

Oral Presentation

## [LCT7/FLX5]Flexible LCDs

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Fri. Nov 29, 2019 1:20 PM - 2:50 PM Room 204 (2F)

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2:30 PM - 2:50 PM

## [LCT7\_FLX5-4L]New Approach to Process Simplification for Flexible TFT-LCD

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Keywords:AOC, PDLC, Low temperature process, PI alignment free

A new approach is proposed to fabricate flexible TFT-LCD with minimal process steps. Single substrate and without conventional cell process is obtained by introducing AOC and developed PDLC coating on the top of array without PI alignment process. The 4.99" 294ppi AOC prototype LCD on a single substrate was fabricated.