



#1 Ranked

Mixed-Signal IP Provider



AFE

Analog-Front-End IP optimised for targeted applications such as 802.11ac/ax, LTE-A, G.Fast. It comprises of 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 optimisation & characterisation.



RF

From antenna to bits, silicon proven RF building blocks from PA's to LNA's, to Mixers, to VGA's, to DPD algorithms targeting NB and WB communications.



Clock IP

Versatile programmable PLLs with low jitter, low power.



Power & References

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

Application Areas

- 5G, LTE-A, 802.11ac/ax
- ADAS, Imaging
- G.Fast, PLC
- Precision Sensing
- NB-IoT, 802.11ah
- Control

<http://www.s3semi.com/silicon-ip/>

About S3 Semiconductors

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 new breed of 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. We also license our silicon IP to customers that develop their own chips. S3 Semiconductors has its headquarters in Dublin, Ireland, with offices in the US, Portugal, the Czech Republic, along with representatives worldwide .

For further information please visit

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