

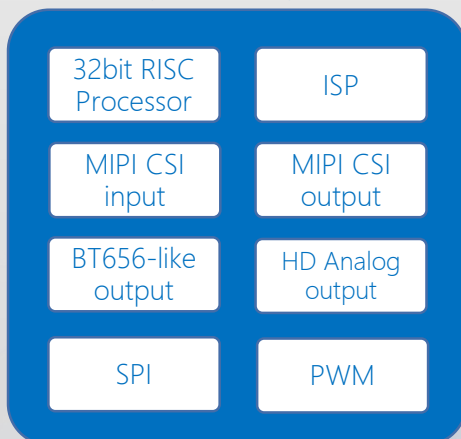
## | Application

### 前装车载摄像头 | OEM & Auto-qualified Camera

### | Features

支持4帧合成宽动态, 最大140dB  
 Support 4-frame HDR, up to 140dB  
 支持模拟高清输出和数字输出接口  
 Support HD Analog & Digital output  
 最大支持1280x960@30fps  
 Support up to 1280x960@30fps

### | Block Diagram



### | Specifications

CIS Input	Support up to 1280x960
	Support up to 120fps (4-frame HDR)
	MIPI CSI-2 10/12/14/16 bit raw data input
ISP	Support up to 4-frame HDR
	Lens shading compensation AE/AWB
OSD	Support GOSD
Video Output	HD-Analog output
	MIPI CSI-2 output
	BT656-like output, up to 1280x960@30fps
Peripherals	2xI2C, 1xSPI, 2xUART, GPIO
	2xSADC, 4xPWM
Package	QFN68, 7mmx7mm
Others	Working temperature: -40°C~105°C
	Typical power consumption: 230mw
	Power supply: Analog: 3.3v, IO: 3.3v/1.8v, Digital: 1.1v
Qualification	AEC-Q100 Grade 2 qualified

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