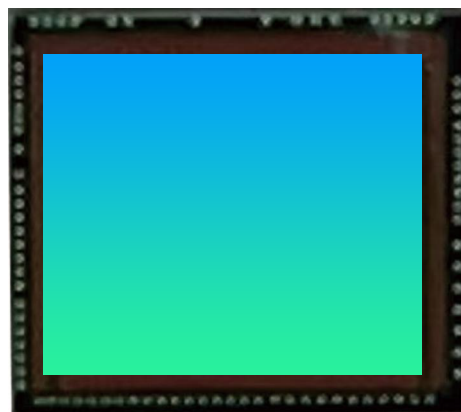


MIA1321

GLOBAL SHUTTER CMOS IMAGE SENSOR



产品介绍 CHIEF APPLICATION

MIA1321 is a 1/4 inch 1.3-megapixel DMS Global exposure CMOS image sensor chip with an effective pixel array of 1280X1080, which is designed with the new Global Shutter NIR enhanced pixel technology. The chip supports 850/940nm NIR enhancement. The MIA1321 is certified for AEC Q100 Grade-2 reliability and can be used in vehicle-mounted environments.

规格说明 Specification

项目 Item	参数 Item
Activ Array Size	1280(H)*1080(V)
Pixel Size	2.7um x 2.7um
Lens Size	1/4 Inch
TEMP Range Operation	-40~+105°C
TEMP Range Stable Image	-30~85°C
Output Format	RAW12, RAW10
Sensitivity	3.5V/lux·s
Dynamic Range	66.5dB
SNR Max	39.8dB
ACE Q100	Grade-2
QE 850nm	65%
QE 940nm	35%

应用场景 Application Scenarios

- 驾驶员辅助系统
Driver Assistance systems
- 手势识别
Gesture Recognition

产品特性 Product Feature

- 暗环境成像
Dark Environment imaging
- 图像预处理
Image Preprocessing
- 低功耗
Low Power consumption
- 高帧率
High Frame rate



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