

IMiD 2020

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Topic Title: 05. Active-Matrix Devices

Session Title: 01. Flexible LTPS

[01_05_1179]

Improvement of Hot Carrier instability on Small-Dimension Polycrystalline TFTs in Flexible AMOLED Displays

Keunwoo Kim, Jaehwan Chu, Doona Kim, Sangsub Kim, Dokyeong Lee, Bummo Sung, Hyena Kwak, Yongsu Lee, Taewook Kang, Hyeyong Chu, and Jinoh Kwag (Samsung Display Co., Ltd., Korea)

[01_05_1186]

Improved Controllability of Double Gate Low-Temperature Polycrystalline-Silicon Thin-Film Transistors on Plastic Substrate

Jaeseob Lee, Yongsu Lee, Taewook Kang, Hyeyong Chu, and Jinoh Kwag (Samsung Display Co., Ltd., Korea)

[01_05_1583]

Issues and the Improvement to the Crystallization of α -Si Films for LTPS TFTs on Arbitrary Panels

Noguchi Takashi (Univ. of the Ryukyus, Japan and NIT, Japan), Okada Tatsuya (Univ. of the Ryukyus, Japan)

[01_05_1432]

TFT TEG Design and ESD Susceptibility during Nano-Probing

Kiju Im, T.-Y. Khim, Hyuncheol Hwang, Junehwan Kim, Hyojung Kim, Young Tae Choi, Yoonho Kim, Hyeokjae Kwon, and Jongwoo Park (Samsung Display Co., Ltd., Korea)