

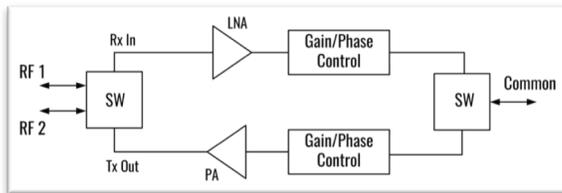
## For Immediate Release

### Millimeter-Wave Intelligent Gain Blocks™ Anokiwave Introduces a New Family of Single Channel Versatile Silicon ICs

*Anokiwave is introducing its first Intelligent Gain Block™ ICs in a new family of mmWave multi-market solutions*

**San Diego, CA, 17 April, 2018:** Anokiwave is redefining traditional single function gain blocks with its new family of multi-function microwave and millimeter-wave Silicon ICs, offering complete transmit/receive functionality with active gain and phase control. The new IC family offers versatile RF blocks that can be used in wide range of applications including SATCOM, RADAR, 5G communications, and sensing.

The AWMF-0117 and AWMF-0116 provide a PA, LNA, 6-bit gain and phase control and a T/R switch, all integrated into single IC in Ku and Ka-bands. The AWMF-0117 operates from 10.5 GHz to 16.0 GHz providing +12 dBm power output during transmit and 3.0 dB noise figure during receive. The AWMF-0116



operates from 26.0 GHz to 30.0 GHz with +12 dBm of power output during transmit and 6.0 dB noise figure during receive. Both ICs provide 31.5 dB of dynamic range and are packaged in a 2.5 mm x 2.5 mm WLCSP.



“Silicon technology allows integration of multiple RF functions into one IC for a very small form factor and low price,” states Abhishek Kapoor, Anokiwave Associate VP of Business Development. “With these new ICs, designers can now use the same IC for multiple functions across the RF signal chain, have increased control using a software interface, and provide equivalent or better performance than traditional discrete GaAs ICs. We see these as the versatile new intelligent gain blocks of the microwave and millimeter-wave world.”

#### Availability:

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. Pilot production deliveries are available now.

#### About Anokiwave:

Anokiwave is a leading provider of highly integrated IC solutions for communications and RADAR applications that require millimeter wave Active Antenna based solutions. Anokiwave’s creative system architectures and optimal selection of semiconductor technologies solve the toughest engineering problems.

Anokiwave is based in San Diego, California and operates design centers in Phoenix, Arizona and Boston, Massachusetts. Additional information can be found at [www.anokiwave.com](http://www.anokiwave.com).

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