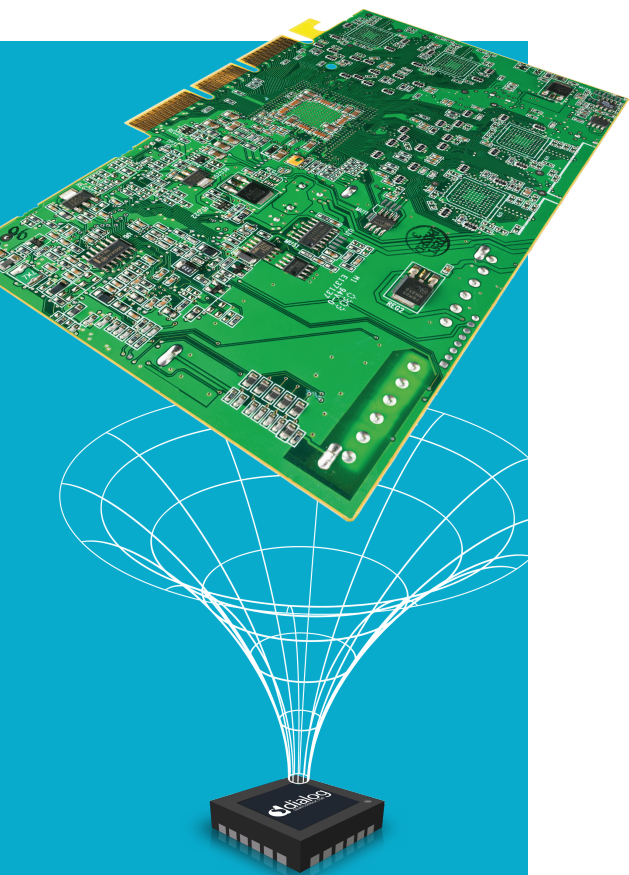
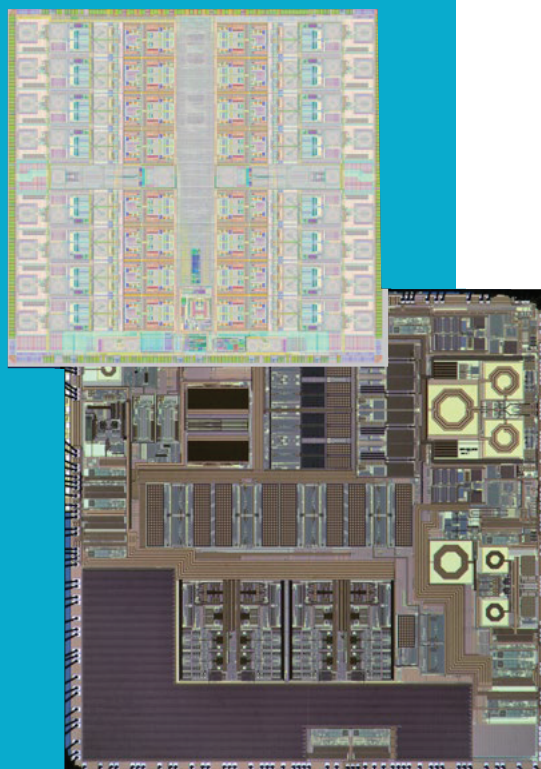


# RF SYSTEMS ON CHIP

Using standard CMOS technology

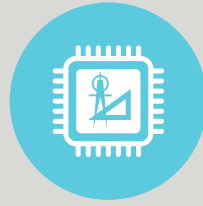


- RF CMOS integration from VHF to mmWave
- Complete "antenna to bits" solution
- Complete system line-ups, from baseband to converters to RF FEMs
- Advanced digital beam forming giving lower power solutions in a single chip
- SAW-less, discrete-time filtering solutions
- ADCs and DACs from Msp/s to Gsp/s





BOM analysis



IC Architects

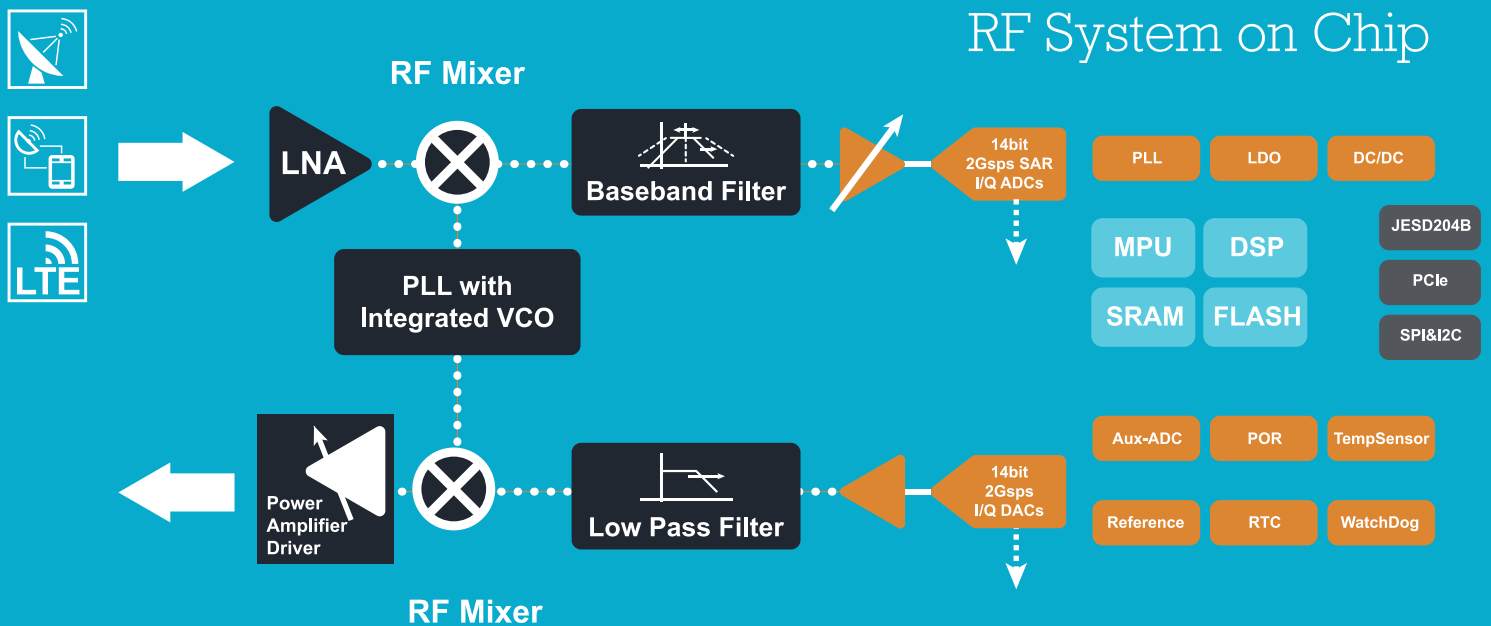


Right First Time

We design, develop and supply custom ASICs that ensure seamless integration of analog and digital subsystems within your wireless communications systems.

Decades of RF design experience, coupled with silicon proven mixed-signal IP, mean fast, cost effective chip development and assured performance for your application

- Up to 75% less PCB area and power
- Up to 80% less BOM cost



For satellite, Industrial IoT and high frequency communications

- Satellite: VHF to Ka Band
- Satellite + Industrial IoT; L-Band + NB IoT
- Satellite Backhaul
- mmWave: Digital Beamforming
- mmWave: Tuneable digital architecture

[www.dialog-semiconductor.com](http://www.dialog-semiconductor.com)

e-mail: [info-asic@diasemi.com](mailto:info-asic@diasemi.com)

Copyright © 2021 Dialog Semiconductor. All rights reserved.