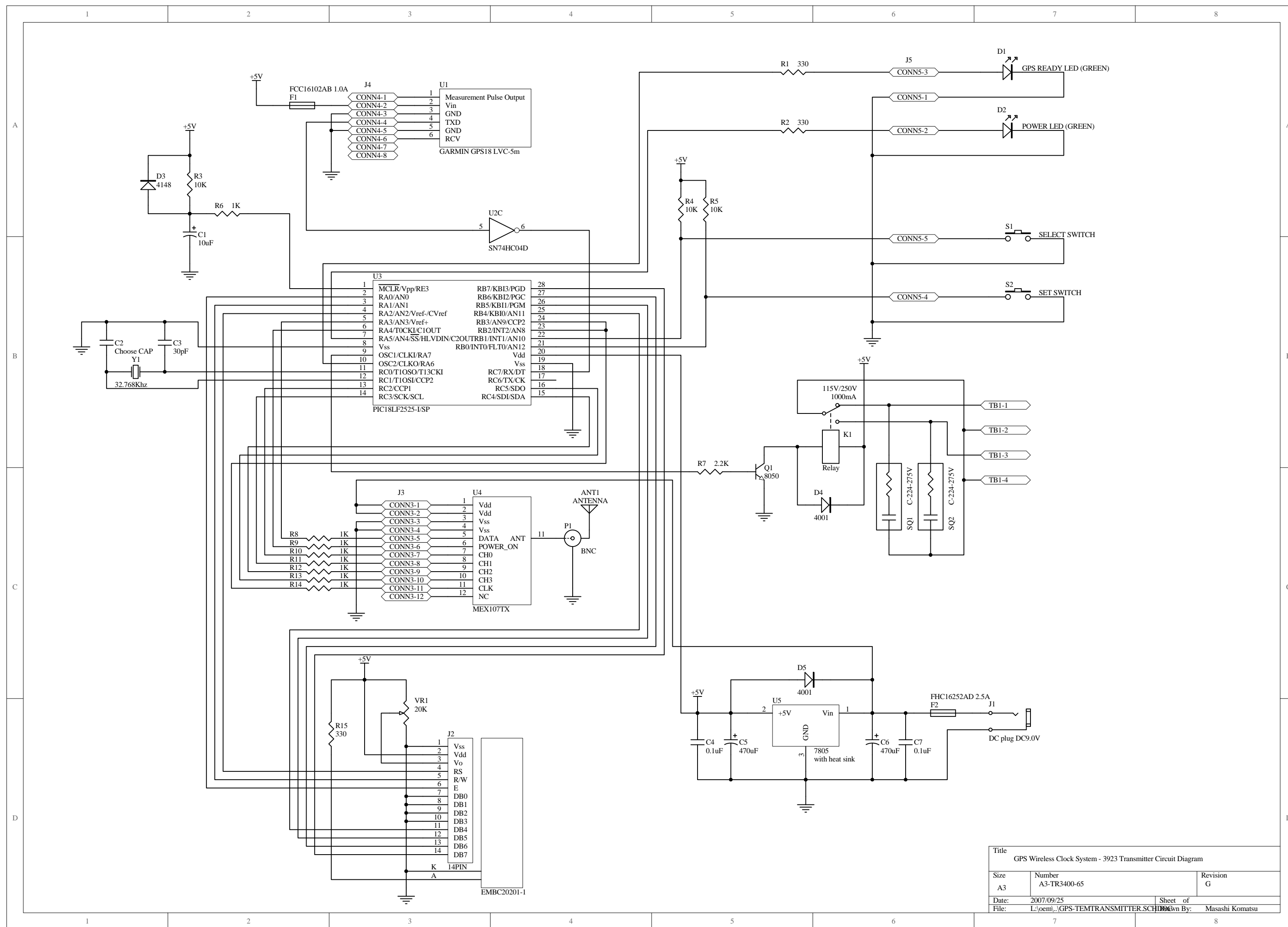


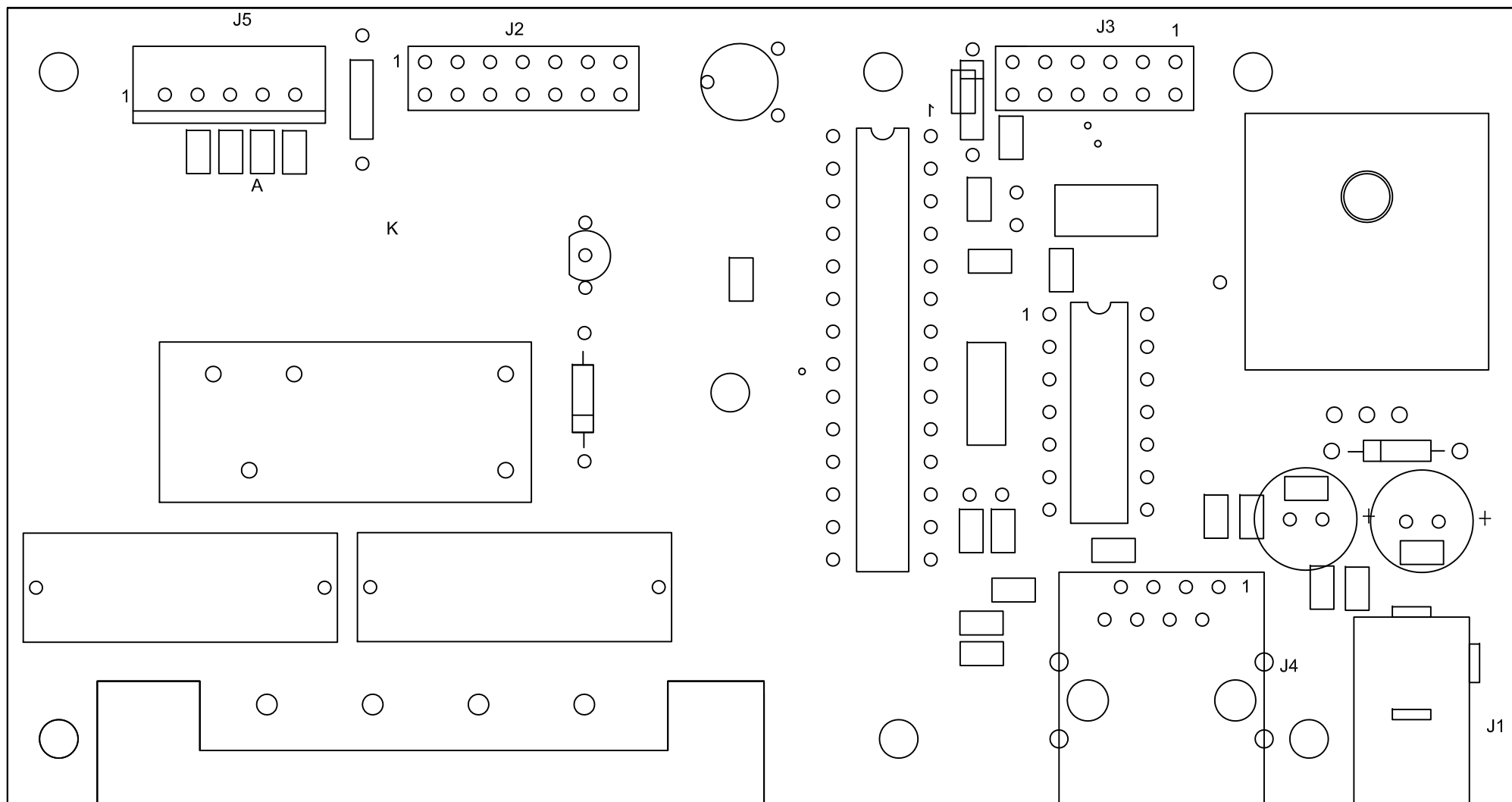
3923 transmitter unit

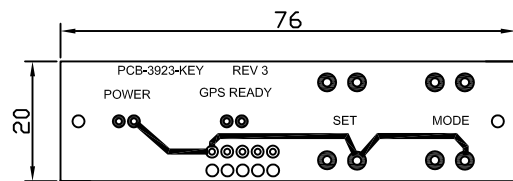
| item | description | qty | part number | remark |
|------|---------------------------------|-----|-----------------|-----------|
| 1 | 4148 diode | 1 | D-IN4148 | D3 |
| 2 | 10K resistor 0603 | 3 | R-103-0603 | R3.R4.R5 |
| 3 | 1K resistor 0603 | 8 | R-102-0603 | R6 R8-R14 |
| 4 | 330 Ohm resistor 0603 | 2 | R-331-0603 | R1.R2 |
| 5 | 2K2 resistor 0603 | 1 | R-222-0603 | R7 |
| 6 | 330 Ohm resistor 1/4W | 1 | R-331-1/4W | R15 |
| 7 | 4001 diode | 2 | D-IN4001 | D4 ,D5 |
| 8 | 8050C transistor | 1 | TR-8050C | Q1 |
| 9 | 10uF E capacitor | 1 | C-10U-25V | C1 |
| 10 | 30pF capacitor | 2 | C30PF-0603 | C2,C3 |
| 11 | 470uF E capacitor | 2 | C-470U-16V | C5,C6 |
| 12 | 0.22uF E capacitor 275V | 2 | C-224-275V | SQ1 SQ2 |
| 13 | 104 capacitor | 2 | C-104-0603 | C4,C7 |
| 14 | 32768 quartz | 1 | QU-32768-3X8 | Y1 |
| 15 | 20K variable resistor | 1 | R-T20K-3P | VR1 |
| 16 | FCC16102AB 1AD fuse | 1 | FUSE-FCC16102AB | F1 |
| 17 | FHC16252AD2.5A fuse | 1 | FUSE-FHC16252AD | F2 |
| 18 | relay MI-SH-105L 5VDC | 1 | DJ-3923 | K1 |
| 19 | IC LM7805CT | 1 | IC-LM7805CT | U5 |
| 20 | IC SN74HC04D | 1 | IC-SN74HC04D | U2C |
| 21 | IC PIC18F2525(发射) | 1 | IC-3923 | U3 |
| 22 | IC socket 2X14PIN 10X35MM | 1 | SO-IC2X14P | U3 |
| 23 | DC plug | 1 | SO-LED34 | J1 |
| 24 | socket DG35S-B-04P-13-00A(H)-60 | 1 | SO-3923-1 | |
| 25 | socket 8P | 1 | SO-3923-2 | J4 |
| 26 | heatsink LED3 | 1 | ME-LED31 | U5 |
| 27 | 3X8PM screw | 1 | SC-3X8PM | |
| 28 | U3 nut | 1 | SC-M3X8X3 | |
| 29 | PCB 3923-m1 REV4 | 1 | PCB-3923-M1 | |
| 30 | PCB 3923-TB1 REV2 | 1 | PCB-3923-TB1 | |
| 31 | PCB key board | 1 | PCB-3923-KEY | |
| 32 | Green LED 5mm | 2 | D-LED5MM-GRE | D1.D2 |
| 33 | switch L=7 | 2 | 8050000 | S1 S2 |
| 34 | 7X2PIN | 1 | SO-LED32 | J2 |
| 35 | 5PIN connector | 1 | SO-3923-3 | J5 |
| 36 | 2X6PIN | 1 | SO-3923-4 | J3 |
| 37 | 5PIN插头连线 | 1 | SO-3923-5 | |
| 38 | 2X6P插头连接线 | 1 | SO-3923-6 | |
| 39 | 2X7插头连接线 | 1 | SO-3923-7 | |
| 40 | BNC插座 | 1 | SO-3923-8 | 双向 |

3923

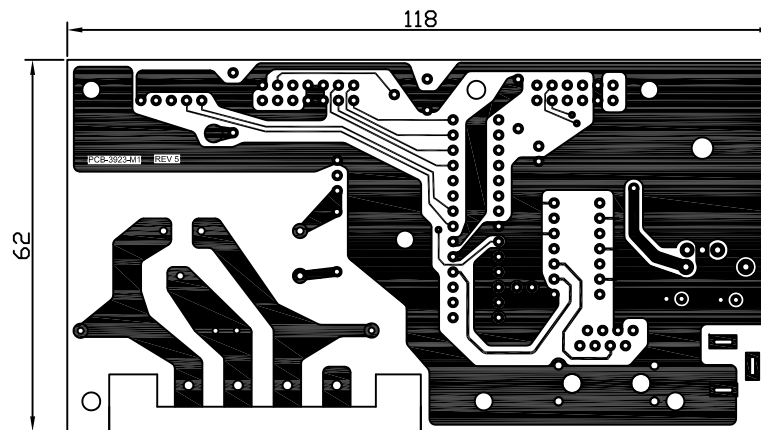
| item | description | qty | part number | remark |
|------|-------------|-----|-------------|--------|
| 41 | BNC插头天线 | 1 | ANT-3923-1 | |
| 42 | 铝面壳3923 | 1 | ME-3923-1 | |
| 43 | 铝底壳3923 | 1 | ME-3923-2 | |
| 44 | 底板支架（塑胶） | 1 | PL-3923-3 | |
| 45 | 塑胶面壳 | 1 | PL-3923-1 | |
| 46 | 塑胶底壳 | 1 | PL-3923-2 | |
| 47 | 按制（塑胶） | 2/套 | PL-3923-4 | |
| 48 | LED灯制1（塑胶） | 2/套 | PL-3923-5 | |
| 49 | LED灯制2（塑胶） | 4/套 | PL-3923-6 | |
| 50 | 胶片 | 1 | PL-3923-7 | |
| 51 | 丝母座 | 2 | PL-3923-8 | |
| 52 | 胶脚（塑胶） | 4 | PL-3923-9 | |
| 53 | 底座IC盖（塑胶） | 1 | PL-3923-10 | |
| 54 | 螺丝2.6X10PA | 4 | SC-2.6X10PA | |
| 55 | 螺丝4X8PM | 4 | SC-4X8PM | |
| 56 | 丝母M4XD8XH4 | 8 | SC-M4X7X3 | |
| 57 | 螺丝2X6PA | 21 | SC-2X7PA | |
| 58 | 螺丝2X4WPA | 4 | SC-2X4WPA | |
| 59 | BNC插头信号线 | 1 | ANT-3923-2 | |
| 60 | LCD液晶模块 | 1 | LCD-3923 | |
| 61 | 射频盒 | 1 | RF BOX | 成品原件 |
| 62 | 电源 10VDC | 1 | T-3923 | 带专用电源线 |
| 63 | | | | |
| 64 | | | | |
| 65 | | | | |
| 66 | | | | |
| 67 | | | | |
| 68 | | | | |
| 69 | | | | |
| 70 | | | | |
| 71 | | | | |
| 72 | | | | |
| 73 | | | | |
| 74 | | | | |
| 75 | | | | |
| 76 | | | | |
| 77 | | | | |
| 78 | | | | |
| 79 | | | | |
| 80 | | | | |



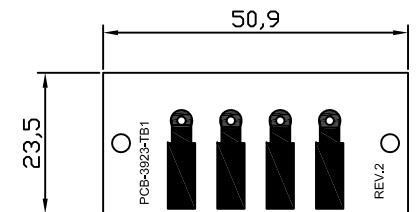




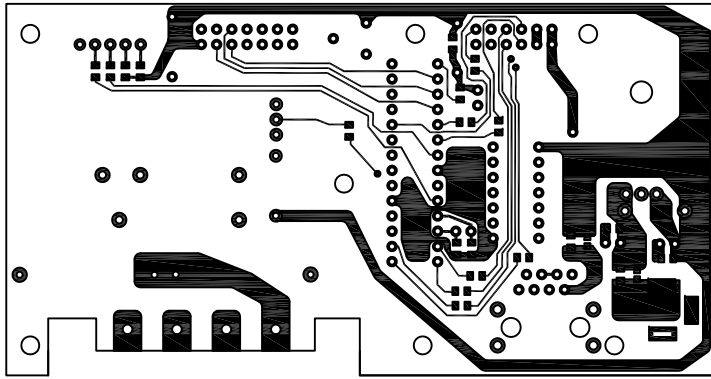
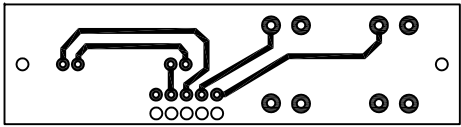
PCB-3923-KEY
REV 3
PCB=1.6MM
2007.9.2



PCB-3923-M1
REV.5
PCB=1.6MM
2007.9.2

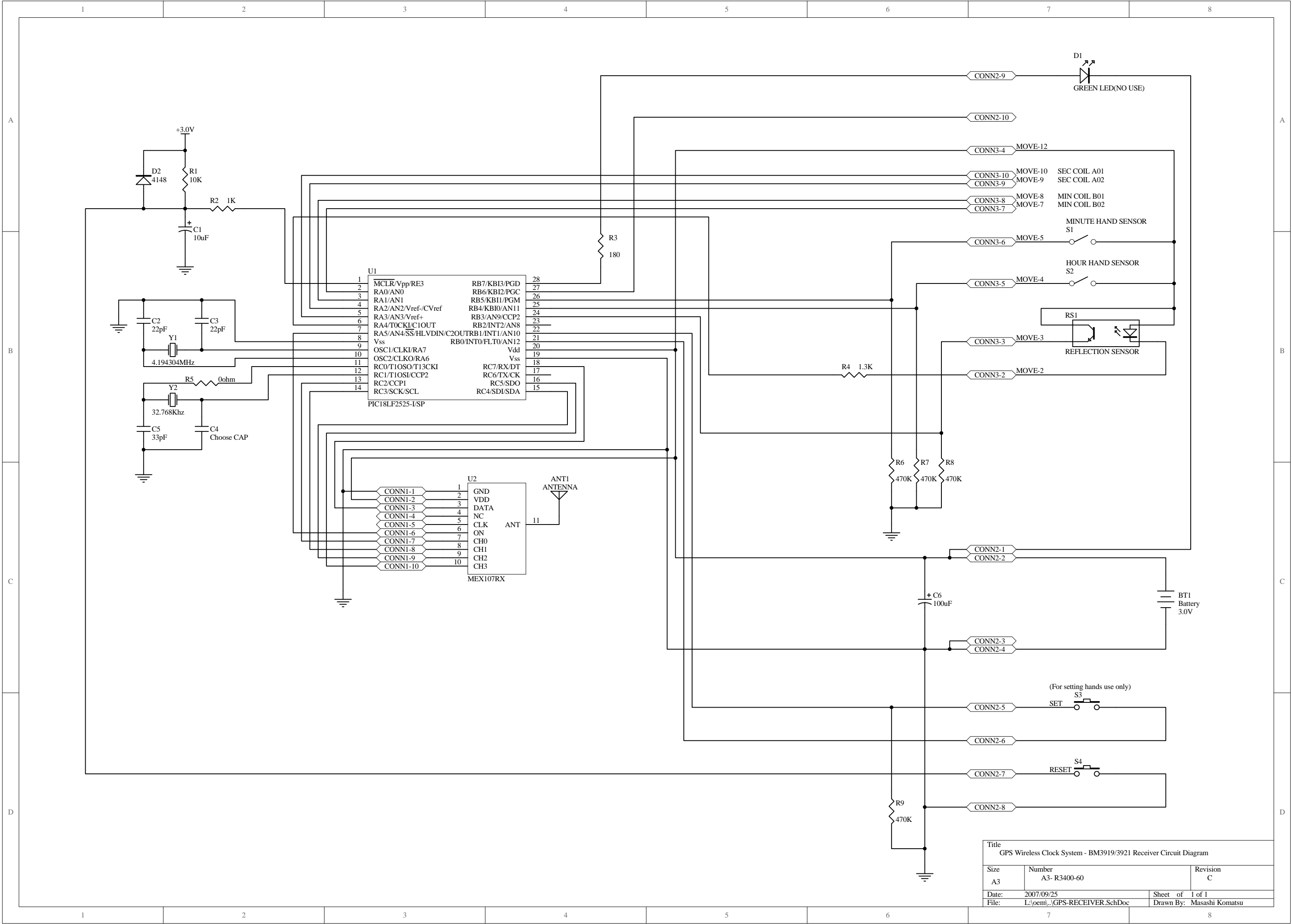


PCB-3923-TB1
REV.2
PCB=1.6MM
2007.9.2

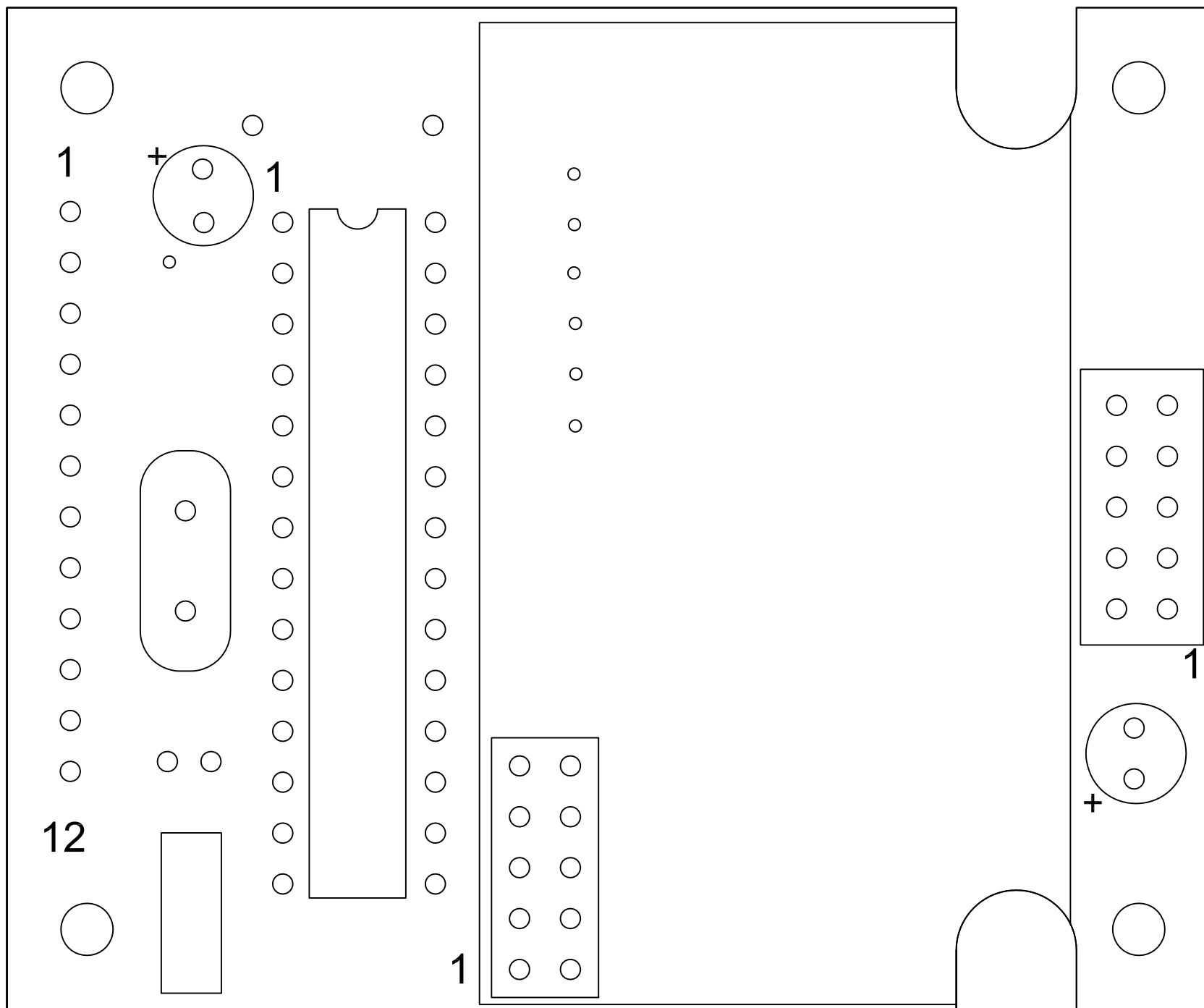


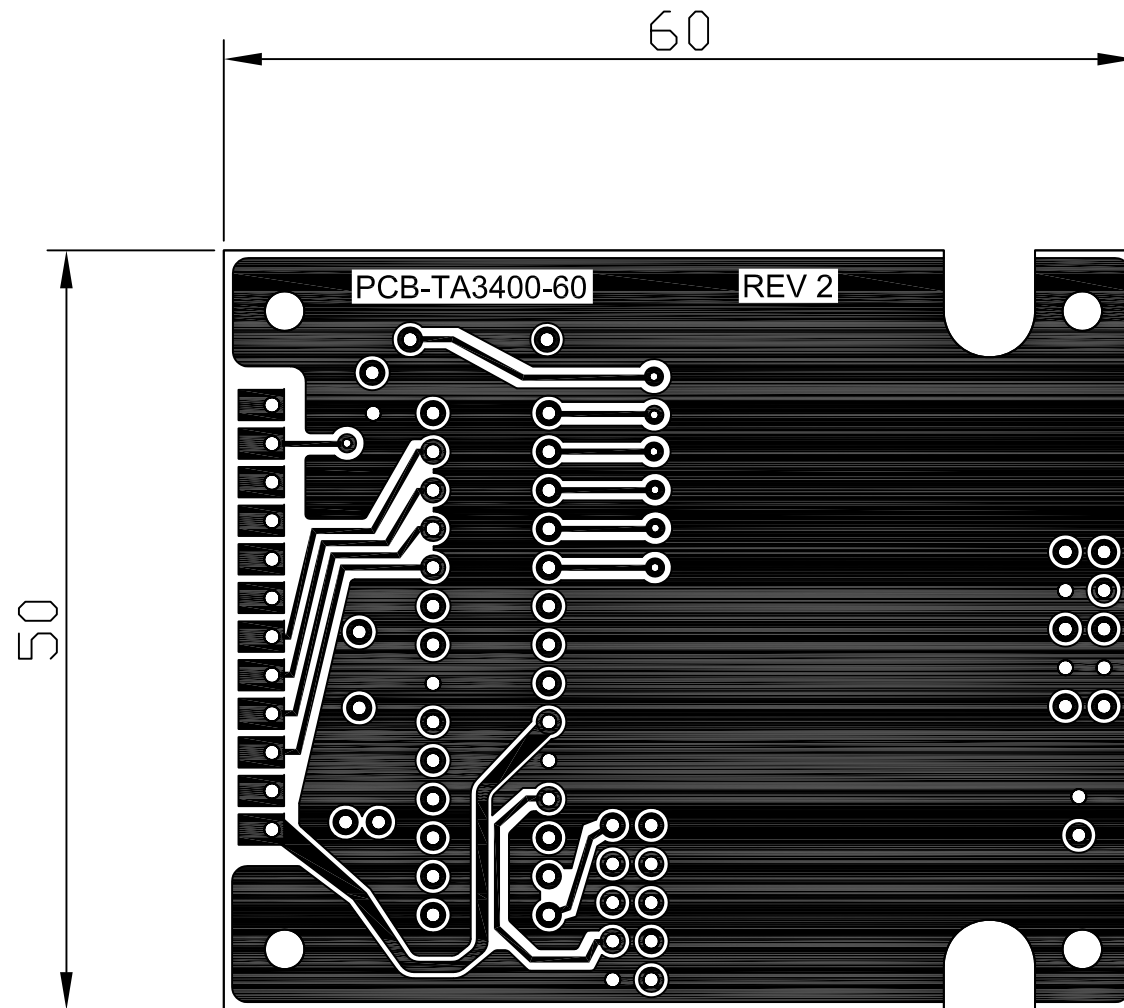
BM3919/3921 13" -16" clock

| item | description | qty | part number | remark |
|------|---------------------------|-----|----------------|-------------|
| 1 | plastic fornt case | 1 | PL-3919-1 | |
| 2 | back case | 1 | PL-3919-2 | |
| 3 | battery compartment | 1 | PL-3919-3 | |
| 4 | lens | 1 | PL-3919-4 | |
| 5 | battery cover | 1 | PL-3919-5 | |
| 6 | movement | 1 | 539J237A | |
| 7 | dial | 1 | DIAL-3919 | |
| 8 | Hour hand | 1 | ME-HOUR-3919 | |
| 9 | minute hand | 1 | ME-MIN-3919 | |
| 10 | second hand | 1 | ME-SEC-3919 | |
| 11 | battery connector (+/-) | 1 | BC-3919- (+/-) | |
| 12 | battery connector (-) | 1 | BC-3919- (-) | |
| 13 | battery connector (+) | | BC-3919- (+) | |
| 14 | leadwire | 1 | LE-1X120-BLK | |
| 15 | leadwire | 1 | LE-1X120-RED | |
| 16 | leadwire9PIN L250mm D=1mm | 1 | LE-1X9X250mm | |
| 17 | screw | 10 | SC-2X6PA | |
| 18 | screw | 6 | SC-2.6X10PA | |
| 19 | diode | 1 | D-IN4148 | D2 |
| 20 | 10Kresistor 0603 | 1 | R-103-0603 | R1 |
| 21 | 1Kresistor 0603 | 1 | R-102-0603 | R2 |
| 22 | 0 OHM resistor 0603 | 1 | R-000-0603 | R5 |
| 23 | 180 Ohm resistor 0603 | 1 | R-181-0603 | R3 |
| 24 | 1K3 resistor 0603 | 1 | R-132-0603 | R4 |
| 25 | 470K resistor 0603 | 4 | R-474-0603 | R6.R7.R8.R9 |
| 26 | 10uF capacitor | 1 | C-10U-25V | C1 |
| 27 | 100uF capacitor | 1 | C-100U-16V | C6 |
| 28 | 22PF capacitor 0603 | 2 | C-22PF-0603 | C2.C3 |
| 29 | 33PF capacitor 0603 | 2 | C-33PF-0603 | C4.C5 |
| 30 | 32768 quartz | 1 | QU-32768-3X8 | Y2 |
| 31 | 4.194304MHz crystal | 1 | QU-4.194304MHZ | Y1 |
| 32 | IC socket 2X14PIN 10X35MM | 1 | SO-IC2X14P | |
| 33 | IC PIC18F2525(receiver) | 1 | IC-TA3400 | U1 |
| 34 | receiver EB (EX107RX) | 1 | EOB-EX107RX | 成品原件 |
| 35 | PCB TA3400 | 1 | PCB-TA3400-60 | |
| 36 | SocketN 5X13MM | 1 | SO-T3400-1 | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |



| | | |
|---------------------------------------------------------------------------|--------------------------------|---------------------------|
| Title GPS Wireless Clock System - BM3919/3921 Receiver Circuit Diagram | | |
| Size A3 | Number A3- R3400-60 | Revision C |
| Date: | 2007/09/25 | Sheet of 1 of 1 |
| File: | L:\oem\...\GPS-RECEIVER.SchDoc | Drawn By: Masashi Komatsu |





PCB-TA3400-60

REV 2

PCB=1.6MM

2007.9.3

