

Teensy 3.5/3.6 Breakout

(Revision A, DIP-64)

This is a breakout for the Teensy 3.5 and Teensy 3.6 development boards by PJRC. Included are all the pin headers you need to assemble it, a switch to select between USB or external power, and a switch to set the USB host port's power mode (3.6 only). As an option during assembly, you can use the included jumpers (with pin headers) in place of the switches. This breakout can also optionally be assembled with the **Teensy 3.5/3.6 Socket Kit** (available separately).

This **DIP-64 Edition** doesn't break out every single signal, but it does break out all the inaccessible bottom pads and all 18 additional digital GPIO pins. It includes extra-long headers for the interior through-hole pins as well as a right-angle header for the USB data signals and the debug port. The assembly is designed to fit perfectly into a standard 64-pin DIP socket, or it works just as well with a typical full-size solderless breadboard.

Included Parts (a visual part identification sheet is attached)

	Count	Part Type	Pos.	Tech.	Rows	Pins	Mfr.	Part Number/Desc.
A	1	Bare PCB	64	TH	2	32	Tall Dog	DIP-64 REV-A
B	4	Male Header	40	TH	1	40	Generic	Standard
C	3	Male Header	5	TH	1	5	Samtec	TSW-105-09-T-S
D	1	Male Header	7	TH	1	7	Generic	Right Angle
E	1	Male Header	10	SMD	2	5	Generic	Standard
F	1	Male Header	8	SMD	2	4	Generic	Standard
G	1	Male Header	6	SMD	2	3	Generic	Standard
H	4	Pogo Pin	1	TH	1	1	Mill-Max	0906-1-15-20-75-14-11-0
I	2	Slide Switch	3	TH	1	3	Generic	SS12D00G3
J	2	Jumper	2	TH	1	2	Generic	Standard

Detailed Specs

- **Grid Spacing** — 0.1 in (2.54 mm)
- **Board Dimensions** — 3.2 in (81.28 mm) × 1.0 in (25.4 mm)
- **Board Surface Area** — 3.2 in² (20.65 cm²)
- **Board Thickness** — 0.063 in (1.6 mm)
- **Number of Breakout Pins** — 64 pins (2 rows × 32 pins)
- **Row Spacing** — 0.9 in (22.86 mm)

Recommended Tools

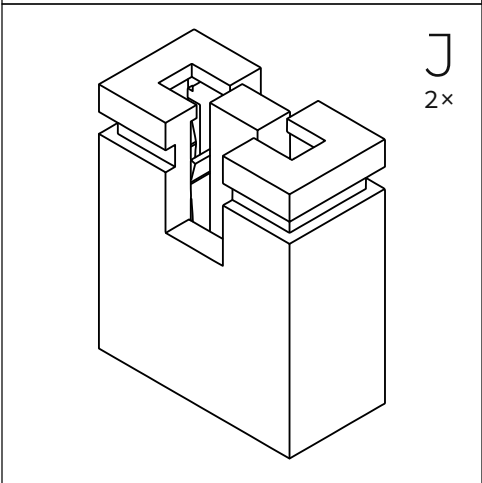
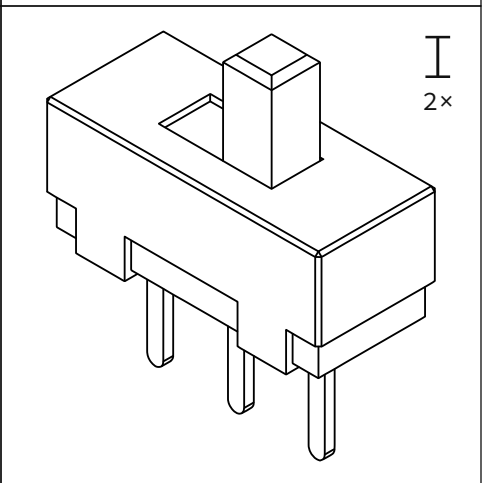
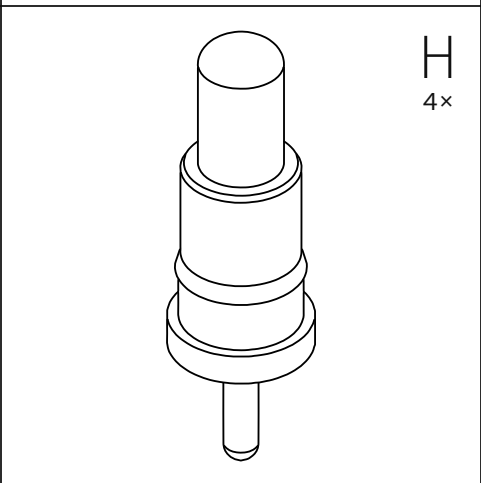
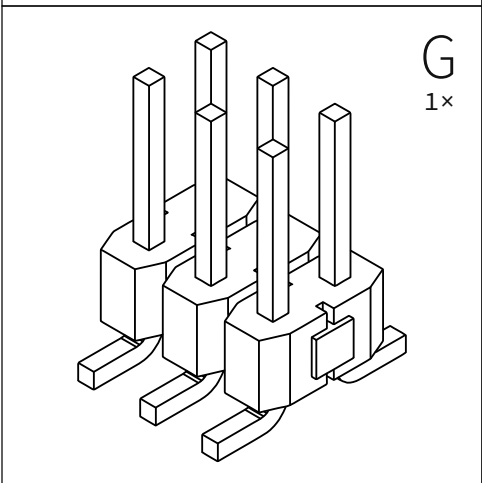
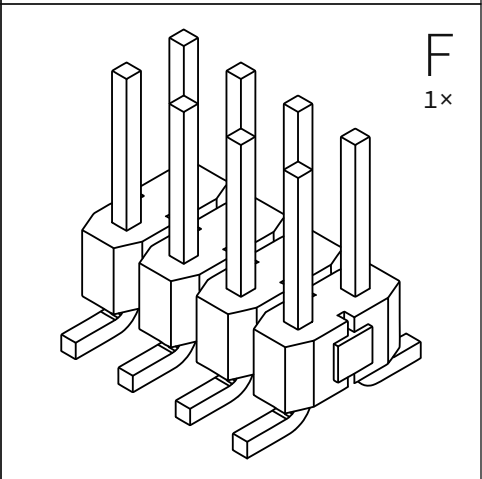
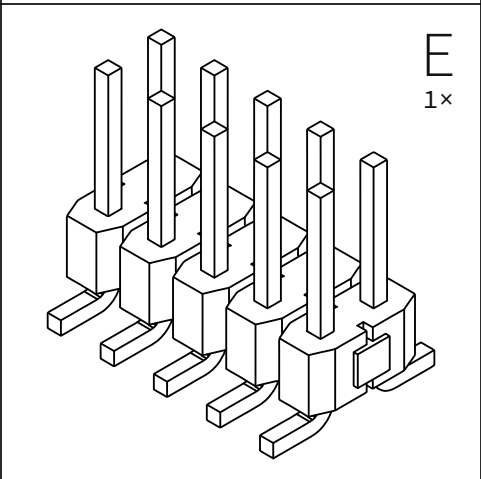
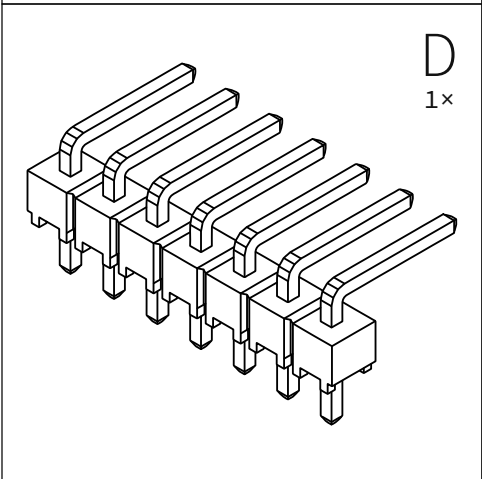
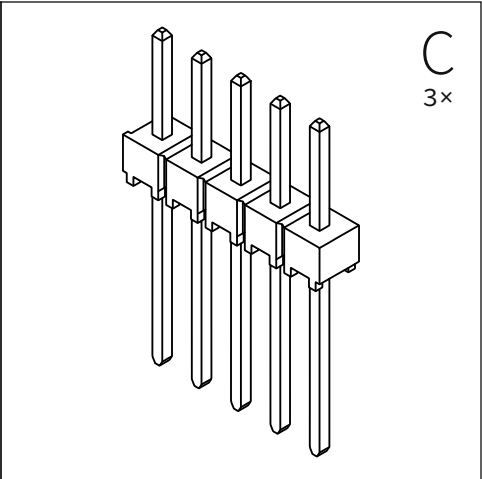
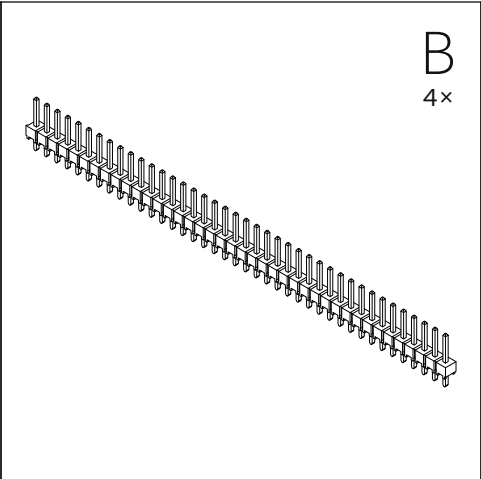
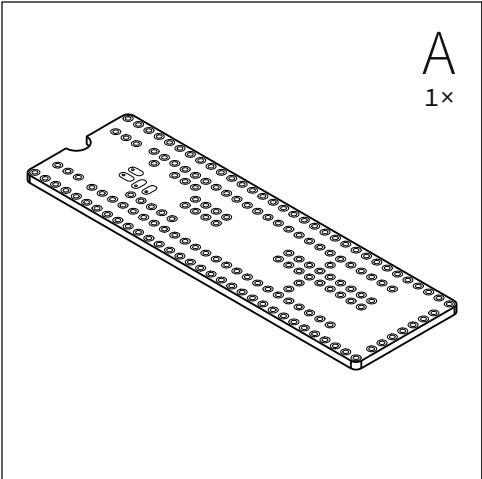
- Soldering iron
- Solder and flux
- Breadboard
- Diagonal cutters
- Blue tape
- Razor blade

Contact Info

Name — Daniel Gilbert

Website — tall-dog.com

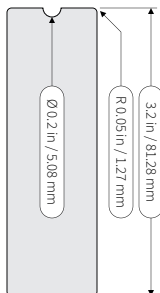
Email — contact@tall-dog.com



Teensy 3.5/3.6 Breakout

DIP-64 Edition

Revision A



Legend

Voltage Pins	Serial Ports	6/6
Ground Pins	I2C Ports	3/4
Digital Pins	SPI Ports	3/3
Analog Pins	CAN Bus Ports	1/2
PWM Pins	Alternate Functions	
Touch Sense Pins	Teensy 3.6 Only	

Teensy by PJRC
pjrc.com

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