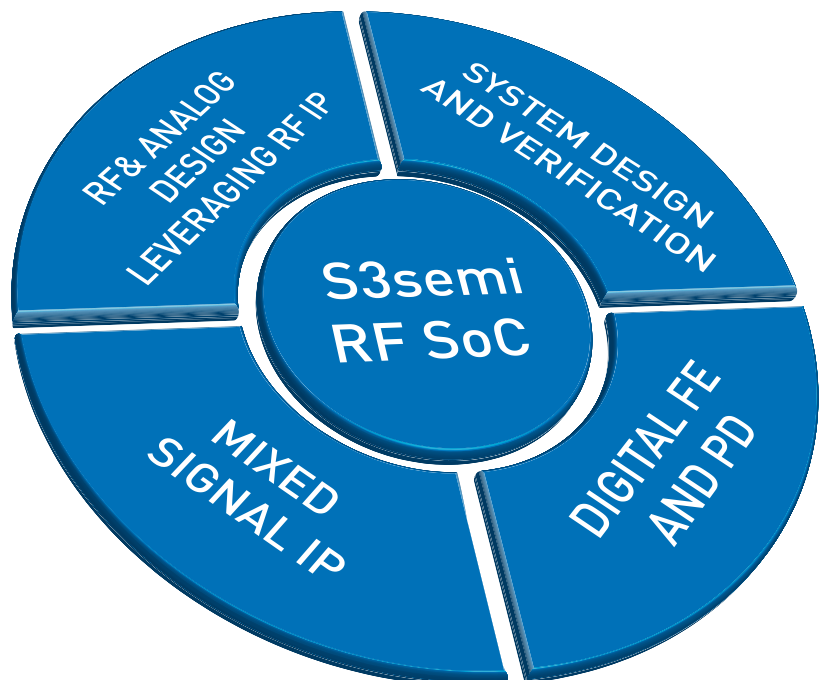
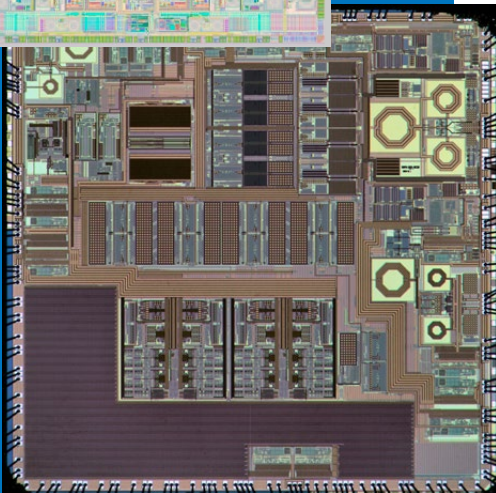
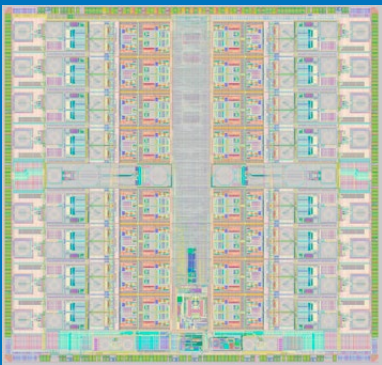


RF Systems on Chip

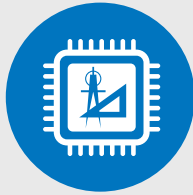
- using standard CMOS technology

- Integrating proven RF and Mixed Signal IP to develop RF Systems on Chip from VHF to millimeter Wave
- Developing on-chip calibration techniques for digitally assisted analog & RF
- Leveraging CPU and digital accelerator IP, DSP including DPD, CPU, Digital Front End and Physical design integration expertise
- LNA, Mixer, PA and PLL Synthesizer IP
- ADCs and DACs from Msps to Gsps





BOM analysis



IC Architects

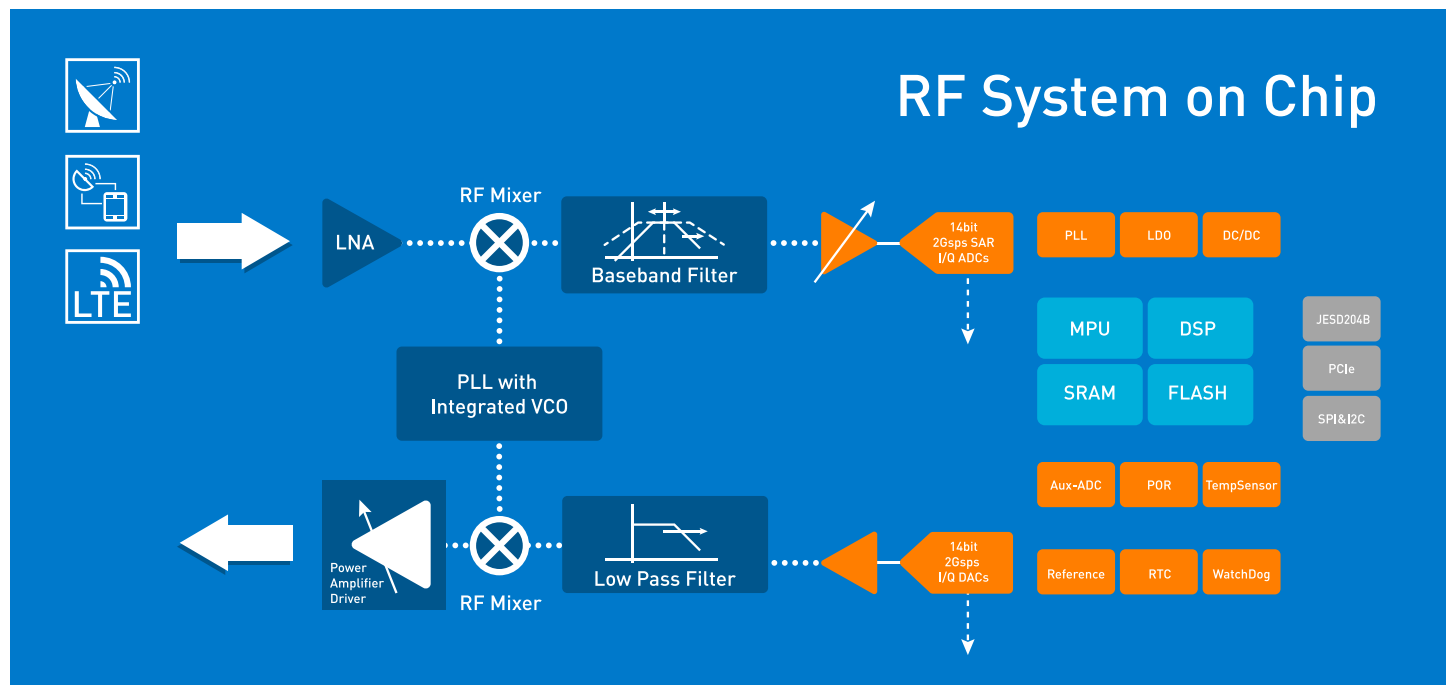


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Decades of RF design experience, coupled with silicon proven mixed-signal IP, mean fast, cost effective chip development and assured performance for your application

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- Up to 80% less BOM cost



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

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S3 Semiconductors is a wholly owned division of Adesto. S3 Semiconductors designs advanced mixed signal chips and manages every aspect of supplying production devices to its customers using some of the world's most advanced semiconductor production facilities. With more than 20 years' experience designing advanced analog and digital circuitry for hundreds of customers in every major region, S3 Semiconductors is a design-centric semiconductor supplier capable of optimizing its designs for every customer, yet achieving cost economies not thought possible with custom chip designs until now.

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