



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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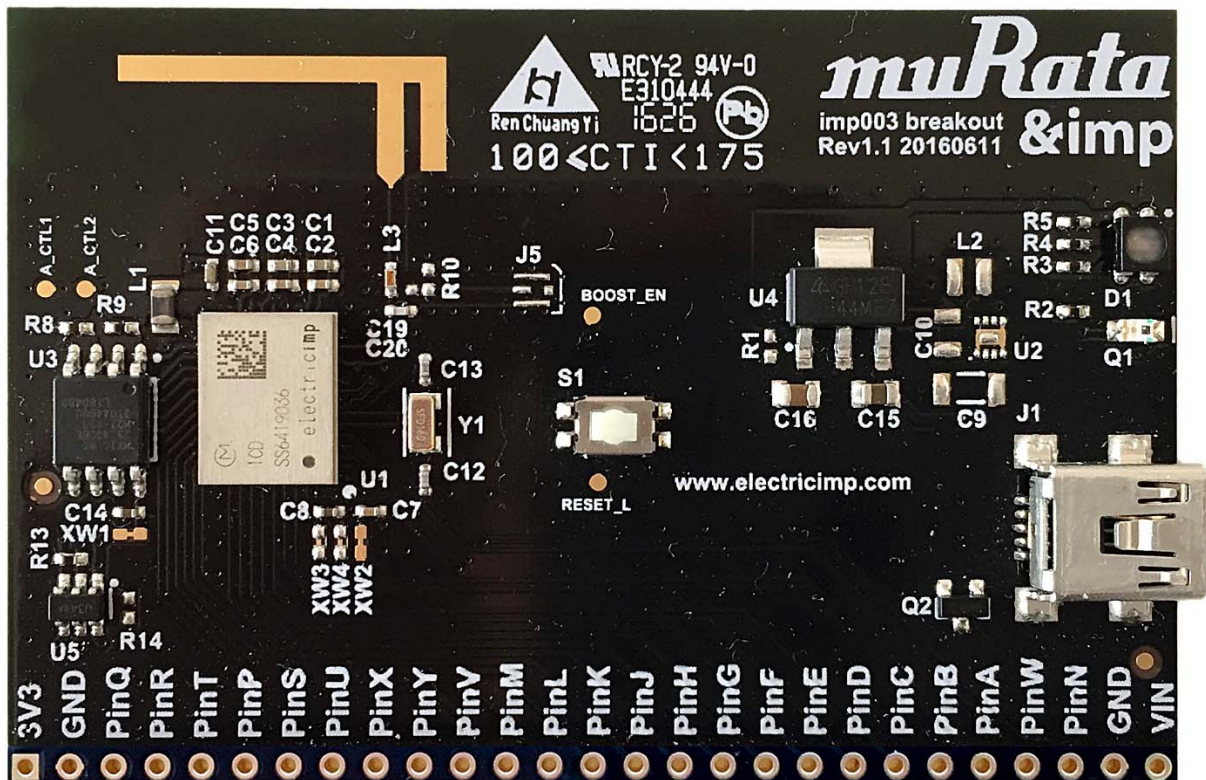
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imp003 Breakout

The imp003 breakout board provides basic life support for the imp003 (Murata LBWA1ZV1CD). The design includes power supply and GPIO breakout for the module, as well as the antenna, 32kHz crystal (for maintaining the real-time clock when offline), load switch for the radio power domain, and required SPI Flash.



Set up

To set up an imp003 Breakout Board, please see this page.

The USB connector should not be connected if power is provided through the VIN header on the board edge.

Signals

All of the signals from the imp003 come out to a header. For descriptions of header pin functions, please see the [imp003 pin mux](#).

Hardware Design Files (Rev 1.1)

- Schematics
- Gerber Files
- Bill of Materials
- Altium Source Files