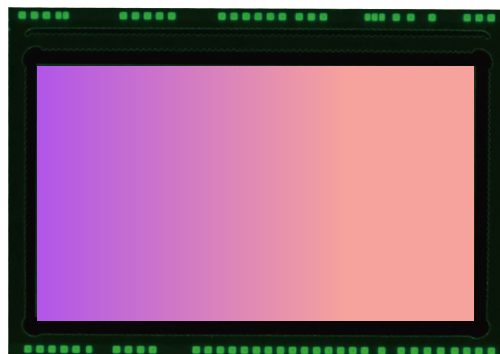


MIA2001

ROLLING SHUTTER CMOS IMAGE SENSOR



产品介绍 CHIEF APPLICATION

MIA2001 is a 1/2.9 inch 2-megapixel full HD CMOS image sensor chip, the effective pixel array is 1936X1096, the chip supports high frame rate applications under full HD. The MIA2001 features linear exposure, line interlace HDR exposure, on-chip temperature sensors, excellent dark environment imaging capabilities, and flexible, rich configuration features, and is certified to AEC-Q100 Grade2 vehicle specification.

规格说明 Specification

项目 Item	参数 Parameters
Active Array Size	1936(H)*1096(V)
Pixel Size	2.79um x 2.79um
Lens Size	1/2.9Inch
Operating Junction Temperature	-40~125°C
Output Format	RAW10
Sensitivity	8V/lux.s
Dynamic Range	120dB
SNR Max	39dB
ACE Q100	Grade-2

应用场景 Application Scenarios

- 车载DVR
Vehicle-born DVR
- 高清倒车后视
Hd Reverse rearview
- 360°环视系统
360° View System

产品特性 Product Feature

- 暗环境成像
Dark Environment imaging
- HDR
HDR
- 低功耗
Low Power consumption
- CSP-41封装
Encapsulation Of CSP-41



■ **Chengdu Office** (Product Center - Headquarters)
9-10F, Unit B6-2, AI International Hub, 171# Hele 2nd street, Hi-Tech District, Chengdu, P.R.China
TEL: 028-68669333 WEB: www.imgds.com
E-mail: imgds@imagedesign.com

■ **Shanghai Office** (R&D Center)
497 Gaosi Road, Zhagjiang High Tech Park, Pudong New Area, Shanghai

■ **Shenzhen Office** (Support Center)
3F, tower t2-a, Shenzhen Software Park, No. 22, gaoxinnan 7th Road, Nanshan District, Shenzhen