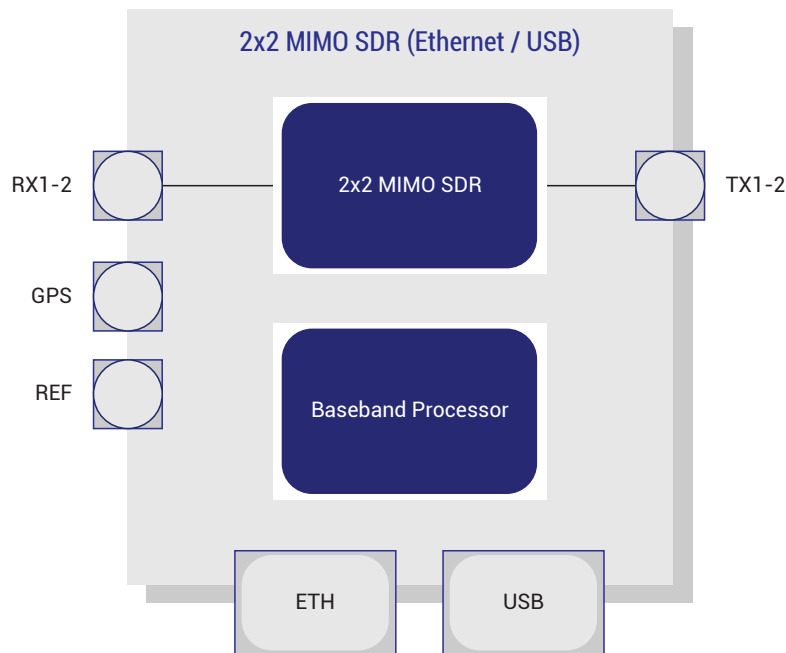


## CIELO™ 2x2 MIMO SDR Ethernet / USB Device (T1)

### PRODUCT OVERVIEW

As part of our CIELO™ Software Defined Radio (SDR) family of products, Syncopated is offering the T1 2x2 MIMO SDR Ethernet / USB device, which provides full-duplex wideband operation over a RF frequency range of 70MHz to 6GHz, with channel bandwidths up to 54MHz. Our device includes GPS disciplined oscillators enabling improved frequency and timing accuracy, and the ability to create synchronized multi-device configurations. Device-to-host communications is provided via Ethernet or USB including support for VITA49 to enable remote transceiver operations.



### USE CASES

- Embedded Radio Applications
- Distributed Wireless Sensors Networks / Collaborative Sensing
- Ad-Hoc Wireless Networking
- Massive MIMO

### INTELLECTUAL PROPERTY CORES AND SOFTWARE

Syncopated IP optimized for our SDR platforms include wireless communications, signal processing, direction finding, spectral sensing and waveform recognition.

### ABOUT SYNCOPATED

Syncopated Products is a creative provider of custom products and solutions for Software Defined Radio (SDR) and hardware acceleration. Our solutions enable you to start further down the development path, reducing time-to-market and allowing you to focus on your innovative solution. Unlike large vendors, customization of our products for your specific needs is embraced not discouraged.

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