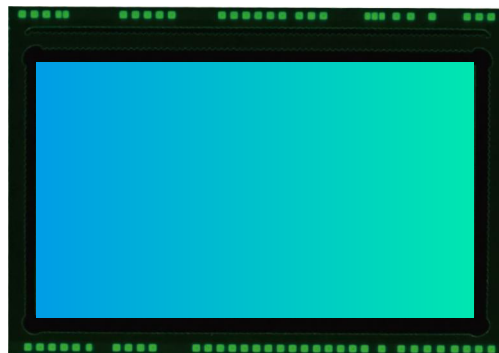


# MIS2031

## ROLLING SHUTTER CMOS IMAGE SENSOR



### 产品介绍 CHIEF APPLICATION

The MIS2031 is a 1/2.9 inch 2 megapixel CMOS image sensor chip that uses the BSI process to manufacture an effective pixel array of 1936X1096 chips to support high frame rate applications in full HD. The MIS2031 features linear exposure, HDR support, multi-chip synchronization, on-chip temperature sensors, excellent dark environment imaging capabilities, and flexible, rich configuration features.

### 规格说明 Specification

项目   Item	参数   Item
Activ Array Size	1936(H)*1096(V)
Pixel Size	2.79um x 2.79um
Lens Size	1/2.9Inch
TEMP Range Operation	-40~85°C
Output Format	RAW10
Sensitivity	4V/lux.s
Dynamic Range HDR	120dB
Dynamic Range Linear	72dB
SNR Max	39dB

### 应用场景 Application Scenarios

- 近红外夜视应用  
Near Infrared night vision application
- 消费类应用  
Consumer Application
- 高端安防应用  
High-end Security applications

### 产品特性 Product Feature

- 暗环境成像  
Dark Environment imaging
- 低功耗  
Low Power consumption
- HDR
- 高帧率  
High Frame rate



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