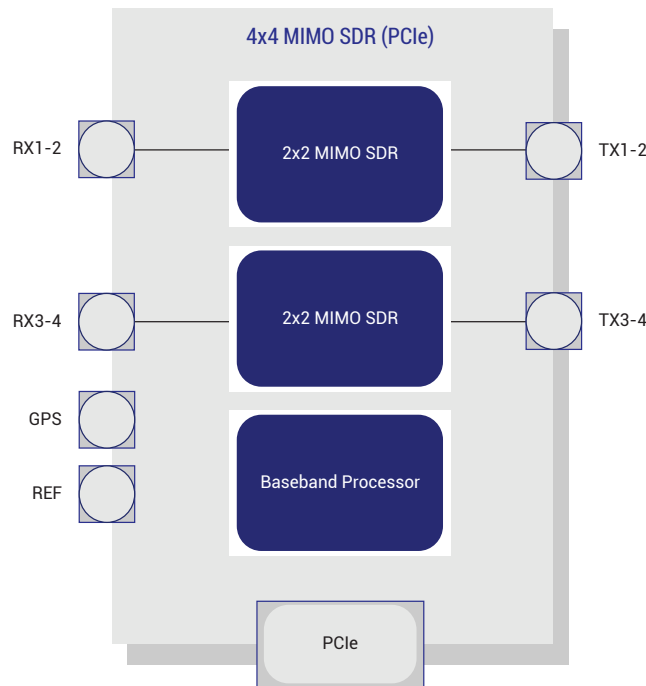


CIELO™ 4x4 MIMO SDR PCIe Device (N1)

PRODUCT OVERVIEW

As part of our CIELO™ Software Defined Radio (SDR) family of products, Syncopated is offering the N1 4X4 MIMO SDR PCIe device, which provides full-duplex wideband operation over a RF frequency range of 70MHz to 6GHz, with channel bandwidths up to 54 MHz. MIMO support includes 2x2 or 4x4 MIMO capability on a single card. 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 PCIe including support for VITA49 to enable remote transceiver operations.



USE CASES

- Server-Based Cognitive Radio Node with Web-based Remote Control and Data Transport
- Distributed Antenna Systems (DAS)
- Massive MIMO
- Wideband Beamforming

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.

For Sales, please contact: Sales@SyncopatedProducts.com

For Support, please contact: Info@SyncopatedProducts.com