

NOTE: DNI--> DO NOT INSTALL(PACKOUT); DNP--> DO NOT PROCURE

ITEM	REF_DES	DNI/DNP	QTY	MFG PART #	MANUFACTURER	VALUE	DESCRIPTION
	AC1, AC2, DITHER_SYNC, EARTH, EN_LVLO, GNDD, DVI_SGND, VOUT	-	9	9020 BUSS	WEICO WIRE	MAXIMPAD	EVK KIT PARTS; MAXIM PAD; WIRE; NATURAL; SOLID; WEICO WIRE; SOFT DRAWN BUS TYPE-S; 20AWG
2	C1	-	1	1R4741J10050A1K	KEMET	0.1UF	CAP; THROUGH HOLE-RADIAL LEAD; 0.1UF; 10%; 440VAC/1000VDC; POLYPROPYLENE
3	C2, R2B1, R291	-	3	MC06035AF0000T5E	MULTICOMP	0	RES;SMT (0603)0;1%; +/-400PPM/DEGC;0.1W;
		-		RC1608J000CS;CR0603-J/-000ELF;RC0603JR-			
4	C3	-	1	070RL	SAMSUNG ELECTRONICS;BOURNS;YAGEO PH	0	RESISTOR; 0603; 0 OHM; 5%; JUMPER; 0.10W; THICK FILM
5	C5	-	1	450QXW100MEFC13X635	RUBYCON	100UF	CAPACITOR; THROUGH HOLE-RADIAL LEAD; ALUMINUM-ELECTROLYTIC; 100UF; 450V; TOL=20%
6	C6, C21	-	2	C1608X7R1H474K080AC	TDK	0.47UF	CAPACITOR; SMT (0603); CERAMIC CHIP; 0.47UF; 50V; TOL=10%; TG=-55 DEGC TO +125 DEGC; TC=X7R; AUTO
7	C7	-	1	VJ0603Y104KXJCW18C;0603YC104KAT4A;8S5012206046	VISHAY DALE;AVX;WURTH ELECTRONICS INC	0.1UF	CAPACITOR; SMT (0603); CERAMIC CHIP; 0.1UF; 16V; TOL=10%; TG=-55 DEGC TO +125 DEGC; TC=X7R
8	C8, C18	-	2	UMK107B1J05KA-T; C1608X5R1H105K080AB; CL10A105KB8NNN; GRM188R6J1H105KAAL	TAIYO YUDEN;TDK;SAMSUNG;MURATA	1UF	CAPACITOR; SMT (0603); CERAMIC CHIP; 1UF; 50V; TOL=10%; MODEL=-_MK SERIES; TG=-55 DEGC TO +85
9	C9	-	1	GRM31CR71H475KA12	MURATA	4.7UF	CAPACITOR; SMT (1206); CERAMIC CHIP; 4.7UF; 50V; TOL=10%; MODEL=-; TG=-55 DEGC TO +125 DEGC; TC=X7R
10	C10	-	1	CGASFC4DG2J122J085AA	TDK	1200PF	CAP; SMT (1206); 1200PF; 5%; 630V; COG; CERAMIC CHIP
11	C11	-	1	06035C102KAT2A	AVX	1000PF	CAPACITOR; SMT (0603); CERAMIC CHIP; 1000PF; 50V; TOL=10%; TG=-55 DEGC TO +125 DEGC; TC=X7R
12	C14-C16, C113	-	1	10TCF150ML	PANASONIC	150UF	CAP; SMT (7343-31); 150UF; 20%; 10V; TANTALUM CHIP
13	C17	-	1	C0603C183K5RAC;MC0603B183K500C	KEMET;MULTICOMP	0.018UF	CAPACITOR; SMT; 0603; CERAMIC; 0.018UF; 50V; 10%; X7R; -55 DEGC TO +125 DEGC
14	C19	-	1	MC12FF500J-F	CORNELL DUBILIER	50PF	CAPACITOR; SMT (1210); NATURAL-MICA; 50PF; 1000V; TOL=5%; MODEL=-; TG=-55 DEGC TO +125 DEGC; TC=X7R
15	C20, C202, C203	-	3	ERP610W222MERU	KEMET	2200PF	CAP; THROUGH HOLE-RADIAL LEAD; 2200PF; 20%; 500V/760V; Y5U; POLYPROPYLENE
16	C114-C117	-	4	GRM33ZER61A476KE20	MURATA	47UF	CAPACITOR; SMT (1210); CERAMIC CHIP; 47UF; 10V; TOL=10%; TG=-55 DEGC TO +85 DEGC; TC=X5R
17	C161, C171	-	2	C2012X7R1H1225K	TDK	2.2UF	CAPACITOR; SMT (0805); CERAMIC CHIP; 2.2UF; 50V; TOL=10%; MODEL=-; TG=-55 DEGC TO +125 DEGC; TC=X7R
18	D1	-	1	DF150B8	DIODES INCORPORATED	DF150B8	DIODE; RECT; SMT; PIV=800V; IF=1.5A
19	D2, D4	-	2	1N4148W-7-F	DIODES INCORPORATED	1N4148W-7-F	DIODE; SMT; SMT (50D-123); PIV=100V; IF=0.3A; -65 DEGC TO +150 DEGC
20	D3	-	1	51KL	TAIWAN SEMICONDUCTOR	51KL	DIODE; RECT; SUB SMA; PIV=800V; IF=1A
21	D5	-	1	MCMR12X000 PTL	MULTICOMP	0	RES;SMT (1206)0;1%; -200PPM/DEGC/+400PPM/DEGC;0.25W;
22	L1	-	1	RN142-1.4-02-27M	SCHAFFNER	RN142-1.4-02-27M	INDUCTOR; SMT; RN142-1.4-02-27; +50%/ -30%; 1.4A
23	N1	-	1	IPD0R82K4P7ATMA1	INFINEON	IPD0R82K4P7ATMA1	TRAN; NCH; TO-252-3; PD-(22W); I-(2.5A); V-(800V)
24	N2	-	1	BS2D40N04LSG	INFINEON	BS2D40N04LSG	TRAN; OPTIMOS TM 3 POWER-TRANSISTOR; NCH; PG-TSDSON8; PD-(69W); I-(40A); V-(40V)
25	R1	-	1	B5715350100M000	ELCOS		THERMISTOR; THROUGH HOLE-RADIAL LEAD; THICK FILM (EPOXY ENCAPSULATED; METAL); 10 OHM; TOL=+/-20%; 2.0A
26	R2-R4	-	3	WR12W2804FTL	WALPIN TECHNOLOGY CORPORATION	2.8M	RES; SMT (1206); 2.8M; 1%; +/-100PPM/DEGC; 0.25W
27	R5, R13	-	2	PCF0603R822KE	TE CONNECTIVITY	22K	RESISTOR; 0603; 22K OHM; 0.1%; 25PPM; 0.063W; THIN FILM
28	R6	-	1	PCF0603R-24K9B	TT ELECTRONICS	24.9K	RESISTOR; 0603; 24.9K OHM; 0.1%; 25PPM; 0.063W; THIN FILM
29	R9	-	1	ERJ-3EKF8062	PANASONIC	80.6K	RES; SMT (0603); 80.6K; 1%; +/-100PPM/DEGC; 0.1W
30	R14-R16	-	3	ERJ-8ENF6193	PANASONIC	619K	RES; SMT (1206); 619K; 1%; +/-100PPM/DEGC; 0.25W
31	R18	-	1	MCHVR12FTET1203	MULTICOMP	120K	RES; SMT (2512); 120K; 1%; +/-100PPM/DEGC; 1W
32	R19	-	1	CRCW0603100RFK; MCR03ZPFX10R0	VISHAY DALE;ROHM	10	RESISTOR; 0603; 10 OHM; 1%; 100PPM; 0.10W; THICK FILM
33	R20	-	1	CRCW0603100RFK; ERJ-3EKF1000; RC0603FR-			
34	R21	-	1	0710RL	VISHAY DALE;PANASONIC	100	RESISTOR; 0603; 100 OHM; 1%; 100PPM; 0.10W; THICK FILM
35	R22	-	1	RLP73K2BR43F	TE CONNECTIVITY	0.43	RES; SMT (1206); 0.43; 1%; +/-200PPM/DEGC; 0.5W
36	R26	-	1	RC0603FR-0740RL	YAGEO PHYCOMP	470	RESISTOR; 0603; 470 OHM; 1%; 100PPM; 0.1W; THICK FILM
37	R27	-	1	CRCW0603931RFK	VISHAY DALE	931	RESISTOR; 0603; 931 OHM; 1%; 100PPM; 0.1W; THICK FILM
38	R28	-	1	CRCW0603140RFK	VISHAY DALE	140	RES; SMT (0603); 140; 1%; +/-100PPM/DEGC; 0.1W
39	R29	-	1	CRCW0603294RFK	VISHAY DALE	294	RESISTOR; 0603; 294 OHM; 1%; 100PPM; 0.10W; THICK FILM
40	R30	-	1	CRCW0603953RFK	VISHAY DALE	95.3	RESISTOR; 0603; 95.3 OHM; 1%; 100PPM; 0.10W; THICK FILM
41	R100	-	1	3522910RF	TE CONNECTIVITY	910	RES; SMT (2512); 910; 1%; 3W
42	R181	-	1	RR0816P-4992-B-TS-68C;PCF0603R-49K9B	SUSUMI CO LTD.;TT ELECTRONICS	49.9K	RESISTOR; 0603; 49.9K OHM; 0.1%; 25PPM; 0.063W; METAL FILM
43	R191	-	1	1R7K3H1J3601F	VISHAY DALE	3.6K	RESISTOR; 0603; 3.6K; 1%; 100PPM; 0.10W; THICK FILM
44	R201	-	1	CRCW06034R70FN	VISHAY DALE	4.7	RESISTOR; 0603; 4.7 OHM; 1%; 100PPM; 0.10W; THICK FILM
45	U1	-	1	ERJ-3EKF7502V	PANASONIC	75K	RESISTOR; 0603; 75K OHM; 1%; 100PPM; 0.10W; THICK FILM
46	U2	-	1	MAX17595ATE+	MAXIM	MAX17595ATE+	IC; PWM; PEAK-CURRENT-MODE CONTROLLERS FOR FLYBACK AND REGULATORS; TQFN16-EP 3X3
47	U3	-	1	4N35-300E	AVAGO TECHNOLOGIES	4N35-300E	IC; OPTO; PHOTOTRANSISTOR OPTOCOUPLER GENERAL PURPOSE TYPE; SMT 300MIL
48	U4	-	1	TLV4318FTA	DIODES INCORPORATED	TLV4318FTA	IC; VREF; COST EFFECTIVE SHUNT REGULATOR; SO723
49	PCB	-	1	MAX1760GA2T+	MAXIM	MAX1760GA2T+	IC; CONV; SECONDARY-SIDE SYNCHRONOUS MOSFET DRIVER FOR FLYBACK CONVERTER; TSOT23-6
50	PCB	-	1	MAX17595_MAXREFDES1191_APPS_P1	MAXIM	PCB	PCB;MAX17595_MAXREFDES1191_APPS_P1
51	C4	DNP	0	N/A	750317633	WURTH ELECTRONICS INC	EVKIT PART - TRANSFORMER; SMT-12
52	C12	DNP	0	N/A	N/A	N/A	PACKAGE OUTLINE 0603 NON-POLAR CAPACITOR
53	C201	DNP	0	N/A	N/A	N/A	CAPACITOR; SMT (0603); OPEN; FORMFACTOR
54	R7, R8, R17, R202	DNP	0	N/A	N/A	N/A	PACKAGE OUTLINE 1206 NON-POLAR CAPACITOR
55	R10, R11, R23-R25, R31	DNP	0	N/A	N/A	N/A	PACKAGE OUTLINE 1206 RESISTOR
56	R12, R171	DNP	0	N/A	N/A	N/A	RESISTOR; 0603; OPEN; FORMFACTOR
							PACKAGE OUTLINE 0603 RESISTOR
TOTAL				76			