

All LTE Radios, in One Chip

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22. February 2013

Qualcomm offers mobile device makers a solution for cellular radio frequency band fragmentation with the RF360 Front End Solution-- a chip family allowing OEMs to build just a single phone able to work with every network (all 40+ of them!) in the world.



According to the company with RF360 chips OEMs can create multiband, multimode mobile devices supporting all 7 cellular modes (LTE-FDD, LTE-TDD, WCDMA, EV-DO, CDMA 1x, TD-SCDMA and GSM/EDGE) with reduced power consumptions, improved radio performance and and smaller RF front end footprint inside the device in question.

The Front End Solution also packs an envelope power tracker for 3G/4G LTE mobile devices (an industry first, Qualcomm claims), a dynamic antenna matching tuner, an integrated power amplifier-antenna switch and a 3D-RF packaging solution incorporating key front end components.

Without such a solution vendors are forced to release multiple versions of LTE phones in order to cover every carrier in every country or territory (explaining why x3 versions of the iPhone 5 exist).

Qualcomm expects OEMs will start selling products using the RF360 Solution from H2 2013.

Go [Qualcomm RF360 Front End Solution Enables Single, Global LTE Design](#)