

TITLE: Bill of Materials
 DATE: 07/20/2019
 DESIGN: max16984a_evkit_a
 VARIANT:2p2mhz_cdp-sdp

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

ITEM	REF_DES	DNI/DNP	QTY	MFG PART #	MANUFACTURER	VALUE
1	C1	-	1	C1005X7R1H	TDK;MURATA	2200PF
2	C2	-	1	EEE-FK1H47C	PANASONIC	47UF
3	C3, C12, C16,	-	5	CGA2B3X7R1	TDK;TDK;MU	0.1UF
4	C5	-	1	CL31B106KB	SAMSUNG E	10UF
5	C7	-	1	GRM32ER71	MURATA;SATA	22UF
6	C8, C17	-	2	GRM188Z71	MURATA	2.2UF
7	C15	-	1	C0603C105K	KEMET;MUR	1UF
8	D1	-	1	B360B-13-F	DIODES INCC	B360B-13-F
9	D2	-	1	B0530WS-7-	DIODES INCC	B0530WS-7-
10	FB1	-	1	BLM31KN60	MURATA	600
11	GND_1, GND	-	5	5020	KEYSTONE	MAXIMPAD
12	HOST_VBUS	-	1	5003	KEYSTONE	N/A
13	J1	-	1	TSW-112-07	SAMTEC	TSW-112-07
14	J2	-	1	1734028-1	TE CONNECT	1734028-1
15	J3	-	1	AU-Y1006-R	ASSMANN	AU-Y1006-R
16	L5	-	1	XEL4030-152	COILCRAFT	1.5UH
17	R1	-	1	KRL1220E-M	SUSUMU CO	0.033
18	L1, L2, L4, L6	-	6	CRCW04020	VISHAY DRAI	0
19	R3	-	1	CRCW04023	VISHAY DALE	3.92K
20	R4	-	1	ERJ-2RKF154	PANASONIC	15.4K
21	R8	-	1	CRCW04021	VISHAY DALE	10K
22	R9-R14	-	6	CRCW04021	VISHAY DALE	100K
23	SW1	-	1	TDA04H0SB1	C&K COMPO	TDA04H0SB1
24	U1	-	1	MAX16984A	MAXIM	MAX16984A
25	U2	-	1	MAX15006A	MAXIM	MAX15006A
26	VBAT_S	-	1	5004	KEYSTONE	N/A
27	PCB	-	1	MAX16984A	MAXIM	PCB
28	C4	DNP	0	CGA2B3X7R1	TDK;TDK;MU	0.1UF
29	C6	DNP	0	EEE-FP1E68C	PANASONIC	68UF
30	C9	DNP	0	GRM31CR71	MURATA;TATA	2.2UF
31	C10, C11	DNP	0	CL05C020CBI	SAMSUNG E	2PF
32	C13, C14	DNP	0	GRM1555C1	MURATA	6PF
33	L3	DNP	0	XEL6060-822	COILCRAFT	8.2UH
34	LX_FLT	DNP	0	5002	KEYSTONE	N/A
35	R15, R16	DNP	0	N/A	N/A	OPEN
36	R17	DNP	0	CRCW04021	VISHAY DALE	10K
TOTAL			46			

DESCRIPTION COMMENTS

CAPACITOR;

CAPACITOR;

CAPACITOR;

CAP; SMT (1;

CAPACITOR;

CAPACITOR;

CAPACITOR;

DIODE; SCH;

DIODE; SCH;

INDUCTOR; S

EVKIT PART -

TEST POINT;

CONNECTOR

CONNECTOR

CONNECTOR

INDUCTOR; S

RES; SMT (0;

RESISTOR; 0402; 0 OHM; 0%; JUMPER; 0.2W; THICK FILM

RESISTOR; 0;

RESISTOR; 0;

RESISTOR; 0;

RESISTOR; 0;

SWITCH; SPS

EVKIT PART -

IC; VREG; UL

TEST POINT;

PCB:MAX169 -

CAPACITOR; SMT (0402); CERAMIC CHIP; 0.1UF; 50V; TOL=10%; TG=-55 DEGC TO +125 DEGC

CAP; SMT (C

CAPACITOR;

CAPACITOR;

CAP; SMT (0;

INDUCTOR; S

TEST POINT;

RESISTOR; 0;

RESISTOR; 0;

; TC=X7R