

TITLE: Bill of Materials  
 DATE: 11/08/2019  
 DESIGN: max17223\_evkit\_a  
 VARIANT:dni

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

| ITEM  | REF_DES          | DNI/DNP | QTY | MFG PART #    | MANUFACTL   | 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   | £ 33M       |
|       | 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 MAX17223E1  | MAXIM       | MAX17223E1  |
|       | 14 U101          | -       |     | 1 MAX17223E1  | MAXIM       | MAX17223E1  |
|       | 15 V1            | -       |     | 1 BHX1-1632-S | MEMORY PR   | BHX1-1632-S |
|       | 16 V101          | -       |     | 1 BK-879      | MEMORY PR   | BK-879      |
|       | 17 PCB           | -       |     | 1 MAX17223    | 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           | Spare   |     | 1 MLP1005M1   | TDK         | 1UH         |
|       | 23 L1F           | Spare   |     | 1 DFE160808S  | MURATA      | 1UH         |
|       | 24 L1V           | Spare   |     | 1 DFE18SBN2F  | MURATA      | 2.2UH       |
|       | 25 L1W           | Spare   |     | 1 DFE201612E  | MURATA      | 1UH         |
|       | 26 L1X           | Spare   |     | 1 7.4479E+10  | WURTH ELE   | 2.2UH       |
|       | 27 L1Y           | Spare   |     | 1 7.4438E+10  | WURTH ELE   | 2.2UH       |
|       | 28 R101A         | Spare   |     | 1 RMCF1206F1  | STACKPOLE   | £ 768K      |
|       | 29 R101B         | Spare   |     | 1 RMCF1206F1  | STACKPOLE   | £ 324K      |
|       | 30 R101C         | Spare   |     | 1 RMCF1206F1  | STACKPOLE   | £ 133K      |
|       | 31 R101D         | Spare   |     | 1 RMCF1206F1  | STACKPOLE   | £ 80.6K     |
| TOTAL |                  |         |     | 49            |             |             |

DESCRIPTION COMMENTS

CONNECTOR

CAPACITOR;

CAPACITOR;

TERMINAL; T

CONNECTOR

INDUCTOR; S

INDUCTOR; S

RESISTOR; 1.

RESISTOR; 0.

RESISTOR; 0.

RESISTOR; 1.

TEST POINT;

IC; CONV; 0.4

IC; CONV; 0.4

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.