

TITLE: Bill of Materials  
 DATE: 06/17/2020  
 DESIGN: maxrefdes01263\_apps\_p2  
 VARIANT:dnp

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

| ITEM | REF_DES        | DNI/DNP | QTY | MFG PART # | MANUFACTURER           | VALUE       |
|------|----------------|---------|-----|------------|------------------------|-------------|
| 1    | BT1, BT2       | -       |     | 2          | BATTERY_PA N/A         | BATTERY_PA  |
| 2    | C1, C11, C29,  | -       |     | 4          | C0402X5R6R VENKEL;     | KEM 2.2UF   |
| 3    | C2, C30, C56,  | -       |     | 5          | GRM155R60 MURATA;      | ML 4.7UF    |
| 4    | C3, C13, C14,  | -       |     | 7          | GRM155R70 MURATA       | 0.1UF       |
| 5    | C4-C8, C12, C  | -       |     | 21         | GRM155R60 MURATA;      | ML 10UF     |
| 6    | C9, C10, C16,  | -       |     | 32         | CL05B105KQ SAMSUNG     | E 1UF       |
| 7    | C17            | -       |     | 1          | GRM188R60 MURATA       | 47UF        |
| 8    | C23, C67, C6   | -       |     | 3          | C1608X5R0J2 TDK        | 22UF        |
| 9    | C63            | -       |     | 1          | GRM1557U1 MURATA       | 3300PF      |
| 10   | D1, D2, DS1    | -       |     | 3          | LT L29S-P2R OSRAM      | LT L29S-P2R |
| 11   | J1             | -       |     | 1          | VG-2832TSM FUTUREWA    | VG-2832TSM  |
| 12   | J2             | -       |     | 1          | 9020 BUSS WEICO WIRE   | MAXIMPAD    |
| 13   | J3             | -       |     | 1          | FTSH-105-01 SAMTEC     | FTSH-105-01 |
| 14   | J4, J6-J9, J11 | -       |     | 10         | PEC02SAAN SULLINS      | PEC02SAAN   |
| 15   | J5             | -       |     | 1          | PEC03SAAN SULLINS      | PEC03SAAN   |
| 16   | J10            | -       |     | 1          | PEC04SAAN SULLINS ELE  | PEC04SAAN   |
| 17   | L1             | -       |     | 1          | DFE201610P MURATA      | 0.47UH      |
| 18   | L2             | -       |     | 1          | TFM201610C TDK         | 1UH         |
| 19   | L3             | -       |     | 1          | DFE201208S MURATA      | 2.2UH       |
| 20   | L4             | -       |     | 1          | DFE201210U TOKO        | 1.5UH       |
| 21   | MH1-MH8        | -       |     | 8          | 9032 KEYSTONE          | 9032        |
| 22   | R1             | -       |     | 1          | CRCW04024I VISHAY DALE | 49.9K       |
| 23   | R2, R3, R5     | -       |     | 3          | CRCW04022I VISHAY DALE | 200K        |
| 24   | R4             | -       |     | 1          | ERJ-2RKF20C PANASONIC  | 20K         |
| 25   | R6, R7, R16,   | -       |     | 18         | CRCW04021I VISHAY DALE | 10K         |
| 26   | R8, R17, R18-  | -       |     | 5          | CRCW04021I VISHAY DALE | 1K          |
| 27   | R9, R10, R19-  | -       |     | 5          | CRCW04024I VISHAY DALE | 4.99K       |
| 28   | R11            | -       |     | 1          | CRCW04028I VISHAY      | 8.45K       |
| 29   | R12            | -       |     | 1          | ERJ-2RKF53E PANASONIC  | 536K        |
| 30   | R13            | -       |     | 1          | CRCW04021I VISHAY DALE | 16.9K       |
| 31   | R14            | -       |     | 1          | ERJ-2RKF39C PANASONIC  | 390K        |
| 32   | R21            | -       |     | 1          | ERJ-2RKF102 PANASONIC  | 10.2K       |
| 33   | R26, R36       | -       |     | 2          | CRCW04022I VISHAY DALE | 2.2K        |
| 34   | R33            | -       |     | 1          | CR0402-16W VENKEL LTD. | 19.1K       |
| 35   | R37            | -       |     | 1          | KRL1220E-M SUSUMU CO   | 0.01        |
| 36   | R41            | -       |     | 1          | CRCW04021I VISHAY;     | YAGI 100K   |
| 37   | R43            | -       |     | 1          | CRCW04021I VISHAY DALE | 10          |

|    |          |     |   |             |             |             |
|----|----------|-----|---|-------------|-------------|-------------|
| 38 | SW1, SW2 | -   | 2 | EVP-AA202K  | PANASONIC   | EVP-AA202K  |
| 39 | U1, U2   | -   | 2 | MAX20340E\  | MAXIM       | MAX20340E\  |
| 40 | U3       | -   | 1 | MAX32660G\  | MAXIM       | MAX32660G\  |
| 41 | U4       | -   | 1 | ZX62RD-AB-! | HIROSE ELEC | ZX62RD-AB-! |
| 42 | U5       | -   | 1 | MAX77813E\  | MAXIM       | MAX77813E\  |
| 43 | U6       | -   | 1 | MAX77818E\  | MAXIM       | MAX77818E\  |
| 44 | U7       | -   | 1 | MAX17270E\  | MAXIM       | MAX17270E\  |
| 45 | U8       | -   | 1 | MAX98090AI  | MAXIM       | MAX98090AI  |
| 46 | U9       | -   | 1 | MAX17260BI  | MAXIM       | MAX17260BI  |
| 47 | U10      | -   | 1 | MAX32660G\  | MAXIM       | MAX32660G\  |
| 48 | U11      | -   | 1 | MAX77651BI  | MAXIM       | MAX77651BI  |
| 49 | Y1       | -   | 1 | ECS-2033-13 | ECS INC.    | ECS-2033-13 |
| 50 | PCB      | -   | 1 | MAXREFDES\  | MAXIM       | PCB         |
| 51 | R15, R38 | DNP | 0 | ERJ-2GE0R0\ | PANASONIC   | 0           |

TOTAL

165

DESCRIPTION COMMENTS

EVKIT PART-

CAPACITOR;

CAPACITOR;

CAPACITOR;

CAPACITOR;

CAPACITOR;

CAPACITOR;

CAPACITOR;

CAPACITOR;

DIODE; LED; :

MODULE; DS

EVK KIT PART

CONNECTOR

CONNECTOR

CONNECTOR

CONNECTOR

INDUCTOR; S

INDUCTOR; S

INDUCTOR; S

INDUCTOR; S

MACHINE FA

RESISTOR; 0

RESISTOR; 0

RESISTOR; 0

RESISTOR; 0

RESISTOR; 0

RESISTOR; 0

RES; SMT (0

RESISTOR; 0

RESISTOR; 0

RESISTOR, 0

RESISTOR; 0

RESISTOR, 0

RESISTOR; 0

RES; SMT (0

RESISTOR; 0

RESISTOR; 0

SWITCH; SPS  
IC; INFC; BIDI  
IC; UCON; UL  
CONNECTOR  
IC; CONV; HI  
IC; PWRM; D  
EVKIT PART-  
IC; CODEC; O  
IC; GAUGE; 5  
IC; UCON; UL  
IC; PMIC; UL  
OSCILLATOR;  
PCB:MAXREF -  
RESISTOR; 0