

TITLE: Bill of Materials
 DATE: 10/22/2020
 DESIGN: max16141a_evkit_a
 VARIANT:newvariant

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

ITEM	REF_DES	DNI/DNP	QTY	MFG PART #	MANUFACTURER	VALUE
1	C1, C2	-	2	GRM31CR72	MURATA	0.1UF
2	C3	-	1	GRM43DR72	MURATA	0.33UF
3	C4	-	1	EEE-FK1V331	PANASONIC	330UF
4	C8	-	1	VJ0603Y102F	VISHAY	1000PF
5	C9	-	1	C0805C103K	KEMET;MUR	0.01UF
6	COM_TP1, C1	-	2	5001	KEYSTONE	N/A
7	D2	-	1	CMHZ5231B	CENTRAL SEI	5.1V
8	D4	-	1	BAV300	VISHAY	BAV300
9	D5	-	1	BAS16-7-F	DIODES INCC	BAS16-7-F
10	D7	-	1	NRVBS3200T	ON SEMICON	NRVBS3200T
11	EN, FAULT, C	-	6	5002	KEYSTONE	N/A
12	IN, OUT, SYS	-	4	108-0740-00	EMERSON N	108-0740-00
13	JU1-JU3	-	3	PEC02SAAN	SULLINS	PEC02SAAN
14	N1, N2	-	2	NVD6824NLT	ON SEMICON	NVD6824NLT
15	Q1	-	1	BC846BLT3G	ON SEMICON	BC846BLT3G
16	R1	-	1	CSSH2728FT	STACKPOLE	0.005
17	R2	-	1	CRCW121010	VISHAY DALE	10
18	R4	-	1	RG1608P-10	SUSUMU CO	100
19	R5, R17, R21	-	3	CRCW060300	VISHAY;ROH	0
20	R6-R9	-	4	CHPHT0603K	VISHAY SFER	10K
21	R10	-	1	CRCW060310	VISHAY DALE	162K
22	R11	-	1	CRCW060370	VISHAY DALE	715K
23	R12-R14, R21	-	4	CRCW060310	VISHAY DALE	100K
24	R16	-	1	TNPW060340	VISHAY DALE	40K
25	R18	-	1	RC0402JR-07	YAGEO PHYC	0
26	R19	-	1	TNPW060310	VISHAY;SUSU	1K
27	R22	-	1	CSR0603FKR	STACKPOLE	0.5
28	SU1-SU3	-	3	S1100-B;SX1	KYCON;KYCO	SX1100-B
29	U1	-	1	MAX16141A	MAXIM	MAX16141A
30	PCB	-	1	MAX16141A	MAXIM	PCB
31	D1	DNP	0	CMPZ5245B	CENTRAL SEI	15V
32	D6	DNP	0	SLD8S33A	LITTLEFUSE	33V
33	C5, C6	DNP	0	N/A	N/A	OPEN
34	C7	DNP	0	N/A	N/A	OPEN
35	R3, R15	DNP	0	N/A	N/A	OPEN

TOTAL 53

DESCRIPTION COMMENTS

CAP; SMT (1
CAP; SMT (1
CAP; SMT (C
CAP; SMT (0
CAP; SMT (0
TEST POINT;
DIODE; ZNR;
DIODE; SS; S
DIODE; SWT;
DIODE; SCH;
TEST POINT;
CONNECTOR
CONNECTOR
TRAN; POWE
TRAN; NPN;
RES; SMT (2
RES; SMT (1
RES; SMT (0
RES; SMT (0
RES; SMT (0
RES; SMT (0
RES; SMT (0
RES; SMT (0
RES; SMT (0
RES; SMT (0
RES; SMT (0
RES; SMT (0
RES; SMT (0
RES; SMT (0
RES; SMT (0
RES; SMT (0
TEST POINT;
IC; CONTROL
PCB:MAX161 -
DIODE; ZNR;
DIODE; TVS;
PACKAGE OL
PACKAGE OL
PACKAGE OL