Top of all pictures is aligned with top of board

Xbee Pins

* Pin 1: GND to regulator ( 2 x 4 header)
* Pin 10: 3V3 to regulator (2 x 4 header)
* Pin 2: Rx to BeagleBone’s Tx
* Pin 3: Tx to BeagleBone’s Rx
* Pin 12: CTS (optional)
* Pin 16: RTS (optional)

Shape, rectangle

Description automatically generated

(Top in picture is end with antenna)

Pressure Sensor Pins

* Pin 1: GND from regulator
* Pin 2: 3V3 from regulator
* Pin 3: SDA
* Pin 4: SCL

Shape

Description automatically generated

Magnetometer Pins

* Pin 1: 3V3 from regulator
* Pin 3: GND from regulator
* Pin 4: SCL
* Pin 5: SDA

Graphical user interface

Description automatically generated with low confidence

2 x 3 Header Pins

* Pin 2: Tx from Teensy to BeagleBone Rx
* Pin 4: Rx from Teensy to BeagleBone Tx
* Pin 3: GPIO between Teensy and BeagleBone
* Pin 5: 3V3 from BeagleBone
* Pin 6: GND from BeagleBone

Application

Description automatically generated

2 x 4 Header Pins

* Pin 1: Tx from Xbee to BeagleBone’s Rx
* Pin 2: Rx from Xbee to BeagleBone’s Tx
* Pin 3: CTS from Xbee
* Pin 4: RTS from Xbee
* Pin 5: SCL
* Pin 6: SDA
* Pin 7: 3V3 from regulator—BeagleBone is NOT power source for three sensors above
* Pin 8: GND from regulator

A picture containing icon

Description automatically generated