

For Immediate Release

Anokiwave Announces the Full Commercial Release of its 3rd Generation of 5G mmW IC Family

Years of dedicated mmW design experience, multiple generations of learning and a strong turnkey partnership with industry leader GLOBALFOUNDRIES have made Anokiwave the trusted provider of mmW Silicon ICs for 5G commercial deployments.

San Diego, CA, 25 February 2020: Anokiwave, Inc., a leader in providing highly integrated IC solutions for mmW markets and a trusted choice of Tier-1 and -2 OEMs, announces the commercial high-volume availability of the industry's most advanced and complete portfolio of Silicon ICs for mmW 5G. The latest generation brings a complete RF signal chain solution for all mmW bands in play – 24/26 GHz, 28 GHz, and 37/39 GHz - to the market while providing extensive functionality that simplifies the active antenna array design. The scalable architecture underpinning the mmW 5G IC family supports everything from mmW 5G macro-cells to small-cells to customer premises equipment (CPE) with a scalable architecture that supports each use case.



Focusing on the innovation that allows ICs to span the 5G use case spectrum with intelligent array solutions while our partner GLOBALFOUNDRIES provides the strength in full turnkey production and mmW test capabilities, Anokiwave has enabled the model of handset technology high volume manufacturing for all 5G use cases.

“By harnessing the appropriate level of integration, three generations of active antenna IC learning, and cost structures only available on 300 mm diameter silicon processes, we have enabled total ownership for base-stations and small cells that resemble Wi-Fi access points,” states David Corman, Anokiwave Chief Systems Engineer. “Anokiwave ICs deliver the maximum number of options for performance, cost, and functionality for mmW 5G.”

“The commercial availability of Anokiwave’s mmW IC portfolio is an important step in making 5G connectivity a reality,” said Peter Rabbeni, vice president, Mobile and Wireless Infrastructure at GLOBALFOUNDRIES. “Building on GLOBALFOUNDRIES RF leadership, our differentiated RF SOI solutions provide the optimal combination of performance, integration, and power efficiency, and our turnkey services enable our clients such as Anokiwave to bring innovative 5G network architecture products to market quickly, enabling a host of new consumer, industrial, and automotive applications. Realizing the power of 5G will not happen without the specialty solutions that GF delivers.”

The ICs are each packaged in a small WLCSP (wafer level chip scale package), easily fitting within the small lattice spacings at mmW. Anokiwave offers evaluation kits for ease of adoption of the technology and capabilities. The kits include boards with the IC, USB-SPI interface module with drivers, and all required cables.

About Anokiwave:

Anokiwave is a cutting-edge provider of highly integrated IC solutions that enable emerging mmW markets and Active Antenna based solutions. Anokiwave’s creative system architectures and optimal selection of semiconductor technologies solve the toughest engineering problems.

Anokiwave operates design centers in San Diego, CA, Austin, TX, and Boston MA, with sales offices in Taipei, Taiwan, Boston, MA, and San Diego CA. Additional information can be found at www.anokiwave.com.

Press Contact: Amy Corman
amy.corman@anokiwave.com