Basic Proto Cape

Descriptions

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

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

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