Docket #: S00-046

Dual Gate Oxide Transistors for Downscaling CMOS Image Sensors

Applications

- Semi-conductor IC design
- Active pixel sensor and digital pixel sensor design
- Analog circuit design

Advantages

- Low leakage current
- High voltage swing
- Small size
- Low power consumption

Publications

- H. Tian, X. Liu, S. Lim, S. Kleinfelder, A. El Gamal, "Active pixel sensors fabricated in a standard 0.18um CMOS technology," Proceedings of SPIE, January 2001.

Innovators

- Abbas El-Gamal
- Xinqiao (Chiao) Liu
- SukHwan Lim

Licensing Contact

Mona Wan

Senior Licensing Manager for Special Projects

Email