

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, 1 EARTH, EN_UVLO,	-	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	B32912A5683M	TDK	0.068UF	CAP; THROUGH HOLE-RADIAL LEAD; 0.068UF; 20%; 530V; POLYPROPYLENE
	3	C2, R281, R291	-	3	MC060305AFA0000T5E	MULTICOMP		RES;SMT (0603)0;1%+/-400PPM/DEGC,0.1W;
	4	C5	-	1	EEU-EE2W4705	PANASONIC	47UF	CAP; THROUGH HOLE-RADIAL LEAD; 47UF; 20%; 450V; ALUMINUM-ELECTROLYTIC
	5	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
	6	C7	-	1	VI0603Y10XJJCW1B3C;0603YC104KAT4A;88 5012206046	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
	7	C8	-	1	UMK107B1105KA-T; C1608X5R1H105K080AB; CL10A105KB8NNN; GRM188R61H105KAAL	TAIYO YUDEN;TDK;SAMSUNG;MURATA	1UF	CAPACITOR; SMT (0603); CERAMIC CHIP; 1UF; 50V; TOL=10%; MODEL=; MK SERIES; TG=-55 DEGC TO +85 DEGC
	8	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
	9	C10	-	1	GRM31ASC2H471JW01;MC1206N471J501C	MURATA;MULTICOMP	470PF	CAPACITOR; SMT (1206); CERAMIC CHIP; 470PF; 500V; TOL=5%; TG=-55 DEGC TO +125 DEGC; TC=COG
	10	C11	-	1	0603C5102KAT2A	AVX	1000PF	CAPACITOR; SMT (0603); CERAMIC CHIP; 1000PF; 50V; TOL=10%; TG=-55 DEGC TO +125 DEGC; TC=X7R
	11	C17	-	1	06031C562JAT2A	AVX	5600PF	CAP; SMT (0603); 5600PF; 5%; 100V; X7R; CERAMIC CHIP
	12	C18	-	1	C0603C684KAPAC	KEMET	0.68UF	CAP; SMT (0603); 0.68UF; 10%; 16V; XSR; CERAMIC CHIP
	13	C20, C202, C203	-	3	ERP610W222MERU	KEMET	2200PF	CAP; THROUGH HOLE-RADIAL LEAD; 2200PF; 20%; 500V/760V; Y5U; POLYPROPYLENE
	14	C115	-	1	107CF150ML	PANASONIC	150UF	CAP; SMT (7343-31); 150UF; 20%; 10V; TANTALUM CHIP
	15	C116, C117	-	2	GRM32ER61A476KE20	MURATA	47UF	CAPACITOR; SMT (1210); CERAMIC CHIP; 47UF; 10V; TOL=10%; TG=-55 DEGC TO +85 DEGC; TC=X5R
	16	C161, C171	-	2	C2012X7R1H225K	TDK	2.2UF	CAPACITOR; SMT (0805); CERAMIC CHIP; 2.2UF; 50V; TOL=10%; MODEL=; TG=-55 DEGC TO +125 DEGC; TC=X7R
	17	D1	-	1	DF1508S	DIODES INCORPORATED	DF1508S	DIODE; RECT; SMT; PIV=800V; IF=1.5A
	18	D2, D4	-	2	1N4148W-7-F	DIODES INCORPORATED	1N4148W-7-F	DIODE; SWT; SMT (SOD-123); PIV=100V; IF=0.3A; -65 DEGC TO +150 DEGC
	19	D3	-	1	51KL	TAIWAN SEMICONDUCTOR	51KL	DIODE; RECT; SUB SMA; PIV=800V; IF=1A
	20	D5	-	1	MCMR12X000 PTL	MULTICOMP	0	RES;SMT (1206)0;1%/-200PPM/DEGC/+400PPM/DEGC,0.25W;
	21	L1	-	1	RN142-1.4-02-27M	SCHAEFFNER	RN142-1.4-02-27M	INDUCTOR; SMT; RN142-1.4-02-27; +50%/ -30%; 1.4A
	22	N1	-	1	IPD80R2K4P7ATMA1	INFINEON	IPD80R2K4P7ATMA1	TRAN; NCH; TO-252-3; PD-(2.2W); I-(2.5A); V-(800V)
	23	N2	-	1	SIR836DP-T1-GE3	VISHAY SILICONIX	SIR836DP-T1-GE3	TRAN; N-CHANNEL 40 V (D-5) MOSFET; NCH; SO-8; PD-(15.6W); I-(21A); V-(40V)
	24	R1	-	1	B57153S0100M000	EPCOS		THERMISTOR; THROUGH HOLE-RADIAL LEAD; THICK FILM (EPOXY ENCAPSULATED METAL); 10 OHM; TOL=+/-20%; 2.0A
	25	R2-R4	-	3	WR12W2804FTL	WALSIN TECHNOLOGY CORPORATION	2.8M	RES; SMT (1206); 2.8M; 1%; +/-100PPM/DEGC; 0.25W
	26	R5, R13	-	2	CPF0603B22XE	TE CONNECTIVITY	22K	RESISTOR; 0603; 22K OHM; 0.1%; 25PPM; 0.063W; THIN FILM
	27	R6	-	1	PCF0603R-24K9B	TT ELECTRONICS	24.9K	RESISTOR; 0603; 24.9K OHM; 0.1%; 25PPM; 0.063W; THIN FILM
	28	R9	-	1	ERJ-3EKFR062	PANASONIC	80.6K	RES; SMT (0603); 80.6K; 1%; +/-100PPM/DEGC; 0.1W
	29	R14-R16	-	3	ERJ-8ENF6193	PANASONIC	619K	RES; SMT (1206); 619K; 1%; +/-100PPM/DEGC; 0.25W
	30	R18	-	1	RCV1206330KF	VISHAY DALE	330K	RES; SMT (1206); 330K; 1%; +/-100PPM/DEGC; 0.25W
	31	R19	-	1	CRCW060310R0FK; MCR03EZPFX10R0 CRCW0603100RFFK; ERJ-3EKF1000; RC0603FR	VISHAY DALE;ROHM	10	RESISTOR; 0603; 10 OHM; 1%; 100PPM; 0.10W; THICK FILM
	32	R20	-	1	07100RL	VISHAY DALE;PANASONIC	100	RESISTOR; 0603; 100 OHM; 1%; 100PPM; 0.10W; THICK FILM
	33	R21	-	1	ERJ-8RQFLR6	PANASONIC	1.6	RES; SMT (1206); 1.6; 1%; +/-200PPM/DEGC; 0.25W
	34	R22	-	1	CRCW0603470RFF; ERJ-3EKF4700	VISHAY DALE;PANASONIC	470	RESISTOR; 0603; 470 OHM; 1%; 100PPM; 0.10W; THICK FILM
	35	R26	-	1	CRCW0603931RFF	VISHAY DALE	931	RESISTOR; 0603; 931 OHM; 1%; 100PPM; 0.1W; THICK FILM
	36	R27	-	1	ERA-3AE84870	PANASONIC	487	RESISTOR; 0603; 487 OHM; 0.1%; 25PPM; 0.1W; METAL FILM
	37	R28	-	1	WR06X5490FTL	WALSIN TECHNOLOGY CORPORATION	549	RES; SMT (0603); 549; 1%; +/-100PPM/DEGC; 0.1W
	38	R29	-	1	ERJ-3EKFLR20	PANASONIC	182	RESISTOR; 0603; 182 OHM; 1%; 100PPM; 0.10W; THICK FILM
	39	R32	-	1	CRCW06034R70FN	VISHAY DALE	4.7	RESISTOR; 0603; 4.7 OHM; 1%; 100PPM; 0.10W; THICK FILM
	40	R100	-	1	RR0816P-4992-B-T5-68C;PCF0603R-49K9B	SUSUMU CO LTD.,TT ELECTRONICS	49.9K	RESISTOR; 0603; 49.9K OHM; 0.1%; 25PPM; 0.063W; METAL FILM
	41	R181	-	1	RK73H1J3601F	VISHAY DALE	3.6K	RESISTOR; 0603; 3.6K; 1%; 100PPM; 0.10W; THICK FILM
	42	R201	-	1	ERJ-3EKFL7502V	PANASONIC	75K	RESISTOR; 0603; 75K OHM; 1%; 100PPM; 0.10W; THICK FILM
	43	U1	-	1	MAX17595ATE+	MAXIM	MAX17595ATE+	IC; PWM; PEAK-CURRENT-MODE CONTROLLERS FOR FLYBACK AND REGULATORS; TQFN16-EP 3X3
	44	U2	-	1	4N35-300E	AVAGO TECHNOLOGIES	4N35-300E	IC; OPTO; PHOTOTRANSISTOR OPTOCOUPLER GENERAL PURPOSE TYPE; SMT 300MIL
	45	U3	-	1	TLV431BFTA	DIODES INCORPORATED	TLV431BFTA	IC; VREF; COST EFFECTIVE SHUNT REGULATOR; SOT23
	46	U4	-	1	MAX17606AZT+	MAXIM	MAX17606AZT+	IC; CONV; SECONDARY-SIDE SYNCHRONOUS MOSFET DRIVER FOR FLYBACK CONVERTER; TSOT23-6
	47	PCB	-	1	MAX17595_MAXREFDES1183_APPS_P1	MAXIM	PCB	PCB-MAX17595_MAXREFDES1183_APPS_P1
	48	T1	DNP	0		750317613	750317613	EVKIT PART - TRANSFORMER; 750317613; 9L SMT
	49	C3, R10-R12, R23- 50 CA, C12	DNP	0	N/A	N/A	OPEN	RESISTOR; 0603; OPEN; FORMFACTOR
	51	C19	DNP	0	N/A	N/A	OPEN	CAPACITOR; SMT (0603); OPEN; FORMFACTOR
	52	C201	DNP	0	N/A	N/A	OPEN	CAPACITOR; SMT (1206); OPEN; IPC MAXIMUM LAND PATTERN
	53	R7, R8, R17, R30,	DNP	0	N/A	N/A	OPEN	PACKAGE OUTLINE 1206 NON-POLAR CAPACITOR
	54	R7, R8, R17, R30,	DNP	0	N/A	N/A	OPEN	PACKAGE OUTLINE 1206 RESISTOR
TOTAL				68				