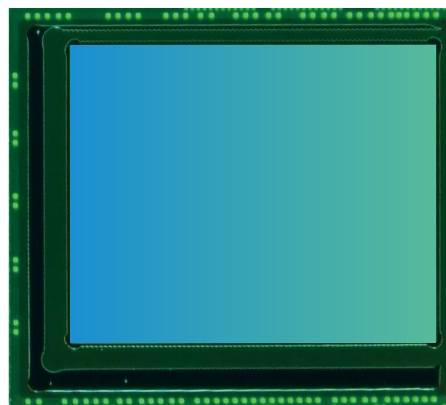


MIA3031

ROLLING SHUTTER CMOS IMAGE SENSOR



产品介绍 CHIEF APPLICATION

The MIA3031 is a 1/2.5-inch 3-megapixel full high-definition CMOS image sensor chip. It features an effective pixel array of 1920 × 1536. This chip supports automotive front-load high-definition AVM applications. The NV03A30 is equipped with DCG + VS exposure technology, supports external synchronization triggering, includes an on-chip temperature sensor, offers excellent low-light imaging capabilities, and provides flexible and extensive configuration functions.

规格说明 Specification

项目 Item	参数 Parameters
Active Array Size	1920 (H) * 1536 (V)
Pixel Size	3.0um*3.0um
Lens Size	1/2.5Inch
Operating Junction Temperature	-40~125°C
Output Format	RAW10
Sensitivity	8.5V/lux.s
Dynamic Range	120dB
SNR Max	45dB

应用场景 Application Scenarios

- **AVM环视**
Around View Monitoring
- **车载高清周视系统**
High Definition Around View Monitor System

产品特性 Product Feature

- **夜视全彩**
Full-Color Night Vision
- **高动态范围**
High Dynamic range



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