

TITLE: Bill of Materials
 DATE: 05/13/2020
 DESIGN: max77597_evkit_a
 VARIANT:dni

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

ITEM	REF_DES	DNI/DNP	QTY
1	C1	-	1
2	C2	-	1
3	C3	-	1
4	C4-C6	-	3
5	C8	-	1
6	GND1, GND2, VIN, VOUT	-	4
7	J1, J2	-	2
8	L1	-	1
9	R1	-	1
10	R4	-	1
11	RESETB	-	1
12	U1	-	1
13	PCB	-	1
14	C7	DNP	0
15	R3	DNP	0
TOTAL			19

MFG PART #	MANUFACTURER	VALUE
GRM188R6YA475KE15D	Murata	4.7UF
GRM188R61A105KA61D	Murata	1UF
GRM155R61A104KA01D	Murata	0.1UF
GRM188R61A226ME15D	Murata	22UF
GRM1555C1H5R6BA01D	Murata	5.6PF
9020 BUSS	WEICO WIRE	MAXIMPAD
TSW-103-07-L-S	SAMTEC	TSW-103-07-L-S
DFE252012F-100M	TOKO	10UH
CRCW0402100KFK;RC0402FR-07100KL	VISHAY;YAGEO	100K
ANY	ANY	0
5000	KEYSTONE	N/A
MAX77597ETBB+	MAXIM	MAX77597ETBB+
MAX77597	MAXIM	PCB
TPSD226K035R0125	AVX	22UF
N/A	N/A	OPEN

DESCRIPTION	COMMENTS
CAPACITOR; SMT (0603); CERAMIC CHIP; 4.7UF; 16V; TOL=10%; MODEL=; TG=-55 DEGC TO +85 DEGC; TC=X5R ; FORMFACTOR	
CAPACITOR; SMT (0603); CERAMIC CHIP; 1UF; 25V; TOL=10%; MODEL=GRM SERIES; TG=-55 DEGC TO +125 DEGC; TC=X7R; FORMFACTOR	
CAPACITOR; SMT; 0402; CERAMIC; 0.1uF; 10V; 10%; X5R; -55degC to +125degC; 0 +/-30PPM/degC; FORMFACTOR ;	
CAPACITOR; SMT (0603); CERAMIC CHIP; 22UF; 10V; TOL=20%; MODEL=CL SERIES; TG=-55 DEGC TO +85 DEGC; TC=X5R; FORMFACTOR	
CAPACITOR; SMT; 0402; CERAMIC; 5.6pF; 50V; 0.25%; C0G; -55degC to +125degC; 0 +/-30PPM/degC	
EVK KIT PARTS; MAXIM PAD; WIRE; NATURAL; SOLID; WEICO WIRE; SOFT DRAWN BUS TYPE-S; 20AWG	
CONNECTOR; THROUGH HOLE; SINGLE ROW; STRAIGHT; 3PINS	
INDUCTOR; SMT (2520); METAL ALLOY CHIP; 10UH; TOL=+/-30%; 1.4A; FORMFACTOR	
RESISTOR; 0402; 100K; 1%; 100PPM; 0.0625W; THICK FILM	
RESISTOR; 0402; 0 OHM; 1%; 100PPM; 0.0625W; THICK FILM; FORMFACTOR	
TEST POINT; PIN DIA=0.1IN; TOTAL LENGTH=0.3IN; BOARD HOLE=0.04IN; RED; PHOSPHOR BRONZE WIRE SILVER PLATE FINISH;	
IC; CONV; 300MA; BUCK CONVERTER WITH 1.1 MICRO-AMPERE IQ; PACKAGE OUTLINE DRAWING: 21-100013; LAND PATTERN NUMBER: 90-100007; PACKAGE CODE: T102A2+1C; TDFN10-EP	
PCB:MAX77597	-
CAPACITOR; SMT; 7343; TANTALUM; 22uF; 35V ; 10%; TPS; -55degC to +125degC	
RESISTOR; 0402; OPEN; FORMFACTOR	