

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 | | 30 | 13 Mp/30 fps | YUV | AR1331 | VFPGA-120 | 138AK.PDF | 4 | 260 | JTRAY | 3840 |