

Global IP Core Announces the Availability of The WiMAX IEEE802.16e Modem and FEC IP Core For Licensing and Integration

September 13, 2022 - Global IP Core Sales - The new WiMAX IEEE802.16e Modem and FEC IP Core is designed to be used along with an RF tuner, and ADC/ DAC converters. The system has internal state machine to control the operation, and can be externally configured through the SPI interface.



Global IP Core Sales®

The WiMAX IEEE802.16e Modem and FEC supports features such as: OFDMA 128, 512, 1024, 2048 FFT sizes, it also supports BPSK, QPSK, QAM16, QAM64. At the same time the IP Core provides error correction: for convolutional code (CC) and is efficient and customizable to FFT/ IFFT Core. Nonetheless, the IP Core synchronization system is capable of all forms of synchronization (time and frequency).

Additional features include:

- Can be customized to suit customer's needs
- Efficient and customizable Robust Channel Estimation Algorithm
- Supports IF input and can be customized to suit customer's needs and is efficient and customizable

Related IP Core (FEC) Products:

IEEE802.11n/ac/ax Wi-Fi LDPC Encoder and Decoder

MIMO MMSE Decoder

Please contact us for more information at info@global-ipc.com or check out our product portfolio at www.global-ipc.com

About Global IP Core Sales:

Global IP Core Sales® was founded in 2021 and provides state-of-the-art IP Cores for the Semiconductor market. The majority of our products are silicon proven and can be seamlessly implemented into FPGA and ASIC technologies. Global IP Core Sales® will assist you with your IP Core and integration needs. Our mission is to grow your bottom line.