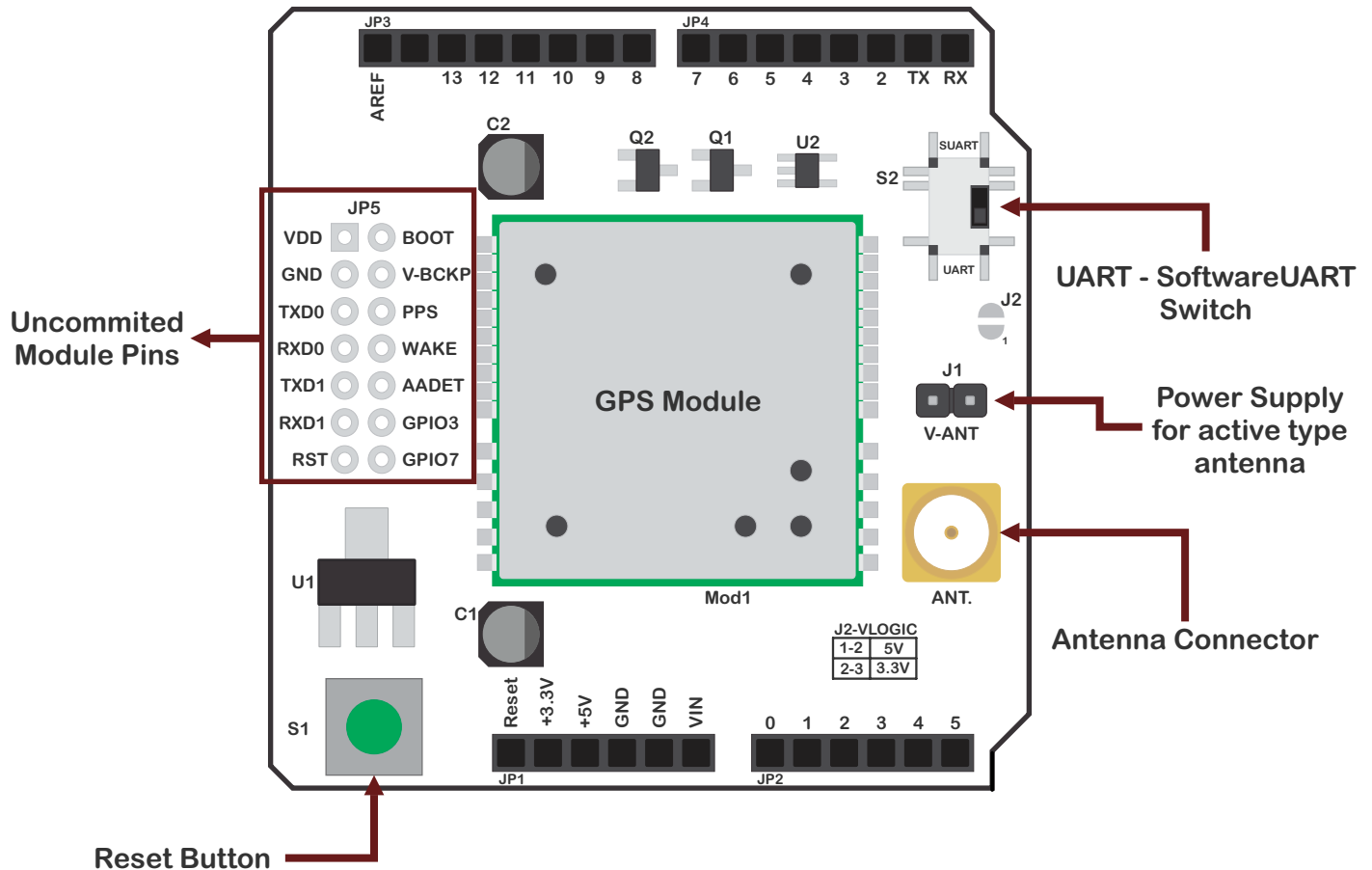


Hardware Reference Manual



Our new low cost Global Positioning System GPS module has buffered UART serial I/O that allows it to be interfaced with any host MCU operating within 3V to 5V range. Full I/O interface functions are available through a 2x7 header connector. Ready to use as a gizDuino (Arduino Compatible) Shield . UART/SUART1 serial port selection switch.

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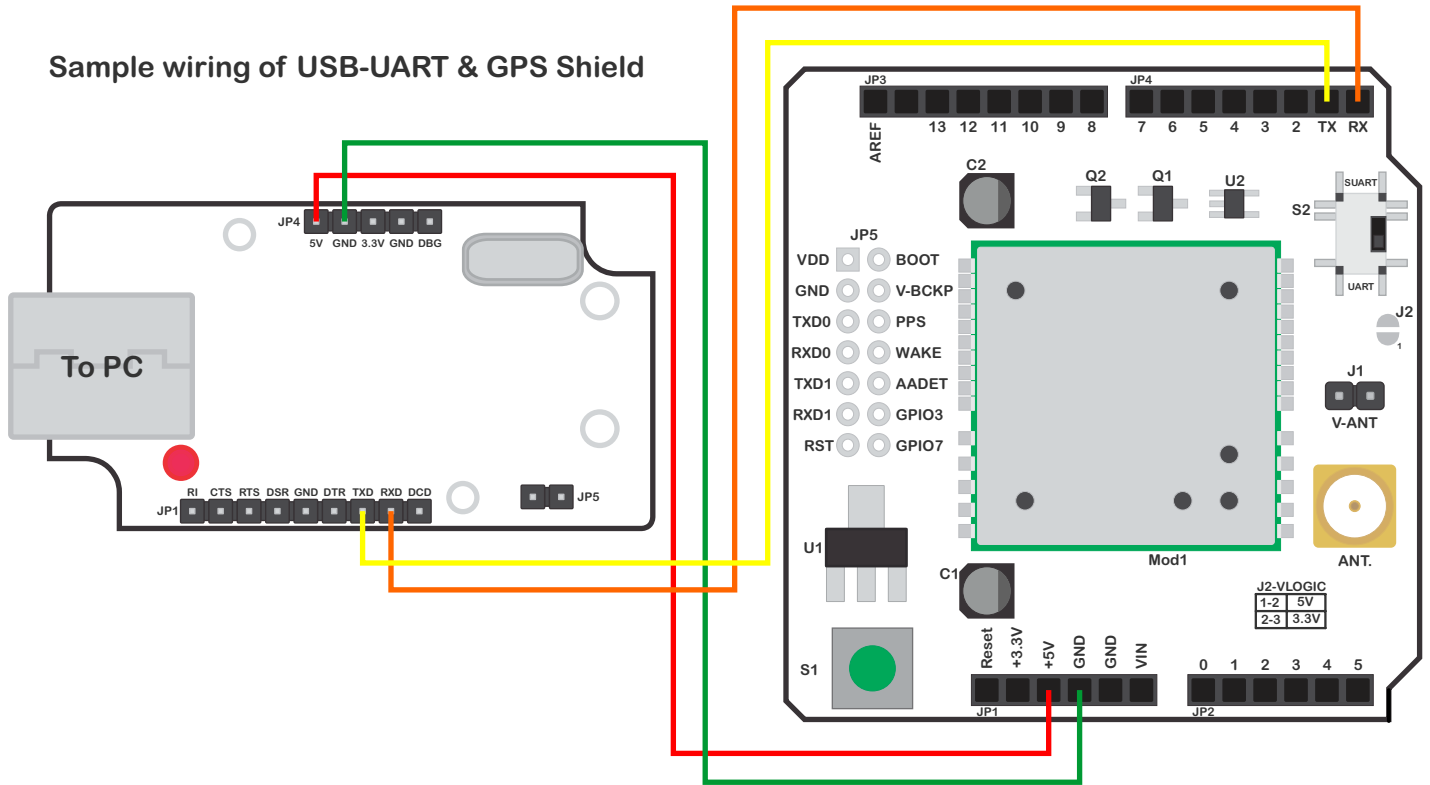
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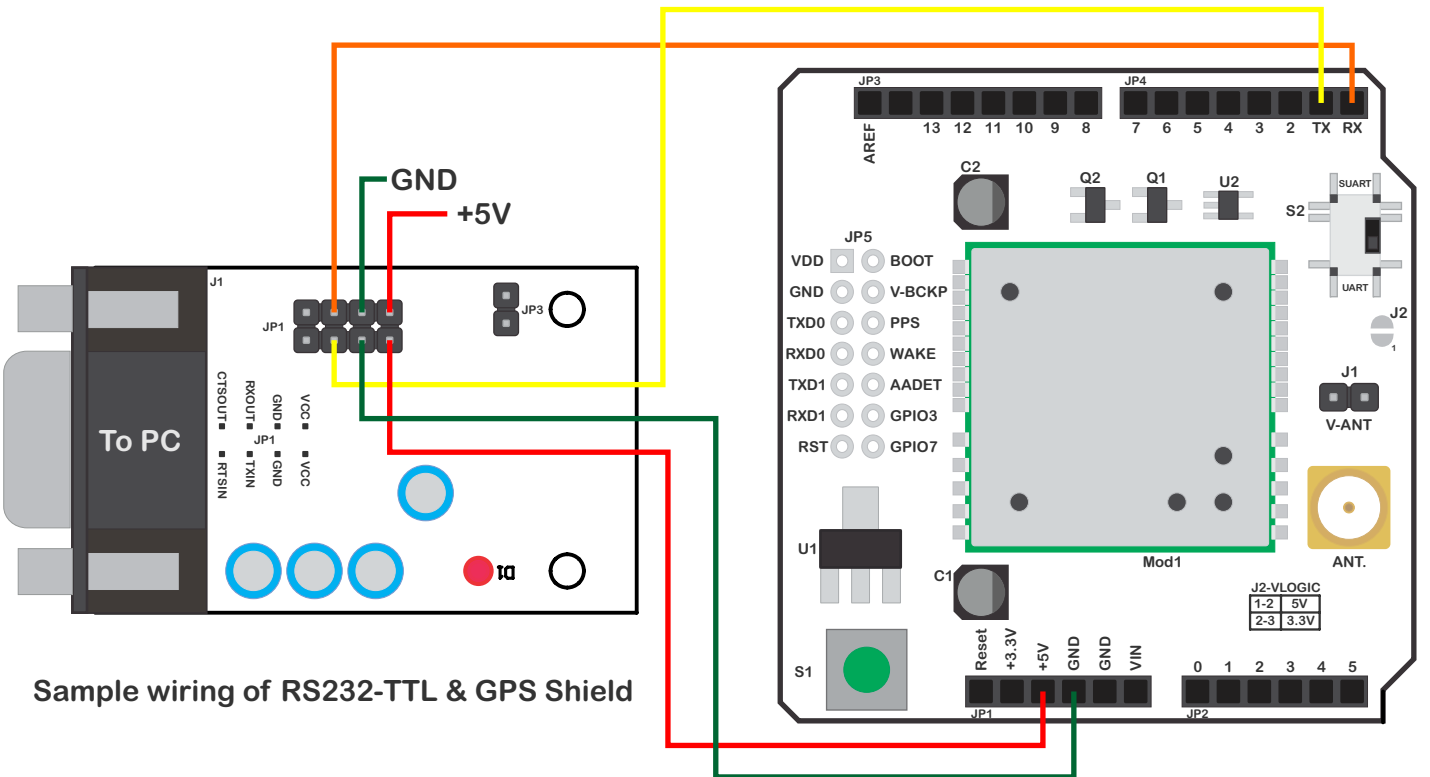
Wiring Examples

If your not using gizDuino or any Arduino compatible microcontrollers, only 4 pins is needed to interface it to your PC. Using our USB-UART or RS232-TTL Converters interfacing this GPS board to your PC is much simple and easy.

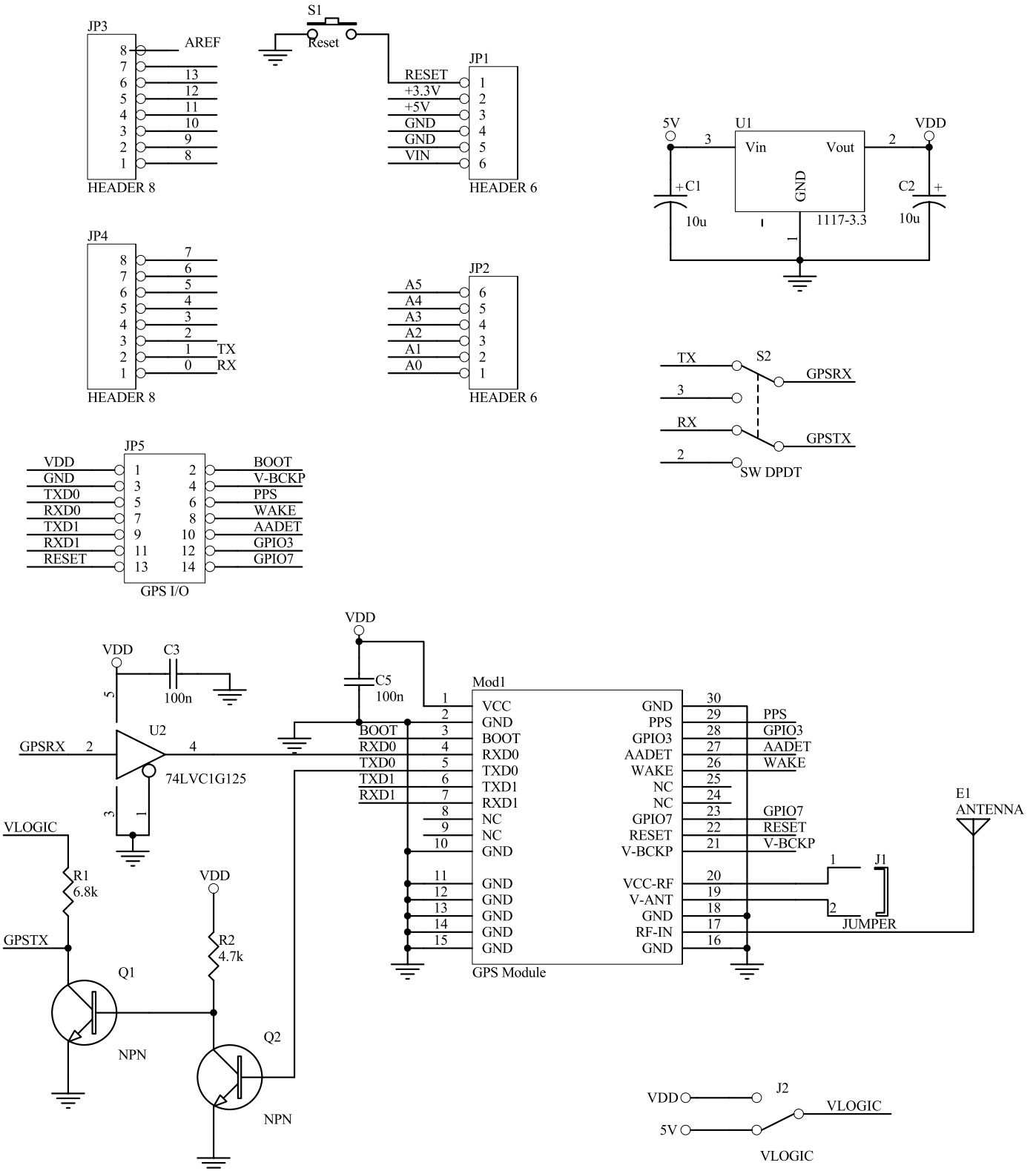
Sample wiring of USB-UART & GPS Shield



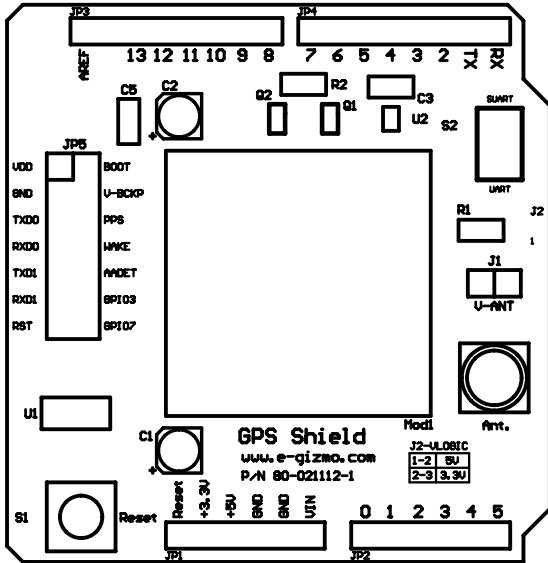
Sample wiring of RS232-TTL & GPS Shield



Schematic Diagram

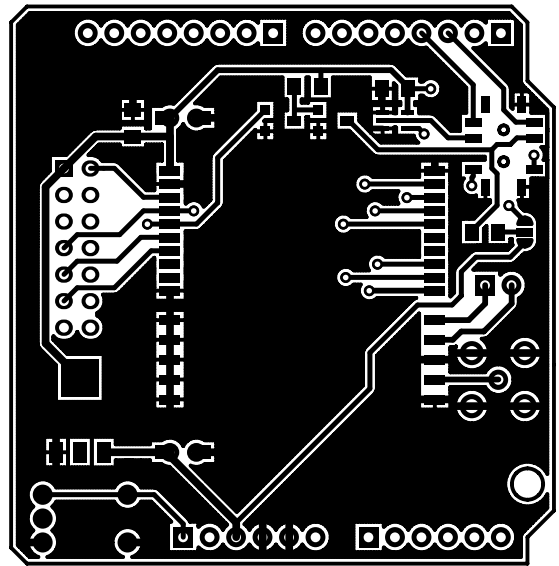


PCB presentation



GPS Shield Silkscreen Layout

GPS Shield Copper Pattern Layout (Top Layer)



GPS Shield Copper Pattern Layout (Bottom Layer)

