产品概览

AP0100AT: Image Signal Processor, 1 MP

欲看完整文档，请参阅数据表。

AP0100AT is a dedicated automotive 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 AP0100AT supports 185-degree fisheye lens distortion correction, perspective correction and multiple view options such as split side view, triptych and trailer hitch. This co-processor works with ON Semiconductor's AR0132AT and AR0140AT HDR automotive sensors, and is ideal for NTSC/PAL backup cameras.

特性

- High Dynamic Range

应用

- Automotive

器件电气规格

产品	Compliance	Status	Frame Rate (fps)	Video	Output Format	Compatible Sensors	Package Type
AP0100AT2L00XUGA0-AM-DR	AEC Qualified PPAP Capable Pb-free Halide free	Active	45	720p/60 fts , NTSC/PAL	YUV	ARX550 AR0132 AR0140	VFBGA-100
AP0100AT2L00XUGA0-AM-DR1	AEC Qualified PPAP Capable Pb-free Halide free	Active	45	720p/60 fts , NTSC/PAL	YUV	AR0132 ARX550 AR0140	VFBGA-100
AP0100AT2L00XUGA0-AM-TR	AEC Qualified PPAP Capable Pb-free Halide free	Active	45	720p/60 fts , NTSC/PAL	YUV	AR0132 AR0140 ARX550	VFBGA-100
AP0100AT2L00XUGA0-DR	AEC Qualified PPAP Capable Pb-free Halide free	Active	45	720p/60 fts , NTSC/PAL	YUV	ARX550 AR0132 AR0140	VFBGA-100
AP0100AT2L00XUGA0-DR1	AEC Qualified PPAP Capable Pb-free Halide free	Active	45	720p/60 fts , NTSC/PAL	YUV	AR0140 AR0132 ARX550	VFBGA-100
AP0100AT2L00XUGA0-TR	AEC Qualified PPAP Capable Pb-free Halide free	Active	45	720p/60 fts , NTSC/PAL	YUV	ARX550 AR0132 AR0140	VFBGA-100
AP0100AT2L00XUGA0-TR-E	Pb-free Halide free	Active	45	720p/60 fts , NTSC/PAL	YUV	ARX550 AR0140 AR0132	VFBGA-100

欲了解更多信息，请联系您当地的销售支援 www.onsemi.cn 。

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