# BeagleBone Breadboard order code: 78T1608

The BeagleBone Breadboard is designed to provide a simple but productive prototyping space. This prototyping cape is equipped with a patterned prototyping area, two general-purpose LED's, two tactile switches, one 8-pin female header and two stackable 46-pin connectors. LED's and switches are mapped to an 8-pin header for convenient access. With each purchase including an adhesive solderless breadboard and jumper wire kit (140 pieces in 14 different lengths), the BeagleBone Breadboard offers users a powerful prototyping tool without the needs of soldering.
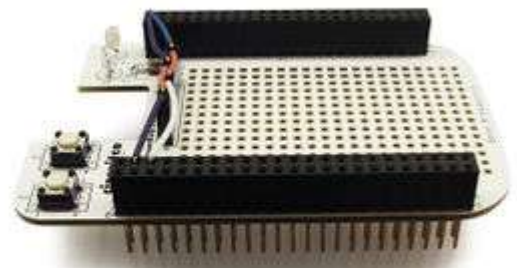
Revision Changes

Revision A1
The only changes made for this revision are silkscreens. The board of this revision should function identically to the previous revision.
Revision A
Initial release of BeagleBone Audio Cape.

Software Support

No software support is required by this board.

Specifications

Followings are some specifications of the BeagleBone Breadboard:

Components

Headers	2x	46-pin stackable
	1x	8-pin female
Resistors	2x	470 Ohm 1/4W 5%
LED's	2x	Green 3mm 20mA 2.12V
Switches	2x	Tactile .05A 24V

Included with each purchase:

Breadboard	1x	Solderless 170 tie point 1.8" x 1.37"
Jumper Wire Kit	140x	14 lengths .1" .2" .3" .4" .5" .6" .7" .8" .9" 1" 2" 3" 4" 5"
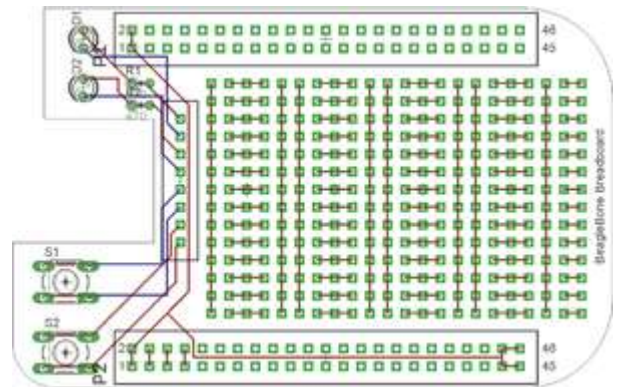
Prototyping Area
The solder prototyping area on the BeagleBone Breadboard is patterned into rows and columns of connections. At the center of the cape are multiple 3-connection rows separated by 14-connection columns. The far right end of the cape features a series of 2-connection rows. Users can utilized these rows for extra connectors. The adhesive solderless breadboard features 34 five-connection rows split equally into two sides. The bottom of this breadboard can be peeled and attached onto the solder prototyping area of the BeagleBone Breadboard. In addition to two 46-pin connectors and an 8-pin header, the solderless breadboard provides a complete solderless solution for prototyping BeagleBone.

Mechanical Specifications

Size	2.15" x 3.40"
Layers	2
PCB Thickness	.062"
RoHS Compliant	Yes