

## Product Overview

### AP0101CS: Image Signal Processor, 1 MP

For complete documentation, see the data sheet.

AP0101CS 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.

### Features

- High Dynamic Range

### Applications

- Security

Part Electrical Specifications							
Product	Compliance	Status	Frame Rate (fps)	Video	Output Format	Compatible Sensors	Package Type
AP0101CS2L00SPGA 0-DR	Pb-free	Active	45	1.2 MP/45 fps	SMPTE 296M	AR0140	VFBGA-81
	Halide free			720p/60 fps	YUV	MT9M034	
						MT9M025	
AP0101CS2L00SPGA 0-DR1	Pb-free	Active	45	720p/60 fps	SMPTE 296M	MT9M034	VFBGA-81
	Halide free			1.2 MP/45 fps	YUV	MT9M025	

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