

## AP0100CS

# Image Signal Processor, 1 MP

### Product Overview

For complete documentation, see the data sheet.



AP0100CS is a dedicated image co-processor that enables flexible camera platforms using high performance ON Semiconductor megapixel high dynamic range (HDR) sensors. The two-chip solution of sensor and co-processor allows for multiple camera price and performance points with re-use of circuit board design, fast time to market and design flexibility. Sensor performance is enhanced by the reduction in heat resulting from a separate co-processor chip while at the same time enabling high performance features. The AP0100CS supports 185-degree fisheye lens distortion correction, perspective correction and multiple view options such as split side view, triptych and trailer hitch.

### Features

- High Dynamic Range

### Applications

- Security

Part Electrical Specifications								
Product	Pricing (\$/Unit)	Compliance	Status	Frame Rate (fps)	Video	Output Format	Compatible Sensors	Package Type
AP0100CS2L00 SUGA0-DR		 	Active	45				VFPGA-100