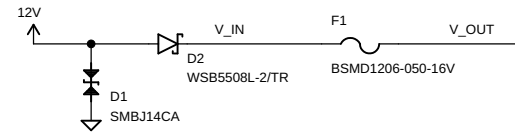
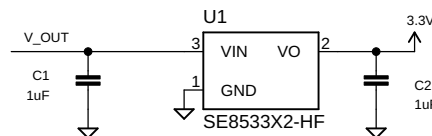


RJ45 connector from exterior unit

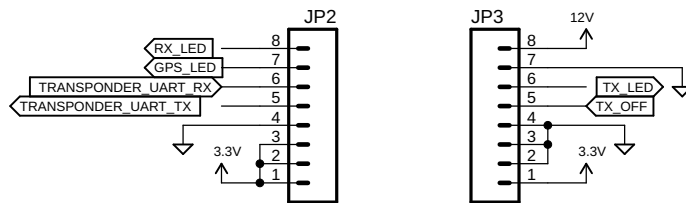


Battery input w/ ESD and reverse polarity protection.

(Working voltage range: 9-18V)



A 3.3V/80mA rail is made available for LEDs, a TX\_DISABLE signal or other optional components.



External pin headers

TRANSPODER\_UART\_TX: 3.3V UART output from transponder board  
 TRANSPODER\_UART\_RX: 3.3V UART input into transponder board  
 RX\_LED: Open drain output, pulled low for 20ms during packet RX  
 TX\_LED: Open drain output, pulled low to indicate TX enabled, toggled during TX event  
 GPS\_LED: Open drain output, pulled low when GNSS has valid position fix  
 TX\_OFF: Input. Drive with 3.3V or higher to disable TX. Leave floating if not needed.

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Basic Breakout

UARTBreakout-2.0

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Sheet: 1/1