

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

ITEM	REF	DES	DNI/DNP	QTY	MFG PART #	MANUFACTURER	VALUE	DESCRIPTION
	1	C1	-	1	EEE-FK1J101P	PANASONIC	100UF	CAPACITOR; SMT (CASE_G); ALUMINUM-ELECTROLYTIC; 100UF; 63V; TOL=20%; MODEL=FK SERIES; TG=-55 DEGC TO +105 DEGC
	2	C2	-	1	C1210C475K5RAC; GRM32ER71H475KA8BK; GRM32ER71H475KA8BL	KEMET;MURATA;MURATA	4.7UF	CAPACITOR; SMT (1210); CERAMIC CHIP; 4.7UF; 50V; TOL=10%; TG=-55 DEGC TO +125 DEGC; TC=X7R
	3	C3	-	1	C0805C224K5RAC; GRM21BR71H224KA; CGJ42X7R1H224K125AA; UMK212B7224KG; C2012X7R1	KEMET;MURATA;TDK;TAIYO YUDEN;TDK	0.22UF	CAPACITOR; SMT (0805); CERAMIC CHIP; 0.22UF; 50V; TOL=10%; MODEL=; TG=-55 DEGC TO +125 DEGC; TC=X7R
	4	C4	-	1	C0805X822KBRAC	KEMET	8200PF	CAP; SMT (0805); 8200PF; 10%; 630V; X7R; CERAMIC CHIP
	5	C5, C14	-	2	GRM188R72A104KA35; CC0603RX7R0BB104	MURATA;TDK	0.1UF	CAPACITOR; SMT (0603); CERAMIC CHIP; 0.1UF; 100V; TOL=10%; TG=-55 DEGC TO +125 DEGC; TC=X7R
	6	C6	-	1	GRM155R71H102JA01D	MURATA	1000PF	CAPACITOR; SMT (0402); CERAMIC CHIP; 1000PF; 50V; TOL=5%; MODEL=GRM SERIES; TG=-55 DEGC TO +125 DEGC; TC=X7R
	7	C7	-	1	GRM188R71E105KA12D; CGA3E1X7R1E105K; TMK107B7105KA; O6033C105KAT2A	MURATA;TDK;TAIYO YUDEN;AVX	1UF	CAPACITOR; SMT (0603); CERAMIC CHIP; 1UF; 25V; TOL=10%; TG=-55 DEGC TO +125 DEGC; TC=X7R
	8	C8	-	1	500-103KNE	KEMET;MURATA;VENKEL LTD.	0.01UF	CAPACITOR; SMT; 0603; CERAMIC; 0.01uF; 50V; 10%; X7R; -55degC to + 125degC
	9	C11, C99, C101	-	5	LMK316BJ476ML	TAIYO YUDEN	47UF	CAP;SMT (1206);47UF;20%;10V;X5R;CERAMIC CHIP
	10	C15	-	1	C0603X333K5RACTU	KEMET	0.033UF	CAPACITOR; SMT (0603); CERAMIC CHIP; 0.033UF; 50V; TOL=10%; MODEL=; TG=-55 DEGC TO +125 DEGC; TC=X7R
	11	C16	-	1	C06035331K5RACTU	KEMET	330PF	CAPACITOR; SMT (0603); CERAMIC CHIP; 330PF; 100V; TOL=10%; MODEL=; TG=-55 DEGC TO +125 DEGC; TC=COG
	12	C19	-	1	GRM2165C2A391JA01	MURATA	390PF	CAPACITOR; SMT (0805); CERAMIC CHIP; 390PF; 100V; TOL=5%; MODEL=; TG=-55 DEGC TO +125 DEGC; TC=COG
	13	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
	14	D1	-	1	SMD110PL	MICRO COMMERCIAL COMPONENTS	SMD110PL	DIODE; SCH; SMT (SOD-123LF); PIV=100V; IF=1A
	15	D3, D21	-	2	1N4148W-7-F	DIODES INCORPORATED	1N4148W-7-F	DIODE; SWT; SMT (SOD-123); PIV=100V; IF=0.3A; -65 DEGC TO +150 DEGC
	16	GND0, PGND, VIN, VOUT	-	4	9020 BUSS	WEICO WIRE	MAXIMPAD	EVK KIT PARTS; MAXIM PAD; WIRE; NATURAL; SOLID; WEICO WIRE; SOFT DRAWN BUS TYPE-S; 20AWG
	17	Q1	-	1	1RLR31102TRPBF	INTERNATIONAL RECTIFIER	1RLR31102TRPBF	TRAN; HEXFET POWER MOSFET; NCH; DPAK; PD-(140W); I-(63A); V-(100V)
	18	Q2	-	1	SIR836DP-T1-GE3	VISHAY SILICONIX	SIR836DP-T1-GE3	TRAN; N-CHANNEL 40 V (D-S) MOSFET; NCH; SO-8; PD-(15.6W); I-(21A); V-(40V)
	19	R1	-	1	ERJ-P06F1332	PANASONIC	13.3K	RES; SMT (0805); 13.3K; 1%; +/-100PPM/DEGC; 0.5W
	20	R3	-	1	CRCW060322K0FK	VISHAY DALE	22K	RESISTOR; 0603; 22K OHM; 1%; 100PPM; 0.10W; THICK FILM
	21	R4	-	1	CRCW060349K9FK; ERJ-3EK4992V	VISHAY DALE;PANASONIC	49.9K	RESISTOR; 0603; 49.9K OHM; 1%; 100PPM; 0.10W; THICK FILM
	22	R5	-	1	CRCW060328K0FK	VISHAY DALE	280K	RESISTOR; 0603; 280K OHM; 1%; 100PPM; 0.10W; THICK FILM
	23	R6	-	1	ERJ-3EK11182	PANASONIC	11.8K	RESISTOR; 0603; 11.8K OHM; 1%; 100PPM; 0.1W; THICK FILM
	24	R7, R15, R17	-	3	ERJ-3RBD1002V	PANASONIC	10K	RESISTOR; 0603; 10K OHM; 0.5%; 50PPM; 0.063W; THICK FILM
	25	R8	-	1	CRCW0603100RFK; ERJ-3EK1000; RC0603FR-07100RL	VISHAY DALE;PANASONIC	100	RESISTOR; 0603; 100 OHM; 1%; 100PPM; 0.10W; THICK FILM
	26	R9, R23	-	2	3GEYOR00	VISHAY DALE;ROHM;PANASONIC		RESISTOR; 0603; 0 OHM; 0%; JUMPER; 0.10W; THICK FILM
	27	R10	-	1	CRCW060366K5FK; ERJ-3EKF6652V	VISHAY DALE;PANASONIC	66.5K	RESISTOR; 0603; 66.5K OHM; 1%; 100PPM; 0.1W; THICK FILM
	28	R11	-	1	RCWE1206R330FK	VISHAY DALE	0.33	RES; SMT (1206); 0.33; 1%; +/-100PPM/DEGC; 0.5W
	29	R12, R18	-	2	ANY	ANY	OPEN	PACKAGE OUTLINE 0603 RESISTOR
	30	R13	-	1	CRCW0603475RFK	VISHAY DALE	475	RESISTOR; 0603; 475 OHM; 1%; 100PPM; 0.10W; THICK FILM
	31	R14	-	1	CRCW0603931RFA	VISHAY DALE	931	RESISTOR; 0603; 931 OHM; 1%; 100PPM; 0.1W; THICK FILM
	32	R16	-	1	CRCW06036K80FK	VISHAY DALE	6.8K	RESISTOR; 0603; 6.8K OHM; 0.1%; 25PPM; 0.1W; THIN FILM
	33	R21	-	1	ERJ-14Y1470U	PANASONIC	47	RESISTOR; 1210; 47 OHM; 5%; 200PPM; 0.5W; THICK FILM
	34	R181	-	1	RK73H1J3601F	VISHAY DALE;BOURNS	3.6K	RESISTOR; 0603; 3.6K; 1%; 100PPM; 0.10W; THICK FILM
	35	R191	-	1	RCQ0402FR-0722RL	YAGEO PHYCOMP	22	RESISTOR; 0402; 22 OHM; 1%; 100PPM; 0.063W; THICK FILM
	36	R201	-	1	ERJ-3EK1473V	PANASONIC	147K	RESISTOR; 0603; 147K OHM; 1%; 100PPM; 0.10W; THICK FILM
	37	U1	-	1	MAX17596ATE+	MAXIM	MAX17596ATE+	IC; CTRL; LOW VOLTAGE DC-DC FLYBACK CONTROLLER; TQFN16-EP
	38	U2	-	1	TL431AQDBZRQ1	TEXAS INSTRUMENTS	TL431AQDBZRQ1	IC; VREG; ADJUSTABLE PRECISION SHUNT REGULATOR; SOT-23
	39	U3	-	1	ACPL-217-50AE	AVAGO TECHNOLOGIES	ACPL-217-50AE	IC; OPTO; DC INPUT; HALF-PIVOT TRANSISTOR OPTOCOUPLER; NSOIC4
	40	U21	-	1	MAX17606AZT+	MAXIM	MAX17606AZT+	IC; CONV; SECONDARY-SIDE SYNCHRONOUS MOSFET DRIVER FOR FLYBACK CONVERTER; TSOT23-6
	41	PCB	-	1	MAX17596_MAXREFDES1132_APPS_P1	MAXIM	PCB	PCB;MAX17596_MAXREFDES1132_APPS_P1
	42	T1	DNP	0	7503708B4	WURTH ELECTRONIK	7503708B4	EVKIT PART -TRANSFORMER; 2.29:1; SMT-10
	43	C12, C13, C17, C21	DNP	0	N/A	N/A	OPEN	EVKIT USE ONLY;DUAL PACKAGE OUTLINE 0603 AND 0805 NON-POLAR CAPACITOR
	44	C24	DNP	0	N/A	N/A	OPEN	CAPACITOR; SMT (0603); OPEN; FORMFACTOR
	45	R2, R19, R20, R171	DNP	0	N/A	N/A	OPEN	RESISTOR; 0603; OPEN; FORMFACTOR
	46	R24	DNP	0	N/A	N/A	OPEN	RESISTOR; 1206; OPEN; FORMFACTOR
TOTAL				55				