

제22회 한국반도체학술대회

2015년 2월 10일(화) - 12일(목), 인천 송도컨벤시아

M. RF Design 분과

Room K

1F / 102+103호

2015년 2월 12일(목) 13:10-14:40

[TK2-M] CMOS RF Device and Circuit Solutions

좌장: 이강윤 (성균관대학교), 박준배 (아나패스)

TK2-M-1	13:10-13:25	Circuit-Level Modeling of 10-Gbps Si-Photonic Transceiver Minkyu Kim, Myungjin Shin, Tongsung Kim, and Woo-Young Choi Department of Electrical and Electronic Engineering, Yonsei University
TK2-M-2	13:25-13:40	The Conducted Radiation Modeling Method for Automotive IC Sanghyeon Park, Dongsoo Lee, and Kang-Yoon Lee Department of Information and Communication Engineering, SungKyunkwan University
TK2-M-3	13:40-13:55	Performance Improvement of On-Chip Inductor Using Novel Patterned Ground Shield Structure and Thick Metal Layer Jin-Woong Jeong, Sung-Yong Jang, Sung-Woo Lee, Sung-Kyu Kwon, Choul-Young Kim, Ga-Won Lee, and Hi-Deok Lee Dept. of Electronics Engineering, Chungnam National University
TK2-M-4	13:55-14:10	Low Power, Wide Range, High Speed Digitally Controlled Ring Oscillator Seong Jin Oh, Sang-Yoon Kim, and Kang-Yoon Lee College of Information and Communication Engineering, Sungkyunkwan University
TK2-M-5	14:10-14:25	10bit Low Power SAR ADC Design for Multi-Channel Sensing Dong-Hyeon Seo, Hyung-Gu Park, and Kang-Yoon Lee Information and Communication Engineering, Sungkyunkwan University
TK2-M-6	14:25-14:40	A Third Order Active Notch Filter with Process Variation Compensation and Tunable Frequency Range for Suppressing Spurious Emission Seung-Won Choi, Dong-Soo Lee, and Kang-Yoon Lee College on Information and Communication Engineering, SungKyunkwan University