

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, UVLO, GND0, OVI, SGND, VOUT	-		9 9020 BUSS	WEICO WIRE	MAXIMPAD	EVK KIT PARTS; MAXIM PAD; WIRE; NATURAL; SOLID; WEICO WIRE; SOFT DRAWN BUS TYPE-5; 20AWG
	2 C1	-		1 R474I310050A1K	KEMET	0.1UF	CAP; THROUGH HOLE-RADIAL LEAD; 0.1UF; 10%; 440VAC/1000VDC; POLYPROPYLENE
	3 C2, R281, R291	-		3 MC0603SAF000T5E	MULTICOMP		0 RES;SMT (0603);0.1%;+/400PPM/DEGC;0.1W;
	4 C3	-		1 C0603C682K5RAC; CL10B682K885FN	KEMET;SAMSUNG	6800PF	CAPACITOR; SMT; 0603; CERAMIC; 6800pF; 50V; 10%; X7R; -55degC to +125degC; +/-15% from -55degC to +125degC
	5 C4	-		1 C0603CG500-820JNE; GRM1885C1H820JA01	VENKEL LTD.;MURATA	82PF	CAPACITOR; SMT (0603); CERAMIC CHIP; 82PF; 50V; TOL=5%; MODEL=; TG=-55 DEGC TO +125 DEGC; TC=C0G
	6 C5	-		1 450QXW100MEFC16X35	RUBYCON	100UF	CAPACITOR; THROUGH HOLE-RADIAL LEAD; ALUMINUM-ELECTROLYTIC; 100UF; 450V; TOL=20%
	7 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
	8 C7	-		VJ0603Y104KJCW1B;C;0603YC104KAT4A;8850122 1 06046	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
	9 C8	-		UMK107B1J05KA-T; C1608X5R1H105K080AB; 1 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
	10 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
	11 C10	-		1 CGA5F4C0G2J122J085AA	TDK	1200PF	CAP; SMT (1206); 1200PF; 5%; 630V; COG; CERAMIC CHIP
	12 C11	-		1 0603SC102KAT2A	AVX	1000PF	CAPACITOR; SMT (0603); CERAMIC CHIP; 1000PF; 50V; TOL=10%; TG=-55 DEGC TO +125 DEGC; TC=X7R
	13 C15, C16, C113	-		3 6TPF470MAH	PANASONIC	470UF	CAP; SMT (7343-43); 470UF; 20%; 6.3V; TANTALUM CHIP
	14 C17	-		1 C1608X5R1A685K080AC	TDK	6.8UF	CAP; SMT (0603); 6.8UF; 10%; 10V; X5R; CERAMIC CHIP
	15 C19	-		1 MC12FF500J-F	CORNELL DUBILIER	50PF	CAPACITOR; SMT (1210); NATURAL-MICA; 50PF; 1000V; TOL=5%; MODEL=; TG=-55 DEGC TO +125 DEGC; TC=+/-
	16 C20, C202, C203	-		3 ERP610W222MERU	KEMET	2200PF	CAP; THROUGH HOLE-RADIAL LEAD; 2200PF; 20%; 500V/760V; Y5U; POLYPROPYLENE
	17 C114-C117	-		4 GRM32ER60J227ME05	MURATA	220UF	CAP; SMT (1210); 220UF; 20%; 6.3V; X5R; CERAMIC CHIP
	18 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
	19 D1	-		1 DF15085	DIODES INCORPORATED	DF15085	DIODE; RECT; SMT; PIV=800V; IF=1.5A
	20 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
	21 D3	-		1 51KL	TAIWAN SEMICONDUCTOR	51KL	DIODE; RECT; SUB STRA; PIV=800V; IF=1.5A
	22 D5	-		1 MCMR12X000 PTL	MULTICOMP		0 RES;SMT (1206);0.1%;-200PPM/DEGC/+400PPM/DEGC;0.25W;
	23 L1	-		1 RN142-1.4-02-27M	SCHAFFNER	RN142-1.4-02-27M	INDUCTOR; SMT; RN142-1.4-02-27; +50%/30%; 1.4A
	24 N1	-		1 IPD80R2K4P7ATMA1	INFINEON	IPD80R2K4P7ATMA1	TRAN; NCH; TO-252-3; PD-(22W); I-(2.5A); V-(800V)
	25 N2	-		1 BSZ040N04LSG	INFINEON	BSZ040N04LSG	TRAN; OPTIMOS TM 3 POWER-TRANSISTOR; NCH; PG-TSDSON; PD-(69W); I-(40A); V-(40V)
	26 R1	-		1 B57153S0100M000	EPCOS		12 THERMISTOR; THROUGH HOLE-RADIAL LEAD; THICK FILM (EPOXY ENCAPSULATED METAL); 10 OHM; TOL=+/-20%; 2.0A
	27 R2-R4	-		3 WR12W2804FTL	WALCIN TECHNOLOGY CORPORATION	2.8M	RES; SMT (1206); 2.8M; 1%; +/-100PPM/DEGC; 0.25W
	28 R5, R13	-		2 CPF0603B22KE	TE CONNECTIVITY	22K	RESISTOR; 0603; 22K OHM; 0.1%; 25PPM; 0.063W; THIN FILM
	29 R6	-		1 PCF0603R-24K9B	TT ELECTRONICS	24.9K	RESISTOR; 0603; 24.9K OHM; 0.1%; 25PPM; 0.063W; THIN FILM
	30 R9	-		1 ERJ-3EKF8062	PANASONIC	80.6K	RES; SMT (0603); 80.6K; 1%; +/-100PPM/DEGC; 0.1W
	31 R12	-		1 RC0603FR-07100KL; RC0603FR-13100KL	YAGEO;YAGEO	100K	RESISTOR; 0603; 100K OHM; 1%; 100PPM; 0.1W; THICK FILM
	32 R14-R16	-		3 ERJ-8ENF6193	PANASONIC	619K	RES; SMT (1206); 619K; 1%; +/-100PPM/DEGC; 0.25W
	33 R18	-		1 MCHVR12FTFT1203	MULTICOMP	120K	RES; SMT (2512); 120K; 1%; +/-100PPM/DEGC; 1W;
	34 R19	-		1 CRCW060310R0FK; MCR03EZPFX10R0	VISHAY DALE;ROHM	10	RESISTOR; 0603; 10 OHM; 1%; 100PPM; 0.10W; THICK FILM
	35 R20	-		1 CRCW0603100RFF; ERJ-3EKF1000; RC06033FR-07100RL	VISHAY DALE;PANASONIC	100	RESISTOR; 0603; 100 OHM; 1%; 100PPM; 0.10W; THICK FILM
	36 R21	-		1 RLP73K2BR43F	TE CONNECTIVITY	0.43	RES; SMT (1206); 0.43; 1%; +/-200PPM/DEGC; 0.5W
	37 R22	-		1 RC0603FR-07470RL	YAGEO PHYCOMP	470	RESISTOR; 0603; 470 OHM; 1%; 100PPM; 0.1W; THICK FILM
	38 R26	-		1 CRCW0603240RFX	VISHAY DALE	240	RESISTOR; 0603; 240 OHM; 1%; 100PPM; 0.10W; THICK FILM
	39 R28	-		1 CRCW060393R1FK	VISHAY DALE	93.1	RESISTOR; 0603; 93.1 OHM; 1%; 100PPM; 0.10W; THICK FILM
	40 R29	-		1 CRCW060356R0FK	VISHAY DALE	56	RESISTOR; 0603; 56 OHM; 1%; 100PPM; 0.10W; THICK FILM
	41 R30	-		1 3522910RF	TE CONNECTIVITY	910	RES; SMT (2512); 910; 1%; 3W
	42 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
	43 R171	-		1 CRCW06034R70FN	VISHAY DALE	4.7	RESISTOR; 0603; 4.7 OHM; 1%; 100PPM; 0.10W; THICK FILM
	44 R181	-		1 RK73H1J3601F	VISHAY DALE	3.6K	RESISTOR; 0603; 3.6K; 1%; 100PPM; 0.10W; THICK FILM
	45 R201	-		1 ERJ-3EKF7502V	PANASONIC	75K	RESISTOR; 0603; 75K OHM; 1%; 100PPM; 0.10W; THICK FILM
	46 U1	-		1 MAX17595ATE+	MAXIM	MAX17595ATE+	IC; PWRM; PEAK-CURRENT-MODE CONTROLLERS FOR FLYBACK AND REGULATORS; TQFN16-EP 3X3
	47 U2	-		1 4N35-300E	AVAGO TECHNOLOGIES	4N35-300E	IC; OPTO; PHOTOTRANSISTOR OPTOCOUPLER GENERAL PURPOSE TYPE; SMT 300MIL
	48 U3	-		1 TLV431BFTA	DIODES INCORPORATED	TLV431BFTA	IC; VREF; COST EFFECTIVE SHUNT REGULATOR; SOT23
	49 U4	-		1 MAX17606AZT+	MAXIM	MAX17606AZT+	IC; CONV; SECONDARY-SIDE SYNCHRONOUS MOSFET DRIVER FOR FLYBACK CONVERTER; TSOT23-6
	50 PCB	-		1 MAX17595_MAXREFDES1190_APPS_P1	MAXIM	PCB	PCB;MAX17595_MAXREFDES1190_APPS_P1
	51 C18	DNI		1 C0603C68AK4PAC	KEMET	0.68UF	CAP; SMT (0603); 0.68UF; 10%; 16V; X5R; CERAMIC CHIP
	52 R27	DNI		1 ERJ-3EKF4120	PANASONIC		412 RES; SMT (0603); 412; 1%; +/-100PPM/DEGC; 0.1W
	53 T1	DNP		0	750317627	WURTH ELECTRONICS INC	750317627 EVKIT PART - TRANSFORMER; SMT-12
	54 C12	DNP		0 N/A	N/A	OPEN	CAPACITOR; SMT (0603); OPEN; FORMFACTOR
	55 C201	DNP		0 N/A	N/A	OPEN	PACKAGE OUTLINE 1206 NON-POLAR CAPACITOR
	56 R7, R8, R17, R202	DNP		0 N/A	N/A	OPEN	PACKAGE OUTLINE 1206 RESISTOR
	57 R10, R11, R23-R25, R31, R191	DNP		0 N/A	N/A	OPEN	RESISTOR; 0603; OPEN; FORMFACTOR
	TOTAL			77			