



AdMo™

for Amorphous Silicon AMOLED Image Sticking Compensation for Mobile Displays

AMOLEDs with amorphous silicon backplanes are prone to significant “image sticking” issues that render a display unusable. A static image (such as mobile phone icons) can be burned into the display in under an hour. IGNIS Advanced Mobile (AdMo™) technology **completely eliminates image sticking and improves lifetime**, without changing materials or manufacturing methods.

Benefits

- ▶ Image sticking free, increasing device lifetime by 10-20 times
- ▶ Uses standard drivers and no custom components
- ▶ Better-than-LCD cost
- ▶ Resolutions up to 250ppi
- ▶ Eliminates artifacts caused by changes in V_t , mobility, and temperature



Visible image sticking with conventional amorphous silicon AMOLED



Image sticking-free with IGNIS AdMo™ technology

Our advantage: Relaxation Driving

IGNIS relaxation driving actually slows the degradation of the amorphous silicon backplane, delivering tomorrow's displays with today's materials.

