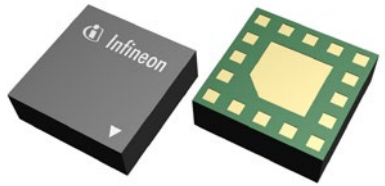
RF cross switches

Select and swap to the best performing antenna for optimized system efficiency



RF cross switches

– High performance family of RF switches ideal for antenna swapping and efficient RF signal routing for power efficient wireless systems

Target applications

– Mobile devices, tablets, laptops
– CPE, 5G routers
– M2M / IoT modules

Features

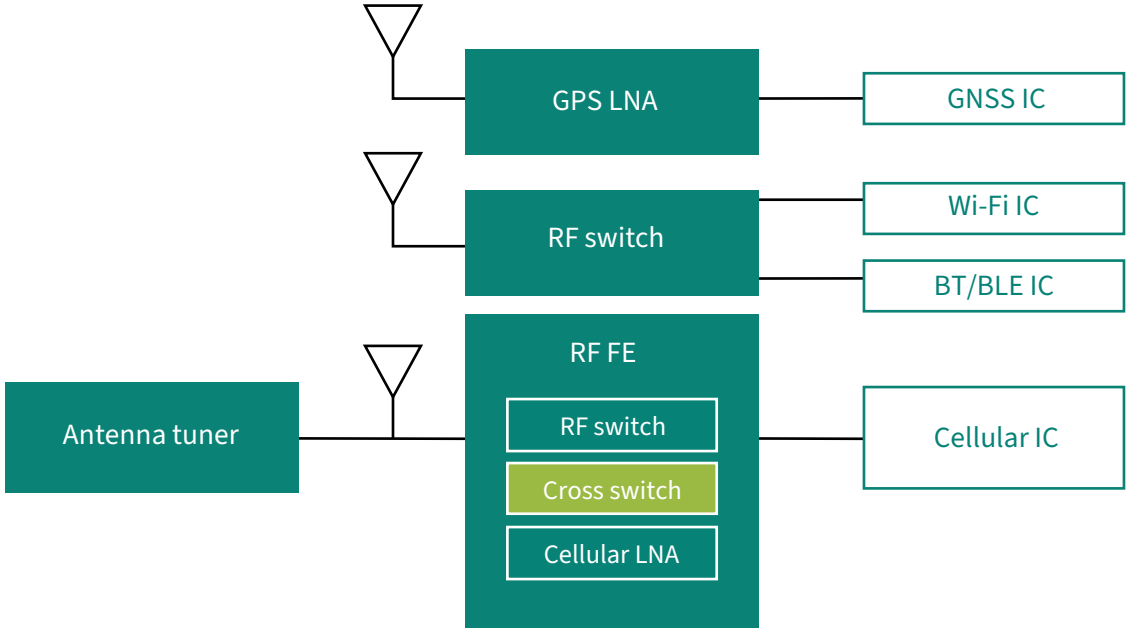
– Up to sub-7.125 GHz specified
– Fast switching speed
– Best-in-class insertion loss performance
– High RF power-handling capability
– Flexible supply voltage support 1.2V / 1.8V
– MIPI and GPIO variants
– Software and hardware programmable

Benefits

– Efficient use of frequency through antenna swapping and dynamic signal routing
– Higher power efficiency
– Improved antenna performance and signal reception
– Increase data rates
– BOM savings



Block diagram



Useful links

RF cross switch portfolio
RF product selection guide