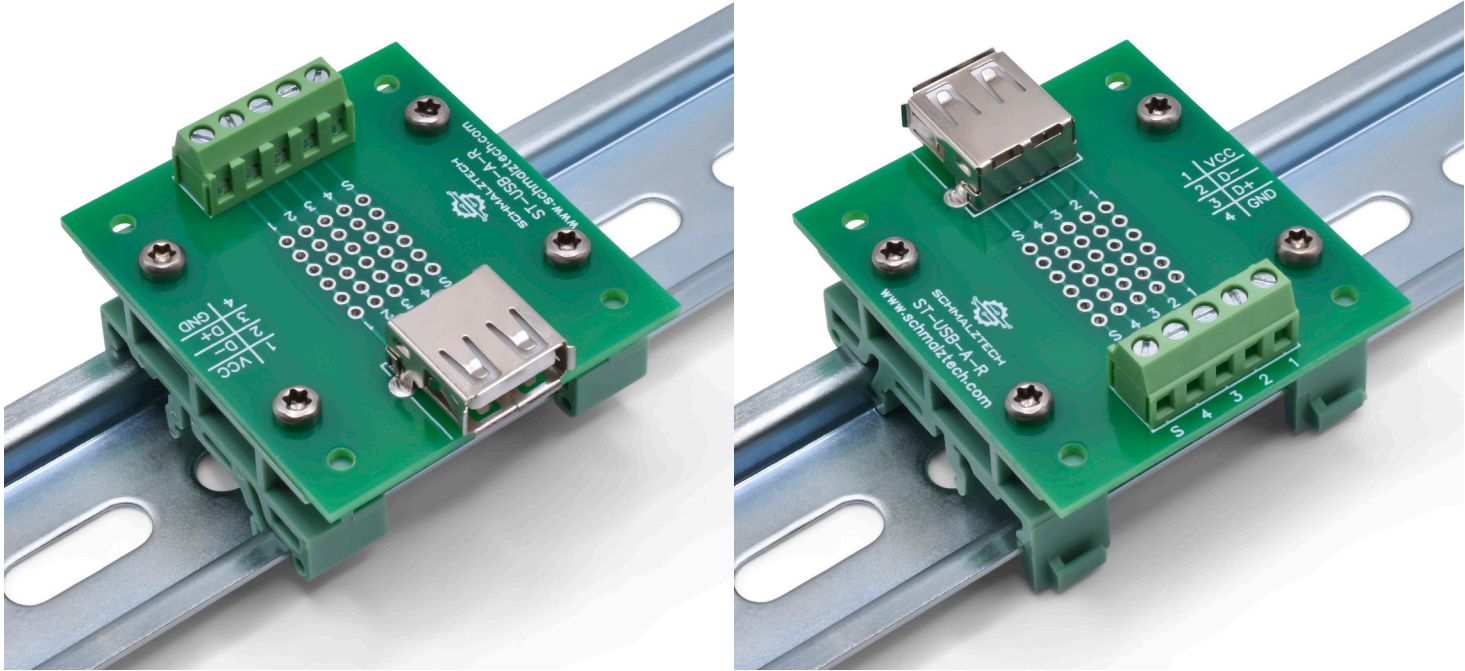


# ST-USB-A-R-DIN

## USB Type A Screw Terminal Breakout Board with DIN Rail Clips



- Breaks out all 4 contacts and shell
- Screw terminals for fast connections
- Prototyping area for in-circuit modifications
- Easy access for probing and debugging
- Easily mounts on 35mm DIN rail

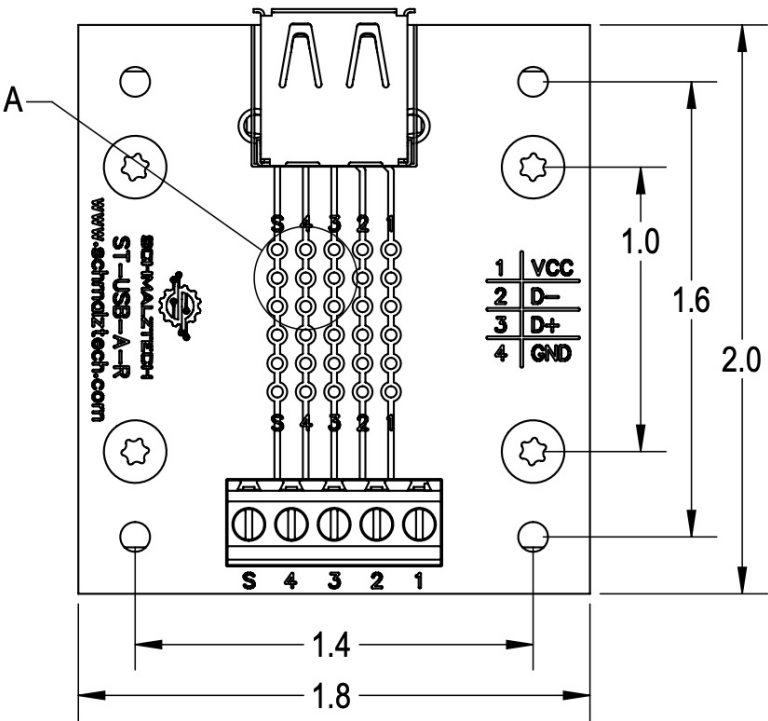
| Specifications        |                |
|-----------------------|----------------|
| Wire Range (stranded) | 16-26 AWG      |
| Wire Range (solid)    | 16-26 AWG      |
| Connector             | USB Type A     |
| PCB Surface Finish    | LF HASL        |
| Temperature Rating    | -15°C to +70°C |

This USB Type A breakout board provides a convenient method of accessing all the contacts of a Type A USB connector. Each of the 4 connections as well as the shell are brought out to a screw terminal for fast and secure termination to wires. This board also features a prototyping area to enable in-circuit modifications as well as easy probing/diagnostics. The prototyping grid has a standard 0.1" pattern to enable compatibility with a variety of components. The DIN clips on this model allow it to be easily used with a 35mm DIN rail system, making this board perfect for industrial applications.

# ST-USB-A-R-DIN

USB Type A Screw Terminal Breakout Board with DIN Rail Clips

## Mechanical Drawings



## Electrical Connections

Each pin of the USB Type A connector is electrically connected to a single row of the prototyping area and to one screw terminal. This board also breaks out the connection to the connector shell, marked as S on the board.



# ST-USB - Ordering Information

ST-USB- \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_

**Form Factor**

BB: Breadboard  
MIN: Mini  
FT: Rubber Feet  
DIN: DIN Rail Mount  
SPR: Spacers and Screws  
E-CHS: Enclosed Chassis Mount  
E-DIN: Enclosed DIN Rail Mount

**Connector**

R: Right Angle  
S: Straight

**Type**

A: USB Type A  
B: USB Type B  
C: USB Type C

## Ordering

To order please visit [www.schmalztech.com](http://www.schmalztech.com) or one of our distributors to quickly place an online order.

Orders may also be placed by email or phone:

Email: [sales@schmalztech.com](mailto:sales@schmalztech.com)

Phone: +1 (844) 399-9213

## Expedited Shipping

If overnight shipping is required please contact us directly so that we can expedite your order. Overnight shipping is provided through UPS and will incur an additional charge

## Custom Designs

Can't find what you need? We can design and produce a custom board to fit your exact needs. Please reach out to us for additional information and pricing.