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	Compilance	Frame Rate (fps)	Video	Output Format	Compatible Sensors	Package Type	Case Outline	MSL Type	MSL Temp (°C)	Container Type	Container Qty.
AP1302CSSL00SMGA0-DR	Active		30	1080p/120 fps 13 Mp/30 fps	JPEG RAW RGB565 RGB888 YUV	AR1331	VFBGA-120	138AK.PDF	4	260	JTRAY	3840