

Pregius

IIMX267LLR *
IMX267LQR **

Diagonal 16.1mm (Type 1.0)
 8.9M Pixel Monochrome /
 Color CMOS Image Sensor
 (Global Shutter CMOS Image Sensor)

*Monochrome / **RGB Bayer

Under development

Features

- 8.9M 34fps(12bit)
- Global Shutter
- External Trigger Function

Device structure

Image size	Diagonal 16.1mm (Type 1.0)
Number of effective pixels	4112(H) x 2176(V) Approx. 8.9M pixels
Aspect ratio	17 : 9
Unit cell size	3.45 μ m (H) x 3.45 μ m (V)
Input clock frequency	74.25MHz / 37.125MHz / 54MHz
Package	226pin ceramic LGA
Output interface	Low-voltage LVDS serial 8ch
Power supply voltage VDD (Typ.)	3.3V / 1.2V / 1.8V

Characteristics

		Remarks
G Sensitivity (F5.6) Typ.	1146 mV	1/30s accumulation (color)
G Sensitivity (F8) Typ.	915 mV	1/30s accumulation (mono)
Saturation signal Min.	1001 mV	Tj =60°C
Frame rate	34 frame/s	12bitAD