

TITLE: Bill of Materials
 DATE: 11/08/2019
 DESIGN: max17225_evkit_a
 VARIANT:dni

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

ITEM	REF_DES	DNI/DNP	QTY	MFG PART #	MANUFACTURER	VALUE
	1 3V, 5V, LX, L	-		4 131-4353-00	TEKTRONICS	131-4353-00
	2 C1, C101	-		2 GRM155R60	MURATA	10UF
	3 C4, C104	-		2 GRM155R61	MURATA	10UF
	4 GND, GND1,	-		8 1514-2	KEYSTONE	1514-2
	5 JU1, JU101	-		2 PEC03SAAN	SULLINS	PEC03SAAN
	6 L1	-		1 DFE201612E	MURATA	2.2UH
	7 L101	-		1 XFL4020-222	COILCRAFT	2.2UH
	8 R1	-		1 CRCW12060	VISHAY DALE	0
	9 R2, R102	-		2 HMC0402JT3	STACKPOLE	133M
	10 R3, R4, R103	-		4 ERJ-2GE0R0	PANASONIC	0
	11 R101	-		1 RMCF1206F1	STACKPOLE	133K
	12 SU1, SU101	-		2 S1100-B;SX1	KYCON;KYCO	SX1100-B
	13 U1	-		1 MAX17225E1	MAXIM	MAX17225E1
	14 U101	-		1 MAX17225E1	MAXIM	MAX17225E1
	15 V1	-		1 BHX1-1632-S	MEMORY PR	BHX1-1632-S
	16 V101	-		1 BK-879	MEMORY PR	BK-879
	17 PCB	-		1 MAX17225	MAXIM	PCB
	18 MTH1-MTH4	DNI		4 9032	KEYSTONE	9032
	19 C2, C3, C102,	DNP		0 N/A	N/A	OPEN
	20 C5, C105	DNP		0 N/A	N/A	OPEN
	21 TP1-TP8	-		0 5002	KEYSTONE	N/A
	22 L1C	-		1 MLP1005M1	TDK	1UH
	23 L1F	-		1 DFE160808S	MURATA	1UH
	24 L1V	-		1 DFE18SBN2F	MURATA	2.2UH
	25 L1W	-		1 DFE201612E	MURATA	1UH
	26 L1X	-		1 7.4479E+10	WURTH ELE	2.2UH
	27 L1Y	-		1 7.4438E+10	WURTH ELE	2.2UH
	28 R101A	-		1 RMCF1206F1	STACKPOLE	133K
	29 R101B	-		1 RMCF1206F1	STACKPOLE	133K
	30 R101C	-		1 RMCF1206F1	STACKPOLE	133K
	31 R101D	-		1 RMCF1206F1	STACKPOLE	133K
TOTAL			49			

DESCRIPTION COMMENTS

CONNECTOR

CAPACITOR;

CAPACITOR;

TERMINAL; T

CONNECTOR

INDUCTOR; S

INDUCTOR; S

RESISTOR; 1.

RESISTOR; 0.

RESISTOR; 0.

RESISTOR; 1.

TEST POINT;

EVKIT PART -

IC; CONV; NA

BATTERY HO

BATTERY HO

PCB:MAX172 -

MACHINE FABRICATED; ROUND-THRU HOLE SPACER; NO THREAD; M3.5; 5/8IN; NYLON

PACKAGE OL

PACKAGE OL

TEST POINT;

INDUCTOR; S

INDUCTOR; S

EVKIT PART -

INDUCTOR; S

INDUCTOR; S

EVKIT PART-|

RESISTOR; 1.

RESISTOR; 1.

RESISTOR; 1.

RESISTOR; 1.