



NV013A10

ROLLING SHUTTER
CMOS IMAGE SENSOR

CHIEF APPLICATION

The NV013A10 is a 1/3.75-inch 1.3 megapixel CMOS image sensor chip with an effective pixel array of 1312×992 chips to support on-board applications. The NV013A10 features linear exposure, HDR exposure support and multi-chip synchronization, on-chip temperature sensors, and flexible configuration features.

Specification

Item	Parameters
Active Array Size	1312(H)×992(V)
Pixel Size	3.0um x 3.0um
Lens Size	1/3.75 Inch
Operating Junction Temperature	-40~125°C
Output Format	RAW10
Sensitivity	8.78V/lux.s
Dynamic Range	120dB
SNR Max	45dB
ACE Q100	Grade-2



Application (Reference)

Application Scenarios

- Hd Reverse rearview
- 360° View System

Product Feature

- Dark Environment imaging
- HDR
- High SNR
- RGB Bayer Pattern