

**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](#)