

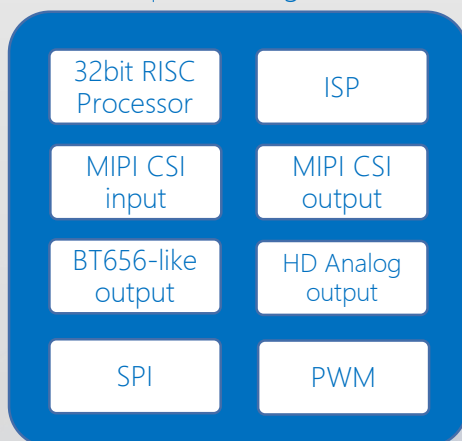
## | Application

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

## | Features

- 支持3帧合成宽动态, 最大120dB  
Support 3-frame HDR, up to 120dB
- 支持模拟高清输出和数字输出接口  
Support HD Analog & Digital output
- 最大支持1920x1080@30fps  
Support up to 1920x1080@30fps

## | Block Diagram



## | Specifications

	Support up to 1920x1080
CIS Input	Support up to 90fps (3-frame HDR) MIPI CSI-2 10/12/14/16 bit raw data input
ISP	Support up to 3-frame HDR Lens shading compensation AE/AWB
OSD	Support GOSD
Video Output	HD-Analog output MIPI CSI-2 output BT656-like output, up to 1920x1080@30fps
Peripherals	2xI2C, 1xSPI, 2xUART, GPIO 2xSADC, 4xPWM
Package	QFN68, 7mmx7mm
Others	Working temperature: -40°C~105°C Typical power consumption: 320mw Power supply: Analog: 3.3v, IO: 3.3v/1.8v, Digital: 1.1v
Qualification	AEC-Q100 Grade 2 qualified

