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Analysis of noise characteristics for the active pixels in cmos image sensors for x-ray imaging. Phototransduction to Image Processing Publishers, 2004.

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The effect of size on photodiode pinch-off voltage

CMOS imagers: from Phototransduction to Image Processing. Kluwer Academic Publishers, Dordrecht (2004) pp. 110 111. D. Neamen; Semiconductor Physics and Devices

Performance of a novel wafer scale cmos active

References from the article Performance of a novel wafer scale CMOS active pixel sensor for bio-medical imaging

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CMOS Imagers From Phototransduction to Image Processing. is the advancement of knowledge for the development of systems for CMOS imaging and image processing.

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Abstract A CMOS image sensor ADC using delta-sigma modulation is presented and discussed. Experimental results from a test chip are presented.

A current mode active pixel with high sensitivity

to the traditional voltage mode APS for focal-plane image processing Eds.), CMOS Imagers: From Phototransduction to Image Processing, Kluwer

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