



제 29회 한국반도체학술대회

The 29th Korean Conference on Semiconductors

2022년 1월 24일(월)~ 26일(수) | 강원도 하이원 그랜드호텔(컨벤션타워)

2022년 1월 26일(수), 15:45-17:15

Room H (하트 I, 6층)

L. Analog Design 분과 [WH4-L] Analog Design II

좌장: 엄지용 교수(금오공과대학교), 정영호 교수(대구대학교)

<p>WH4-L-1 15:45-16:00</p>	<p>Photovoltaic Energy Harvesting System with Coarse and Fine Fast Maximum Power Point Tracking based on Perturb & Observe Algorithm Min Seong Kang, Eun Ho Choi, and Franklin Bien <i>UNIST</i></p>
<p>WH4-L-2 16:00-16:15</p>	<p>Design of Single-Inductor Multiple-Output(SIMO) DC-DC Converter Yeun Jeong Park, Tae Seob Oh, and Kang Yoon Lee <i>Department of Electrical and Computer Engineering, SungKyunKwan University</i></p>
<p>WH4-L-3 16:15-16:30</p>	<p>마그네틱 에너지 하베스팅을 위한 하베스터 / 부하 연결 제어 배터리 전력관리 회로 Jaeyeon Kim^{1,2}, Kyoungho Lee², Minseob Shim², and Ilku Nam¹ <i>¹Pusan National University, ²KERI</i></p>
<p>WH4-L-4 16:30-17:45</p>	<p>CMOS 기반 Analog Silicon Multiplier Hyo-Sung Park^{1,2}, Woo-Young Choi¹, and Myung-Jae Lee² <i>¹Department of Electrical and Electronic Engineering, Yonsei University, ²Post-Silicon Semiconductor Institute, KIST</i></p>
<p>WH4-L-5 16:45-17:00</p>	<p>Design of LDO Based Supply Modulator for 5.8Ghz DSRC Transceiver ASK Modulation Kyung-Je Jeon and Kang Yoon Lee <i>Department of Electrical and Computer Engineering, Sungkyunkwan University</i></p>
<p>WH4-L-6 17:00-17:15</p>	<p>Wide Range Optimized Multi Mode Readout Integrated Circuit for Gas Monitoring System Jeonghoon Cho, Hee Young Chae, Yunsik Lee, and Jae Joon Kim <i>Department of Electrical Engineering, UNIST</i></p>