

AP1302

Image Signal Processor, 13 MP

Product Overview

For complete documentation, see the data sheet.

AP1302 is a imaging co-processor capable of processing up to 13 MP ON Semiconductor 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

Benefits

- Up to 4-lane MIPI (1.2 Gbps / lane)
- RAW6, RAW8
- Up to 4-lane MIPI (1.2 Gbps / lane)
- YUV422, YUV420, 888RGB, 565RGB, 555RGB, JPEG, RAW8, RAW10, RAW12, MJPEG
- Up to 3-lane MIPI (1.2 Gbps / lane)
- 4224 x 3156 (13Mp)
- 30 fps at 13MP; 120 fps at 1080p
- 540 Mpixels / second
- Adaptive tone mapping, local tone mapping
- Frame rate reduction, image resizing, face detection, digital zoom / pan, OSD

Sorry, an unexpected error occurred in our system. The error was captured and will be investigated.

We appologize for any inconvenience.