



제 32회 한국반도체학술대회

The 32nd Korean Conference on Semiconductors

2025년 2월 12일(수)-14일(금) | 강원도 하이원리조트

Future Normal in Semiconductor

2025년 2월 13일(목), 09:00-10:45

Room L(하트II+III), 6층

M. RF and Wireless Design 분과

012_[TL1-M] RF Transceiver

좌장: 권구덕 교수(강원대학교), 한정환 교수(충남대학교)

<p>초청 TL1-M-1 09:00-09:30</p>	<p>Low-Power and Low-Cost RFIC supporting Legacy Cellular and 5G FR1 Jongsoo Lee Samsung Electronics Co., Ltd.</p>
<p>TL1-M-2 09:30-09:45</p>	<p>Low-Noise IIP2 Calibration-free Receiver Front-End with Dual RF and BB N-path Filters for 5G New Radio Cellular Applications Sukju Yun and Kuduck Kwon Department of Electronics Engineering, Kangwon National University</p>
<p>TL1-M-3 09:45-10:00</p>	<p>An 8x8 Optoelectronic Readout Array Using T2V Converter in 180-nm CMOS for Short-Range LiDAR Sensors Sunkyung Lee^{1,2}, Somi Park^{1,2}, Bobin Seo^{1,2}, and Sung Min Park^{1,2} ¹Division of Electronic & Semiconductor Engineering, Ewha Womans University, ²Graduate Program in Smart Factory, Ewha Womans University</p>
<p>TL1-M-4 10:00-10:15</p>	<p>55 W 3.4-3.8 GHz 2-Stage Doherty Power Amplifier for 5G NR 배순철¹, 송재성¹, 배경동^{1,2}, 이윤정¹, 양영구^{1,2} ¹성균관대학교 전자전기컴퓨터공학과, ²para-PA Inc.</p>