

Materiel B. O. M.

Date: 2016.1.4

Model NO: XX-202

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Version: v02

| Item | Part name | Description | Qty | Location | Remark |
|------|------------------------|----------------------------------|-----|----------|--------|
| 1 | SMD IC | IC UTC MC34119 SOP8 | 1 | U1 | |
| 2 | SMD TRANSISTOR | 9018 SOT-23 | 1 | Q2 | |
| 3 | VARIABLE INDUCTOR | 7*7mm H:8.5mm 2T*2T*1T | 1 | T1 | |
| 4 | Crystal | 49.860MHZ \pm 20PPM 20PF 49US | 1 | XT1 | |
| 5 | electrolytic capacitor | 100UF /10V mm (D5*H7mm) | 2 | EC1 EC2 | |
| 6 | electrolytic capacitor | 220UF /10V mm (D6*H7mm) | 1 | EC3 | |
| 7 | Switch | PS-42D02 | 1 | J6 | |
| 8 | Switch | 2PIN 3A-03 | 1 | K1 | |
| 9 | CHIP RESISTOR | 1 Ω 1/16W \pm 5% 0402 | 2 | R13 R16 | |
| 10 | CHIP RESISTOR | 10 Ω 1/16W \pm 5% 0402 | 1 | R3 | |
| 11 | CHIP RESISTOR | 22 Ω 1/16W \pm 5% 0402 | 1 | R11 | |
| 12 | CHIP RESISTOR | 100 Ω 1/16W \pm 5% 0402 | 1 | R6 | |
| 13 | CHIP RESISTOR | 2.2K 1/16W \pm 5% 0402 | 2 | R9 R4 | |
| 14 | CHIP RESISTOR | 3.9K 1/16W \pm 5% 0402 | 1 | R10 | |
| 15 | CHIP RESISTOR | 6.8K 1/16W \pm 5% 0402 | 1 | R2 | |
| 16 | CHIP RESISTOR | 6.8K 1/16W \pm 5% 0603 | 1 | R7 | |
| 17 | CHIP RESISTOR | 10K 1/16W \pm 5% 0402 | 1 | R20 | |
| 18 | CHIP RESISTOR | 18K 1/16W \pm 5% 0402 | 1 | R8 | |
| 19 | CHIP RESISTOR | 1.2M 1/16W \pm 5% 0402 | 1 | R1 | |
| 20 | CHIP CAPACITOR | 5PF \pm 0.5P COG 10V 0402 | 1 | C8 | |
| 21 | CHIP CAPACITOR | 22PF \pm 5% COG 10V 0402 | 1 | C23 | |
| 22 | CHIP CAPACITOR | 39PF \pm 5% COG 10V 0402 | 2 | C1 C2 | |
| 23 | CHIP CAPACITOR | 82PF \pm 5% COG 10V 0402 | 1 | C3 | |
| 24 | CHIP CAPACITOR | 222 \pm 10% X7R 16V 0402 | 1 | C6 | |
| 25 | CHIP CAPACITOR | 472 \pm 10% X7R 16V 0402 | 1 | C12 | |
| 26 | CHIP CAPACITOR | 223 \pm 10% X7R 16V 0402 | 1 | C13 | |
| 27 | CHIP CAPACITOR | 473 \pm 10% X7R 16V 0402 | 1 | C25 | |
| 28 | CHIP CAPACITOR | 104 +80-20% Y5V 16V 0402 | 2 | C22 C9 | |
| 29 | CHIP CAPACITOR | 224 +80-20% Y5V 16V 0402 | 1 | C4 | |
| 30 | CHIP CAPACITOR | 105 +80-20% Y5V 16V 0402 | 1 | C21 | |
| 31 | INDUCTOR | 4.7UH 0.5W +/-5% | 1 | L1 | |
| 32 | Wire | 26# L=60MM*2*2 1061 Red | 1 | BAT+ ANT | |
| 33 | Wire | 26# L=80MM*2*2 1061 Black | 2 | BAT- | |
| 34 | Wire | 26# L=60MM*2*2 1061 Black | 2 | SPK+/- | |
| 35 | PCB | SW202-01V02 FR4 34*38.7mm 1.0mm | 1 | | |