Project: Traveler ptFlex v1.03

|  |  |
| --- | --- |
| Inductors L1-L7 - 160Ω  Notes: | Red LED LED1  Notes: Dark stripe to the top edge of PCB. |
| Green LED LED2  Notes: Dark stripe to the top edge of PCB. | MOSFET Q1  Notes: |
| Transistor Q2  Notes: | Resonator Y1  Notes: 16MHz |
| Regulator U5  Notes: | OpAmp U6  Notes: |

|  |  |
| --- | --- |
| Sensor U8  Notes: Vent hole to top. May be easier to place by hand after reflow. | Switch S1  Notes: |
| Resistor R1  Notes: 1MΩ (Marking 105 or 1004) | Resistor R13  Notes: 100Ω (Marking 101 or 1000) |

|  |  |
| --- | --- |
| Resistor R3-R4  Notes: 4.7kΩ (Marking 472 or 4701) | Resistor R7, R17  Notes: 47kΩ (Marking 473 or 4702) |
| Resistor R11, R16  Notes: 100kΩ (Marking 104 or 1003) | Resistor R5, R6, R8  Notes: 1kΩ (Marking 102 or 1001) |

|  |  |
| --- | --- |
| Resistor R2, R9, R10, R12, R14, R15  Notes: 10kΩ (Marking 103 or 1002) | Capacitor C2, C4  Notes: 10nF |
| Capacitor C1, C3, C5-C8, C10-C16, C17  Notes: .1µF | Header SV2  Notes: |

|  |  |
| --- | --- |
| ATMega U7  Notes: Dot to upper-right corner. | Antenna ANT1  Notes: Dot to bottom. |
| Diodes D1-D2  Notes: D1 is stripe down, D2 is stripe up. | Diode D3  Notes: Diode stripe to left. |

|  |  |
| --- | --- |
| GPS U2  Notes: Red dot to bottom-left. | Regulator U3  Notes: |
| Capacitor C9, C16  Notes: 47µF Black stripe to bottom. | Connector J1  Notes: |