

iMiD 2024

The 24th International Meeting on Information Display
August 20-23, 2024 / ICC Jeju, Jeju, Korea

Session Title:	05. Display Circuits & Driving Technologies
Session Date:	August 21 (Wed.), 2024
Session Time:	09:00-10:35
Session Room:	Room E (302)
Chair(s):	Prof. Byung Seong Bae (Hoseo Univ., Korea) Dr. Jae Hoon Lee (Samsung Display Co., Ltd., Korea)

[E05-1] [Invited] 09:00-09:25

Integrated Mini-LED LCD and MIMO Visible Light Communication

Zong Qin and Zhiqing Zhao (Sun Yat-Sen Univ., China)

[E05-2] 09:25-09:40

Multi-Output Scan Driver Circuits Based on LTPS and LTPO TFTs

Hye-Won Woo, Hwarim Im, Kook Chul Moon, and Yong-Sang Kim (Sungkyunkwan Univ., Korea)

[E05-3] 09:40-09:55

Improvement of Flicker Phenomenon at Low Frequency in LTPO AMOLED Display by Applying Compensation Scheme of Variable Reset Voltage

Dong Sup Sim (Yonsei Univ. & LG Display Co., Ltd., Korea), Sujin Jung (Yonsei Univ., Korea), Byungchul Kim, Nack Bong Choi, Sang Yoon Park (LG Display Co., Ltd., Korea), and Hyun Jae Kim (Yonsei Univ., Korea)

[E05-4] 09:55-10:10

Further Power Reduction by Aggressive Peripheral Dimming

Won-Been Jeong, Jeong-Soo Park (Kyung Hee Univ., Korea), Chanhung Yoo, Nari Kim (Samsung Electronics, Korea), and Seung-Woo Lee (Kyung Hee Univ., Korea)

[E05-5] [Invited] 10:10-10:35

LTPO TFTs Integrated Gate Driver for AM μ LED Displays

Congwei Liao, Yunfei Liu, Xin Zheng, and Shengdong Zhang (Peking Univ., China)