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Supply Voltage I/O Digital Analog	 1.8 V (1.7 V < Vsupply < 1.9 V) or 2.8 V (2.7 V < Vsupply < 2.9 V) 1.05 V (1 V < Vsupply < 1.1 V) 2.8 V (2.7 V < Vsupply < 2.9 V)
Power Consumption (Typical)	Linear 60 fps: 180 mW (Note 1) eHDR 30 fps: 281 mW (Note 1)
Operating Temperature	(–30∀C < T_J < +85∀C)
Optimal Performance Temperature	(0∀C < T_J < +60∀C)
Package Options	5.31 mm x 3.61 mm 53–pin CSP package Bare Die
θJA (Note 2)	41.65∀C/W (Note 2)
θJB	13.45∀C/W

1. Power consumption numbers are estimated values.
2. θ_{JA} is dependent on the customer module design and should not be used for calculating junction temperature.

¢ Security

¢ IoT

¢ Car DVR

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Native	1080p Linear	1920 x 1080	60
Native	1080p Linear, Lower Frame Rate	1920 x 1080	30
eHDR Native	1080p eHDR 2exp	1920 x 1080	45
eHDR 3exp Native	1080p eHDR 3exp	1920 x 1080	30
eHDR 3exp ALTM Native	1080p eHDR 3exp ALTM	1920 x 1080	30
LI Native	1080p LI–HDR 2exp	1920 x 1080	30
WoM bin4skip2 (Note 3)	Wake on Motion w/ Streaming	240 x 135	1
Bin2	0.5 MP Linear	960 x 540	180
eDR Native	1080p eDR	1920 x 1080	45
eDR ALTM Native	1080p eDR ALTM	1920 x 1080	45
LI–eDR Native	1080p LI–eDR	1920 x 1080	30
SLP Native	1080p SLP	1920 x 1080	1

3. Actual resolution of sensor is 480 x 135 with every alternate col being dummy pixel output, active resolution is 240 x 135.

MILLIMETERS

DIM

RECOMMENDED MOUNTING FOOTPRINT*