



NV04S10

ROLLING SHUTTER CMOS IMAGE SENSOR

CHIEF APPLICATION

The NV04S10 is a 1/3-inch 4 megapixel CMOS image sensor chip with an effective pixel array of 2560X1440. The NV04S10 has excellent dark environment imaging capabilities, multi-chip synchronization, on-chip temperature sensors, and flexible, rich configuration features.

Specification

Item	Parameters
Active Array Size	2560(H)*1440(V)
Pixel Size	2.0umx2.0um
Lens Size	1/3Inch
Operating Junction Temperature	-40~85°C
Output Format	RAW10
Sensitivity	2.8V/lux.s
Dynamic Range	79dB
SNR Max	39dB



Application (Reference)

Application Scenarios

- Driver Assistance systems
- Consumer Video products
- 4Mp30 Video Application

Product Feature

- High Dynamic range
- Dark Environment imaging
- Low Power consumption
- High Frame rate