

# CircuitCo:Basic Proto Cape

## Descriptions

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The Basic Proto Cape is designed to break out 26 signals from the expansion headers of the BeagleBone Black including GPIO, I2C, SPI, UART, PWM, analog inputs, +5V, +3V3, and +1.8V (analog). These signals can be accessed via a 26-pin male header.

## Software Support & Compatibility

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All revisions are compatible with BeagleBone and BeagleBone Black.

There is a device tree overlay associated with this cape and can be loaded by follow:

```
echo "cape-bone-proto" > /sys/devices/bone_capemgr.*/slots
```

To have the device tree file loaded on startup:

```
sudo sh -c "echo CAPE=cape-bone-proto >> /etc/default/capemgr"
```

Then reboot the system.

## Specifications

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Followings are some specifications of the Basic Proto Cape:

### Mechanical Specifications

Size	2.15" x 2.825"
Layers	2
PCB Thickness	.062"
RoHS Compliant	Yes

