



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!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

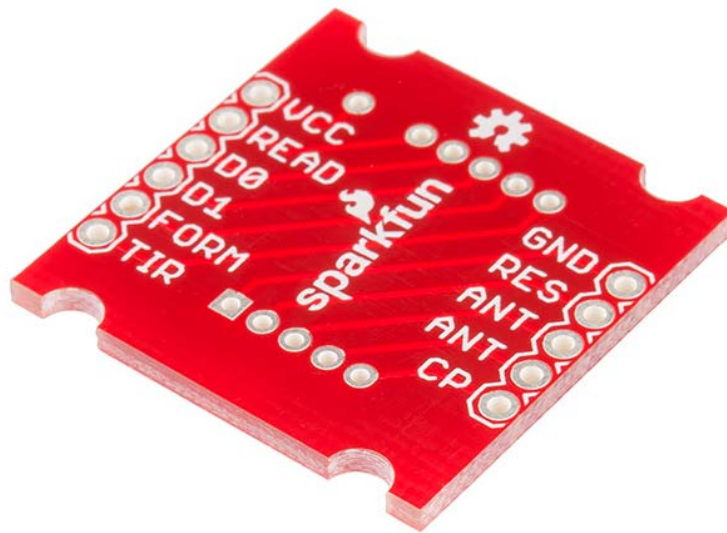
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





# SparkFun RFID Reader Breakout

SEN-13030 RoHS



**Description:** This is a simple breakout board for our RFID readers. The SparkFun RFID Reader Breakout converts the 2mm pins to bread board friendly 0.1" headers. With this ability the ID-3LA, ID-12LA, and the ID-20LA you can solder the reader directly to the breakout board or use the 2mm sockets.

This breakout board's edges actually fit flush within the under side the ID-12LA. The board also works with the ID-20LA, but is smaller than the edges. As stated before each pin of the RFID reader has been broken out including: VCC, READ, D0, D1, FORM, TIR, CP, both ANTs, RES, and GND. We've even added four half-mounting holes to the board to easily secure your project!

**Note:** If you are concerned about soldering this board directly to the RFID reader, you can use 2mm sockets instead. This is due to the RFID being sensitive to heat and should be handled with care or if you would like to switch the readers out as you please.