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Biography: Ma Kaixue, male, professor at school of physics ,University of Electronic Sci and Technology of China, supervisor of PH.D, finalist of the Thousand Youth Talents, winner of National Science Fund for Outstanding Young Scholar. Fr 1997 to 2002, Prof. Ma was with the China Academy of Space Technology, Xi'an, where he became a Group Leader with the Millimeter –Wave Compor and Subsystem for Satellite Payload and VSAT Ground Station. From 2005 2007, he was a Research and Development Manager with MEDs Technolog Singapore. From 2007 to 2010, he was a Research and Development Mana a project Leader, and a Technique Management Committee of ST Electronic with ST Electronics (Satcom and Senor Systems), Singapore. From 2010 to 2014, he was a Senior Research Fellow and a Millimeter-Wave RFIC Team Leader for the 60-GHz Flagship Chipset project with NTU. He joined the University of Electronic Science and Technology of China, Chengdu, China, Full Professor in 2013. He has authored or co-authored over 160 internation journal or conference papers in the related area and has filed 30 patents. His current research interests include Internet of Things, satellite communicatior software-defined radios, and microwave/millimeter-wave circuits and system using CMOS, MEMS, MMICs, and LTCC. Prof. Ma is a Reviewer for several international journals. He was a recipient of the Best Paper Award of IEEE S 2011, the IEEK SOC Design Group Award, the Excellent Paper Award from International Conference on HSCD 2010, the Chip Design Competition Bron Award of ISIC 2011, the Special Mention Award of Emerging Technology, ingapore Inforcomm Technology Federation for the development of the Singapore Next Generation Wi-Fi Chipset 2012.

Education experience: From 1993 to 1997, Prof. Ma studied as an undergraduate and majored in Communication Engineering in Xibei Industry University. From 1999 to 2003 Prof. Ma pursued his masters' degree in Xibei Industry University and the Ch Academy of Space Technology, his major was Microwave Communication. F 2002 to 2007, Prof. Ma was a doctor at Nanyang Technological University a his major was Integrated Circuits and Systems Design.

Selected Publications:

1. Y. Wang, K. Ma, S. Mou, "A Transformer-Based 3-dB Differential Coupler IEEE Transaction on Circuits and Systems I: Regular Papers, vol. PP, no.99 pp.1-10, Dec. 2017
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