

AP1302

Image Signal Processor, 13 MP

Product Overview

For complete documentation, see the data sheet.

AP1302 is an imaging co-processor capable of processing up to 13 MP **onsemi** primary camera as well as a front facing camera. AP1302 has the ability to handle all image processing functions including interlaced High Dynamic Range (iHDR) operations.

Features

- Primary camera interface
 - Primary camera input format
 - Output interface
 - Output format
 - Secondary camera interface
 - Maximum resolution
 - Maximum frame rate
 - Maximum colour processing frequency
 - ISP capabilities on chip
 - Digital features
- For more features, see the data sheet

Applications

- Image Signal Processing

End Products

- IoT
- Drones
- Machine Vision

Part Electrical Specifications

| Product | Status | Compliance | Frame Rate (fps) | Video | Output Format | Compatible Sensors | Package Type | Case Outline | MSL Type | MSL Temp (°C) | Container Type | Container Qty. |
|-----------------------|--------|--------------------------------------|------------------|--------------|---------------|--------------------|--------------|--------------|----------|---------------|----------------|----------------|
| AP1302CSSL00 SMGA0-DR | Active | <div><div>H</div><div>Pb</div></div> | 30 | 13 Mp/30 fps | YUV | AR1331 | VFBGA-120 | 138AK.PDF | 4 | 260 | JTRAY | 3840 |

Mouser Electronics

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[AP1302CSSL00SMGA0-DR2](#)