



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

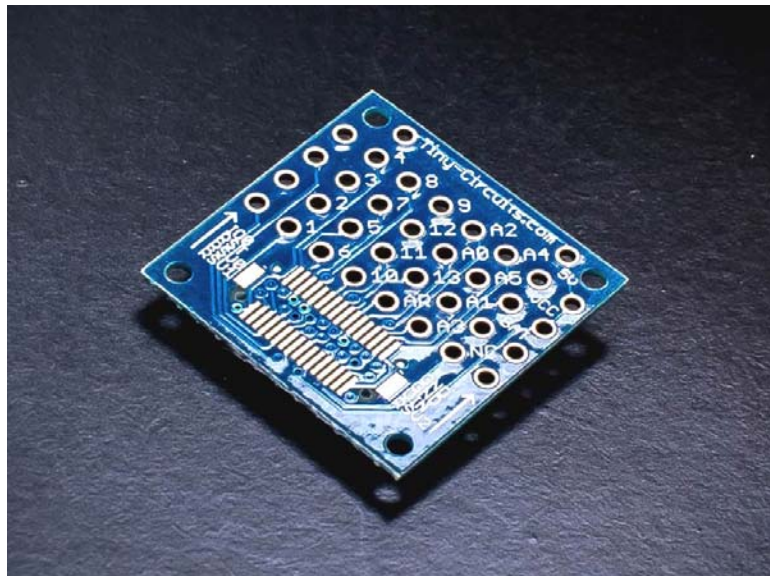
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## PROTO BOARD TINYSHIELD ASD2009-R



## DESCRIPTION

This proto board brings all of the TinyShield signals out to a point that you can solder to. All of the signals are marked and are spaced with 0.1" spacing (same spacing as on the standard Arduino Uno), so a standard 0.1" header can be used if desired.

This proto board can be ordered with or without a **top stackable connector**. By default, a top connector is not needed since the standard method is to use this proto board as the top board in a TinyDuino stack for the easiest access to the signals. However, when this board is ordered with the top stackable connector, it can be an inner layer of the TinyDuino stack (which can be useful in some projects).

**Note:** This TinyShield replaces all of the older style Proto1, Proto2 and Proto3 boards, which have been discontinued.

To learn more about the **TinyDuino Platform**, click [\*here\*](#)

[\*\*https://tinycircuits.com/pages/tinyduino-overview\*\*](https://tinycircuits.com/pages/tinyduino-overview)

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## TECHNICAL DETAILS

### Pins Supported

- All Shield signals supported
- VCC, VBATT, +3V3, +5V, VIN, GND, RSV2, RSV1, RSV0, RESET, 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, SS, MOSI, MISO, SCK, AREF, A0, A1, A2, A3, A4/SDA, A5/SDL

### Dimensions

- 20mm x 20mm (.787 inches x .787 inches)
  - Max Height (No Top Connector): (from lower bottom TinyShield Connector to upper PCB level): 2.81mm (0.111 inches)
  - Max Height (With Top Connector): (from lower bottom TinyShield Connector to upper PCB level): 5.11mm (0.201 inches)
  - Weight (No Top Connector): 0.70 grams
  - Weight (With Top Connector): 0.85 grams
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## NOTES

- When using soldered wires, take care not to allow this to short out to boards above or below in the stack (ie, some pins could short out to the USB connector if the wires are long). If needed, use tape to insulate the solder connections