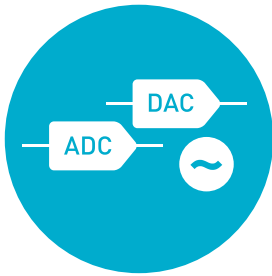


# MIXED-SIGNAL & RF IP

World class silicon proven IP

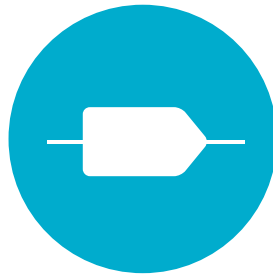


## Top Ranked Mixed-Signal IP Provider



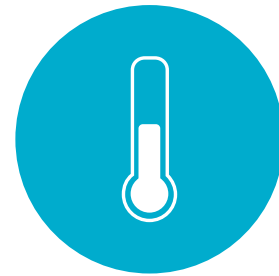
### AFE

Analog-Front-End IP optimized for targeted applications such as 802.11ax/ah, LTE-A, G.Fast. Comprising data-converters, PLLs, and auxiliary circuitry.



### Data Converters

Ultra-efficient, ultra-small for high precision sensing or wide-band high-speed communications.



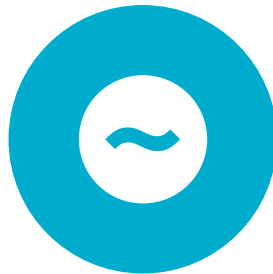
### Temp Sensors

Embedded sensor IP for real-time precision temperature sensing for SoC performance optimization & characterization.



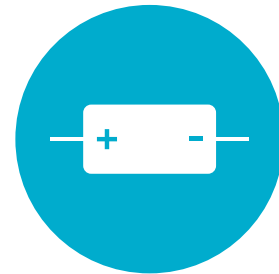
### RF

From antenna to bits, silicon-proven RF building blocks including PAs, LNAs, mixers, VGAs and DPD algorithms targeting NB and WB communications.



### Clock IP

Versatile programmable PLLs with low jitter, low power.



### Power & References

Customizable PMIC solution in addition to a comprehensive portfolio of linear and switch-mode regulators, POR and reference circuitry.

## Application areas

- 5G, LTE-A, 802.11ax, Wi-Fi 6E
- G.Fast, PLC
- NB-IoT, 802.11ah
- GPS, GNSS
- ADAS, imaging, video, photonics
- Precision sensing & control