRM188R71H473K	KEMET;MURATA;MURATA	0.047UF	CAPACITOR; SMT (0603); CERAMIC CHIP; 0.047UF; 50V; TOL=10%; MODEL=X7R; TG=-55 DEGC TO +125 DEGC; TC=
7	C8	-	1	C0603C100K1GAC	KEMET	10PF	CAPACITOR; SMT (0603); CERAMIC CHIP; 10PF; 100V; TOL=10%; MODEL=C0G; TG=-55 DEGC TO +125 DEGC; TC=+/-
8	C11, C15	-	2	C1210C107M9PAC; C1210X5R6R3-107MNE; GRM32ER60J107ME20; C3225X5R0J107M250AC	KEMET; VENKEL LTD.; MURATA; TDK	100UF	CAPACITOR; SMT (1210); CERAMIC CHIP; 100UF; 6.3V; TOL=20%; TG=-55 DEGC TO +85 DEGC; TC=X5R
9	C12	-	1	1206SC102KAT	AVX	1000PF	CAPACITOR; SMT (1206); CERAMIC CHIP; 1000PF; 1500V; TOL=10%; TG=-55 DEGC TO +125 DEGC; TC=X7R
10	C13	-	1	06033C103MAT2A	AVX	0.01UF	CAPACITOR; SMT (0603); CERAMIC CHIP; 0.01UF; 25V; TOL=20%; TG=-55 DEGC TO +125 DEGC; TC=X7R
11	D1	-	1	DFLR1200	DIODES INCORPORATED	DFLR1200	DIODE; RECT; SMT (POWERDI-123); PIV=200V; IF=1A
12	D3	-	1	SMAZ5V6	DIODES INCORPORATED	5.6V	DIODE; ZNR; SMA (DO-214AC); VZ=5.60V; IZ=0.1A
13	VIN, GND0, PGND, VOUT	-	4	9020 BUSS	WEICO WIRE	MAXIMPAD	EVK KIT PARTS; MAXIM PAD; WIRE; NATURAL; SOLID; WEICO WIRE; SOFT DRAWN BUS TYPE-S; 20AWG
14	Q1	-	1	FDMS86252	FAIRCHILD SEMICONDUCTOR	FDMS86252	TRAN; N-CHANNEL SHIELED GATE POWERTRENCH MOSFET; NCH; POWER-56; PD-(69W); I-(16A); V-(150V)
15	Q2	-	1	BSZ040N04LSG	INFINEON	BSZ040N04LSG	TRAN; OPTIMOS TM 3 POWER-TRANSISTOR; NCH; PG-TSDSON8; PD-(69W); I-(40A); V-(40V)
16	R1, R5, R18	-	3	CRCW060310K0FK;ERJ-3EKF1002	VISHAY DALE;PANASONIC	10K	RESISTOR; 0603; 10K; 1%; 100PPM; 0.10W; THICK FILM
17	R2	-	1	CRCW0603464KFK	VISHAY DALE	464K	RESISTOR; 0603; 464K OHM; 1%; 100PPM; 0.1W; THICK FILM
18	R3	-	1	CRCW060325K5FK	VISHAY DALE	25.5K	RESISTOR; 0603; 25.5K OHM; 1%; 100PPM; 0.10W; THICK FILM
19	R4	-	1	CRCW0603191KFK	VISHAY DALE	191K	RESISTOR; 0603; 191K OHM; 1%; 100PPM; 0.10W; METAL FILM
20	R6, R8	-	2	ERJ-3EKF1213	PANASONIC	121K	RESISTOR; 0603; 121K OHM; 1%; 100PPM; 0.10W; THICK FILM
21	R9	-	1	ERJ-3EKF3482	PANASONIC	34.8K	RESISTOR; 0603; 34.8K OHM; 1%; 100PPM; 0.1W; THICK FILM
22	R10	-	1	RK73H1JTTD7321F	KOA SPEER ELECTRONICS INC.	7.32K	RESISTOR; 0603; 7.32K OHM; 1%; 100PPM; 0.10W; THICK FILM
23	R11	-	1	ERJ-12SF1542	PANASONIC	15.4K	RES; SMT (2010); 15.4K; 1%; +/-100PPM/DEGC; 0.75W
24	R12	-	1	CRCW120647R0JN; ERJ-8GEYJ470	VISHAY DALE;PANASONIC	47	RESISTOR; 1206; 47 OHM; 5%; 200PPM; 0.25W; THICK FILM
25	R13	-	1	CSR1206FK75L0	STACKPOLE ELECTRONICS INC	0.075	RESISTOR; 1206; 0.075 OHM; 1%; 100PPM; 0.5W; THICK FILM
26	R15	-	1	CRCW06032K21FK	VISHAY DALE	2.21K	RESISTOR; 0603; 2.21K OHM; 1%; 100PPM; 0.1W; THICK FILM
27	R16	-	1	CRCW0603110KFK	VISHAY DALE	110K	RESISTOR, 0603, 110K, 1%, 100PPM, 0.10W, THICK FILM
28	R17	-	1	CRCW060310R0FK; MCR03EZPFX10R0	VISHAY DALE;ROHM	10	RESISTOR; 0603; 10 OHM; 1%; 100PPM; 0.10W; THICK FILM
29	R19	-	1	CRCW060322R1FK	VISHAY DALE	22.1	RESISTOR; 0603; 22.1 OHM; 1%; 100PPM; 0.10W; THICK FILM
30	U1	-	1	MAX17690ATE+	MAXIM	MAX17690ATE+	IC; CTRL; 60V; NO-OPTO ISOLATED FLYBACK CONTORLLER; TQFN16-EP
31	U2	-	1	MAX17606AZT+	MAXIM	MAX17606AZT+	IC; CONV; SECONDARY-SIDE SYNCHRONOUS MOSFET DRIVER FOR FLYBACK CONVERTER; TSOT23-6
32	PCB	-	1	MAX17690_MAXREFDES1093_APPS_P2	MAXIM	PCB	PCB:MAX17690_MAXREFDES1093_APPS_P2
33	C16	DNI	1	GRM32ER71K475KE14	MURATA	4.7UF	CAPACITOR; SMT (1210); CERAMIC CHIP; 4.7UF; 80V; TOL=10%; TG=-55 DEGC TO +125 DEGC; TC=X7R
34	C17	DNI	1	C1210C107M9PAC; C1210X5R6R3-107MNE; GRM32ER60J107ME20; C3225X5R0J107M250AC	KEMET; VENKEL LTD.; MURATA; TDK	100UF	CAPACITOR; SMT (1210); CERAMIC CHIP; 100UF; 6.3V; TOL=20%; TG=-55 DEGC TO +85 DEGC; TC=X5R
35	D2	DNP	0	1N4148W-7-F	DIODES INCORPORATED	1N4148W-7-F	DIODE; SWT; SMT (SOD-123); PIV=100V; IF=0.3A; -65 DEGC TO +150 DEGC
36	R14	DNP	0	CRCW060310R0FK; MCR03EZPFX10R0	VISHAY DALE;ROHM	10	RESISTOR; 0603; 10 OHM; 1%; 100PPM; 0.10W; THICK FILM
37	T1	DNP	0	750317248	WURTH ELECTRONICS INC	750317248	EVKIT PART - TRANSFORMER; 750317248; 8L SMT
TOTAL			45				