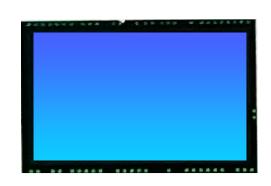# MIS20C1

ROLLING SHUTTER CMOS IMAGE SENSOR

产品介绍 CHIEF APPLICATION

The MIS20C1 is a 1/3.2-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 MIS20C1 features a linear exposure mode, near-infrared enhancement, 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	1936(H)*1096(V)
Pixel Size	2.45um x 2.45um
Lens Size	1/3.2 Inch
TEMP Range Operation	−40~85℃
Output Format	RAW10
Sensitivity	9.4 V/lux.s
Dynamic Range	75.3dB
SNR Max	35.2dB

应用场景 Application Scenarios

- 近红外夜视应用
  Machine Vision
- 高端安防应用
  ITS
- 消费类应用
  Motion Monitoring

产品特性 Product Feature

- 暗环境成像
  Dark Environment imaging
- 多芯片同步工作
  Multiple Chips work synchronously
- 图像预处理
  Image Preprocessing
- 宽温度范围
  Wide Temperature range

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