

Analog Circuits and Signal Processing

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Design and Analysis of Multi-Band Filtering Circuits

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He serves as an associate editor for the IEEE Access. He is a technical reviewer for several transactions in IEEE Circuits and Systems (CAS) Society and IEEE Microwave Theory and Techniques (MTT) Society.

Abbreviations and Acronyms

BPF	Bandpass filter
BW	Bandwidth
CDMA	Code division multiple access
CF	Center frequency
CHU	China Unicom
CM	Common mode
CMCC	China Mobile Communications Corporation
CTC	China Telecom
DM	Differential mode
FDD	Frequency division duplexing
GSM	Global System for Mobile Communications
ISM	Industrial Scientific Medical
LNA	Low noise amplifier
LTE	Long-term evolution
MIM	Metal–insulator–metal
MMDS	Multichannel Multipoint Distribution Service
MMR	Multi-mode resonator
RF	Radio frequency
RFID	Radio frequency identification device
SIR	Step-impedance resonator
SIW	Substrate integrated waveguide
SOC	System on a chip
SRSR	Split-ring slotline resonator
TDD	Time division duplex
TD-SCDMA	Time division-synchronization code division multiple access
TEM	Transverse electric and magnetic field
TL	Transmission line
TLMS-CSRR	T-line loaded middle-shortened complementary split-ring resonator

TP	Transmission pole
TZ	Transmission zero
UCR	Unequal-width cruciform connected resonator
WCDMA	Wideband code division multiple access
WLAN	Wireless local area network