

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

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### **Paratek to Demonstrate Advanced RF- Tunable -**

First is the Adaptive Impedance Matching Module (AIMM), which is designed primarily for commercial portable mobile devices but can also be adapted for use in military

<http://www.microwavejournal.com/articles/6449-paratek-to-demonstrate-advanced-rf-tunable-technology>

### **TCC-103: Passive Tunable Integrated Circuit (PTIC) -**

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>

### **Front-End Tuning Bolsters Multi-Band Wireless -**

Mar 28, 2012 The good news is that by deploying mobile devices with tunable components, tunable RF components Applications such as mobile handsets and

<http://electronicdesign.com/4g/front-end-tuning-bolsters-multi-band-wireless-performance>

### **Introduction - Passive RF & Microwave Integrated -**

developments in RF and microwave integrated circuits and by their application of transistors in circuits will be Components and Devices Considered

<http://www.sciencedirect.com/science/article/pii/B978075067699150002X>

### **Multifunctional Adaptive Microwave Circuits and -**

Multifunctional Adaptive Microwave Circuits and Systems Applications in tunable switches, Amazon Devices; Make Money with Us.

<http://www.amazon.com/Multifunctional-Adaptive-Microwave-Circuits-Systems/dp/1891121774>

### **Tunable circuits and devices - IEEE Technology -**

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>

### **Tunable RF Components and Circuits - Jeffrey L -**

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/>

### **Patent US7221327 - Tunable matching circuit - -**

The present invention provides for low loss tunable matching circuits at rf devices. Low-loss tunable f-e components Devices for Microwave Applications

<http://www.google.com/patents/US7221327>

### **MEMS-based Circuits and Systems for Wireless -**

MEMS-based Circuits and Systems for Wireless for radio frequency applications can be RF systems built around MEMS components such as MEMS

<http://www.apress.com/9781441987976>

### **Cavendish Kinetics :: Careers -**

Careers at Cavendish Kinetics. Cavendish Kinetics designs, manufactures, and markets tunable RF circuits based on third-generation MEMS technology and innovative

<http://www.cavendish-kinetics.com/index.php/careers/>

### **Cavendish Kinetics :: About -**

Cavendish Kinetics is a fabless supplier of tunable components for RF circuits. Cavendish Kinetics' tunable RF solutions enable smaller RF systems.

<http://www.cavendish-kinetics.com/index.php/about/>

### **WiSpry s Tunable RF Technology Tackles Antenna -**

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>

### **Tunable RF Components and Circuits: Applications -**

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>

### **In the News - WiSpry | World Leader in Tunable RF -**

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

### **Tuning Circuits - IEEE Conferences, Publications, -**

Tuning Circuits Information on IEEE they relate to components, devices, circuits, and systems involving in the case of tuning circuits for mobile terminal

<http://technav.ieee.org/tag/1889/>

### **Optenni Lab Overview - Matching Circuit Design - -**

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>

### **WiSpry - Products - Tunable RF Components -**

Tunable RF Components At WiSpry we believe it is better to have digital control over the fundamental geometry of the RF circuit using small air-gap bi

<http://wispriy.com/products.php>

### **Microelectromechanical tunable capacitors for -**

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)

### **Patent US20130187826 - Tunable broadband antenna -**

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>

### **ON Semiconductor Launches Tunable RF Components -**

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>

### **Characterization and modeling of creep in RF-MEMs -**

Characterization and modeling of creep in RF-MEMs tunable components and circuits.

Hao-Han Hsu, Purdue University. Abstract. Creep in thin film metals is a

<http://docs.lib.purdue.edu/dissertations/AA13477675/>

### **Electrical Modeling of Ferroelectric Tunable -**

Our group has demonstrated several working ferroelectric tunable microwave circuits in Electrical Modeling of Ferroelectric Tunable Microwave Components

<http://www.tandfonline.com/doi/abs/10.1080/00150190500314890>

### **COMCAS > Program > Call for Papers -**

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>

### **Peregrine Semiconductor Unveils Digitally Tunable -**

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/>

### **Thin Film Barium Strontium Titanate (BST) for a -**

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>

## **Voltage Tunable RF Integrated Multiferroic -**

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/>