

제23회 한국반도체학술대회

2016년 2월 22일(월)-24일(수), 강원도 하이원리조트

M. RF and Wireless Design 분과

Room C
함백 I (5층)

2016년 2월 23일(화) 10:40-12:40

[TC2-M] RFIC and Smart RFID Tags

좌장 : 남일구(부산대학교), 백동현(중앙대학교)

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| TC2-M-1 | 10:40-10:55 | A Multi-transformer Coupled Low Phase Noise VCO using Current-reuse and Armstrong Configurations
Hyuk Ryu, Sangyong Park, Seung-Gi Lee, Jongyeon Lee, Woong-ki Jung, and Donghyun Baek
<i>School of Electrical Engineering, Chung-Ang University</i> |
| TC2-M-2 | 10:55-11:10 | A Design of Low Power, High Resolution Digitally Controlled Oscillator with Gain Estimation Technique for BLE Application
Seong-Jin Oh, In-Sung Kim, Sang-Sun Yoo, and Kang-Yoon Lee
<i>College of Information and Communication Engineering, Sungkyunkwan University</i> |
| TC2-M-3 | 11:10-11:25 | A Low-power Self-calibrated System Clock Generator for Class-1 Generation-2 UHF-band RFID Tag IC
Jae-Hun Lee ¹ , Do-Young Chung ¹ , Dasom Park ¹ , Hyun-Sik Lee ¹ , Thanh Son Pham ¹ , Vu Dinh Lam ² , and Jong-Wook Lee ¹
<i>¹Department of Electronics and Radio Engineering, Kyung Hee University, ²Institute of Materials Science, Vietnam Academy of Science and Technology, Vietnam</i> |
| TC2-M-4 | 11:25-11:40 | 듀얼밴드 스마트 태그의 설계
김진호, 이종석, 문용
<i>숭실대학교 전자공학과</i> |
| TC2-M-5 | 11:40-11:55 | A Security-Enhanced UHF-band RFID Based Internet of Thing Tag Sensor for Future Personal Healthcare
Do-Young Chung, Jae-Hun Lee, Dasom Park, Hieu Xuan Nguyen, and Jong-Wook Lee
<i>Department of Electronics and Radio Engineering, Kyung Hee University</i> |
| TC2-M-6 | 11:55-12:10 | A Low Noise and Highly Linear CMOS RF Tuner Front-End
Chihoon Choi, Sungchul Bae, Heesung Yang, and Ilku Nam
<i>Department of Electrical Engineering, Pusan National University</i> |