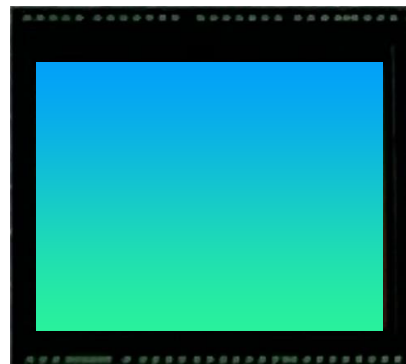


MIA2501

ROLLING SHUTTER CMOS IMAGE SENSOR



产品介绍 CHIEF APPLICATION

The MIA2501 is a 1/2.6 inch 2.5-megapixel full HD CMOS image sensor chip with an effective pixel array of 1920 × 1280 chips to support on-board front-mounted HD AVM applications. The MIA2501 features DCG+VS exposure, external synchronous trigger support, on-chip temperature sensor, excellent dark environment imaging capabilities, and flexible, rich configuration features.

规格说明 Specification

项目 Item	参数 Item
Activ Array Size	1920 (H) x 1280 (V)
Pixel Size	3.0um x 3.0um
Lens Size	1/2.6 Inch
TEMP Range Operation	-40~+125°C
Output Format	RAW10/12/16/20
Sensitivity	8.78 V/lux.s
Dynamic Range	120dB
SNR Max	43dB
ACE Q100	Grade-2

应用场景 Application Scenarios

- 车载高清周视系统
Car HD pervision system
- 车载前装高清AVM
Hd AVM on the front of the car

产品特性 Product Feature

- 暗环境成像
Dark Environment imaging
- DCG HDR
DCG HDR
- 高信噪比
High SNR
- 图像预处理
Image Preprocessing



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