



NV013A20

ROLLING SHUTTER CMOS IMAGE SENSOR

CHIEF APPLICATION

The MIA1302 is a 1/3.75-inch 1.3-megapixel CMOS image sensor chip with an effective pixel array of 1312 × 990. It features linear exposure mode, supports multi-chip synchronous operation, includes an on-chip temperature sensor, and offers flexible and versatile configuration options.

Specification

Item	Parameters
Active Array Size	1312(H) × 990(V)
Pixel Size	3.0um x 3.0um
Lens Size	1/3.75 Inch
Operating Junction Temperature	-40~125°C
Output Format	RAW10
Sensitivity	30068 mV.cm ² /μW.sec @850nm 12027 mV.cm ² /μW.sec @940nm
Dynamic Range	75dB
SNR Max	45dB
ACE Q100	Grade-2



Application (Reference)

Application Scenarios

- Driver Monitor System

Product Feature

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