

GCINE Series

ROLLING SHUTTER STACKED BSI CMOS IMAGE SENSOR

GCINE

The GCINE family is Gpixel's newest flagship product family of truly innovative products for cinematography, drones, production imaging and other video applications, utilizing backside illumination to achieve high sensitivity and exceptional dynamic range.

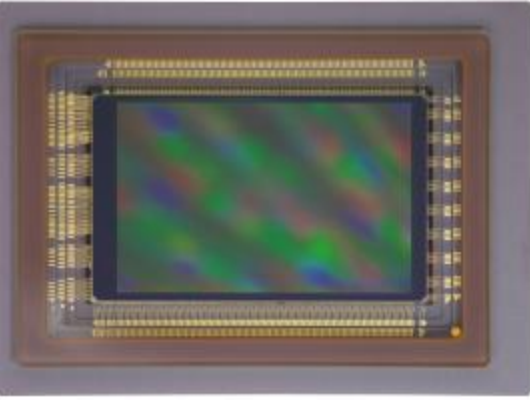
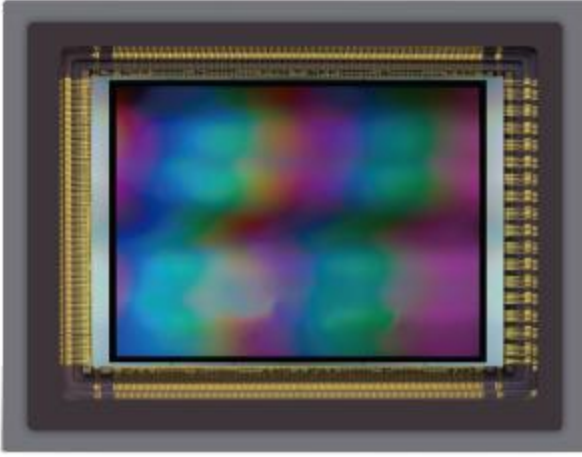


Product Family Features

- ✓ Stacked BSI
- ✓ High Sensitivity
- ✓ Low Noise
- ✓ HDR

Applications

- ✓ Cinematography
- ✓ Unmanned Aerial Vehicles (UAV)

CMOS Image Sensors	Resolution	Pixel Size (μm ²)	Optical Format	Shutter Type	Max. SNR (dB)	Peak QE	FWC Max (ke ⁻)	Temporal Noise Min (e ⁻)	DR Max (dB)	ADC (bit)	Max Frame Rate(fps)
GCINE3243 	8192 x 5232	3.2 x 3.2	APS-C 31.1 mm	Rolling DSC	50	80% (550 nm)	96	2.5	81	14	120
GCINE4349 	8192 x 6000	4.3 x 4.3	Full Frame 43.7 mm	Rolling DSC	52.1	85% (500 nm)	152	1.9	86.4	16	240

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