



NV02A10

ROLLING SHUTTER CMOS IMAGE SENSOR

CHIEF APPLICATION

NV02A10 is a 1/2.9 inch 2 million pixel full HD CMOS image sensor chip, the effective pixel array is 1936X1096, the chip supports high frame rate applications under full HD. The NV02A10 features linear exposure, line interlace HDR exposure, on-chip temperature sensors, excellent dark environment imaging capabilities, and flexible, rich configuration features, and is certified to AEC-Q100 Grade2 vehicle specification.

Specification

Item	Parameters
Active Array Size	1936(H)*1096(V)
Pixel Size	2.79um x 2.79um
Lens Size	1/2.9Inch
Operating Junction Temperature	-40~125°C
Output Format	RAW10
Sensitivity	8V/lux.s
Dynamic Range	120dB
SNR Max	42dB
ACE Q100	Grade-2



Application (Reference)

Application Scenarios

- Driving Video Recorder

Product Feature

- Low Power consumption
- Dark Environment imaging
- HDR