

**Tunable RF Components And Circuits:  
Applications In Mobile Handsets  
(Devices, Circuits, And Systems)**



The exemplary tunable broadband antenna matching circuits Variable positive components placed in NIC circuit Paratek Microwave, Inc. Tunable microwave devices

<http://www.google.com/patents/US20130187826>

Program. Call for Papers Tunable and Reconfigurable Circuits/Systems Analog/Digital/Mixed RF circuits RFID Devices/Systems/Applications

<http://www.comcas.org/Program/CallforPapers.aspx>

It is only a matter of time before the number of RF MEMS devices delivered tunable RF MEMS filters and applications using RF MEMS ICs at about \$

<http://mwrfl.com/active-components/rf-mems-switches-are-primed-mass-market-applications>

ON Semiconductor has introduced a new family of tunable RF components Heterogeneous Integration for Revolutionary Microwave Circuits at DARPA. Featured 40 GHz SOI

<http://www.microwavejournal.com/articles/19334>

In the News | Archive: One Radio' Vision of Mobile Future: Pioneer in tunable RF technology and manufactures RF-CMOS integrated circuits and components for

[http://www.wispry.com/newsmedia\\_news\\_click.php?id=158](http://www.wispry.com/newsmedia_news_click.php?id=158)

a comprehensive review of the state of the art in tunable RF for mobile handsets. Tunable RF Components and Circuits Series: Devices, Circuits, and Systems.

<http://www.sponpress.com/books/details/9781498718899/>

Tunable RF Components and Circuits Applications in the art in tunable RF for mobile handsets. Tunable and Adaptive Antenna Systems

<http://www.bokus.com/bok/9781498718899/tunable-rf-components-and-circuits-applications-in-mobile-handsets/>

Mar 04, 2013 ON Semiconductor Launches Tunable RF Components Tunable RF Components allow smaller of low insertion loss Passive Tunable Integrated Circuits

<http://www.fool.com/investing/businesswire/2013/03/05/on-semiconductor-launches-tunable-rf-components-fo.aspx>

Devices, Circuits, and Systems Tunable RF Components and Circuits: provides a comprehensive review of the state of the art in tunable RF for mobile handsets.

<https://www.crcpress.com/browse/series/crcdevcircsys>

Overview of Optenni Lab. for solving all matching problems in the RF chain within wireless devices. Optenni Lab can applications. Tunable

<https://www.optenni.com/optenni-lab/overview>

Tunable circuits and devices-related The IEEE MTT-S International Microwave to passives and actives components to system over a wide range of

<http://technav.ieee.org/tag/9357/tunable-circuits-and-devices>

RF MEMS and Tunable Circuits. are an attractive alternative to solid state technologies for the realization of RF switches and tunable components since it

<http://rfmicrotech.com/products-smart-solutions/rf-mems-and-tunable-circuits/>

These tunable capacitive circuits are intended for use in mobile phones and dedicated RF tuning applications. Passive Tunable Integrated Circuit

<http://www.onsemi.com/PowerSolutions/product.do?id=TCC-103>

Voltage Tunable RF Integrated Multiferroic Inductors with FeGaB/Al<sub>2</sub>O<sub>3</sub> Multilayer Films. Abstract. As one of the three fundamental components for electronic circuits,

<http://www.northeastern.edu/rise/presentations/voltage-tunable-rf-integrated-multiferroic-inductors-with-fegabal2o3-multilayer-films/>

In radio-frequency end in which adaptive components such as tunable/switchable application in frequency-tuning circuits such as a tunable

[http://iopscience.iop.org/0960-1317/16/3/016/pdf/jmm6\\_3\\_016.pdf](http://iopscience.iop.org/0960-1317/16/3/016/pdf/jmm6_3_016.pdf)

Design applications for the new DTC devices range from tunable handset and mobile TV applications. radio frequency integrated circuits,

<http://eecatalog.com/rf-microwave/2011/06/09/peregrine-semiconductor-unveils-digitally-tunable-capacitors/>

Tunable RF Components allow smaller volume antennas, reduced power consumption and support increasing mobile data demands in the latest generation of smartphones

<http://news.thomasnet.com/fullstory/tunable-rf-components-support-mobile-data-demands-20004436>

the leader in tunable radio frequency generation of mobile phones and media devices offering CMOS integrated circuits and components for

<http://www.businesswire.com/news/home/20101116005579/en/WiSpry%E2%80%99s-Tunable-RF-Technology-Tackles-Antenna-Performance>

Components, Circuits, Devices & Systems; RF MEMS tunable capacitor applications; Micromechanical devices; Mobile antennas; Mobile handsets;

[http://ieeexplore.ieee.org/xpl/abstractKeywords.jsp?reload=true&arnumber=5667298&sortType%3Dasc\\_p\\_Sequence%26filter%3DAND%28p\\_IS\\_Number%3A5667273%29%26pageNumber%3D3%26rowsPerPage%3D75](http://ieeexplore.ieee.org/xpl/abstractKeywords.jsp?reload=true&arnumber=5667298&sortType%3Dasc_p_Sequence%26filter%3DAND%28p_IS_Number%3A5667273%29%26pageNumber%3D3%26rowsPerPage%3D75)

- a fully customizable MATLAB RF Circuit suite/library Antenna Tuning in Mobile Handsets," Proceedings of on Si Monolithic ICs in RF Systems,

<http://web.ics.purdue.edu/~wnallen/>

Introduction . The Mobile Handset Market . Evolution of Handset RF Front End Architectures. What is Tunable RF? Tunable RF Market Snapshot. Tunable RF Component and <https://www.crcpress.com/Tunable-RF-Components-and-Circuits-Applications-in-Mobile-Handsets/Hilbert/9781498718899>

Monolithic Microwave Integrated Circuit simulation and characterisation of devices and circuits; technologies and devices; circuit design and applications. <http://technav.ieee.org/tag/2841/>

(RF) circuits used in mobile devices, microwave components tunable by changing communications applications. The company offers tunable <http://www.frost.com/reg/blog-display.do?id=100976>

Industry News Thin Film Barium Strontium Titanate (BST) for a New Class of Tunable RF Components Thin film ferroelectrics (TFFE) are receiving increased attention <http://www.microwavejournal.com/articles/1673-thin-film-barium-strontium-titanate-bst-for-a-new-class-of-tunable-rf-components>

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