

Tarts Wireless Gateway Cape for BeagleBone Black

General Description

The Tarts gateway cape for BeagleBone Black is an RF transceiver that listens to RF communications from the Tarts line of battery powered, wireless sensors. Data from the sensors are captured in the cape and can be extracted to BeagleBone Black. Use the flexibility of customization offered by BeagleBone Black products to monitor your environment.


Cape Compatibility

- BeagleBone Black

Features

- Support up to 100 Tarts wireless sensors per gateway cape.
- FCC, IC and CE certified.

Tarts Wireless Gateway Shield for Arduino Specifications

Radio Bands available:	900 MHz, 868 MHz, 433 MHz (exclusive on each device)
Communication Interface:	UART
BeagleBone Platform Compatibility:	Black
Dimensions:	2.1" x 2.3"
Power:	BB: 80mA on 5V-SYS, 0mA from 5V-REG or 3.3V
Antenna:	Right Angle Whip, Gain: 3 dBi Connector: RPSMA
LED Indicators	Activity and Power
Sensors Supported	Up to 100 Tarts wireless sensors per gateway cape
Operating Temperature	-40° to +85° C (-40° to +185° F)
Certifications:	 <p>900 MHz product; FCC ID: ZTL- RFSC1 and IC: 9794A-RFSC1. 868 and 433 MHz product tested and found to comply with: CISPR 22:2008-09 / EN 55022:2010 - Class B and ETSI EN 300 220-2 V2.4.1 (2012-05).</p>

For more product information or to place an order visit us on the web at www.tartssensors.com.
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