

제20회 한국반도체학술대회

2013년 2월 4일(월)~6일(수) / 웰리힐리파크 (구, 성우리조트)

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M. RF Design 분과

Room H

난실 (본관, 5층)

2013년 2월 5일(화) 10:55-12:10

[TH2-M] RF Power Amplifier

좌장: 박준배(GCT Semiconductor), 이강윤(성균관대학교)

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|-----------------|-------------|---|
| TH2-M-1 | 10:55-11:10 | A Low Power Antenna Switch Controller IC Adopting Input-Coupled Current Starved Ring Oscillator and Hardware Efficient Level Shifter
Seung-Hyeon Park, Donggu Im, and Kwyro Lee
Department of Electrical Engineering, KAIST |
| [초청]
TH2-M-2 | 11:10-11:40 | 4G용 RF Transceiver Design
이승욱
GCT Semiconductor |
| TH2-M-3 | 11:40-11:55 | Design of CMOS RF Power Amplifier using a Harmonic Control Technique
Sungho Lee ¹ , Kihyun Kim ² , Taksu Moon ³ , and Jintaek Lee ³
¹ Convergence SoC Research Center, Korea Electronics Technology Institute, ² Applied Electromagnetic Laboratory, Seoul National University, ³ RF Team, Dongbu HiTecks Co., Ltd. |
| TH2-M-4 | 11:55-12:10 | High Efficiency Class-E Power Amplifier for Wireless Charging System
Dongsoo Lee, HyungGu Park, HongJin Kim, and Kang-Yoon Lee
College of Information and Communication Engineering,
Sungkyunkwan University |