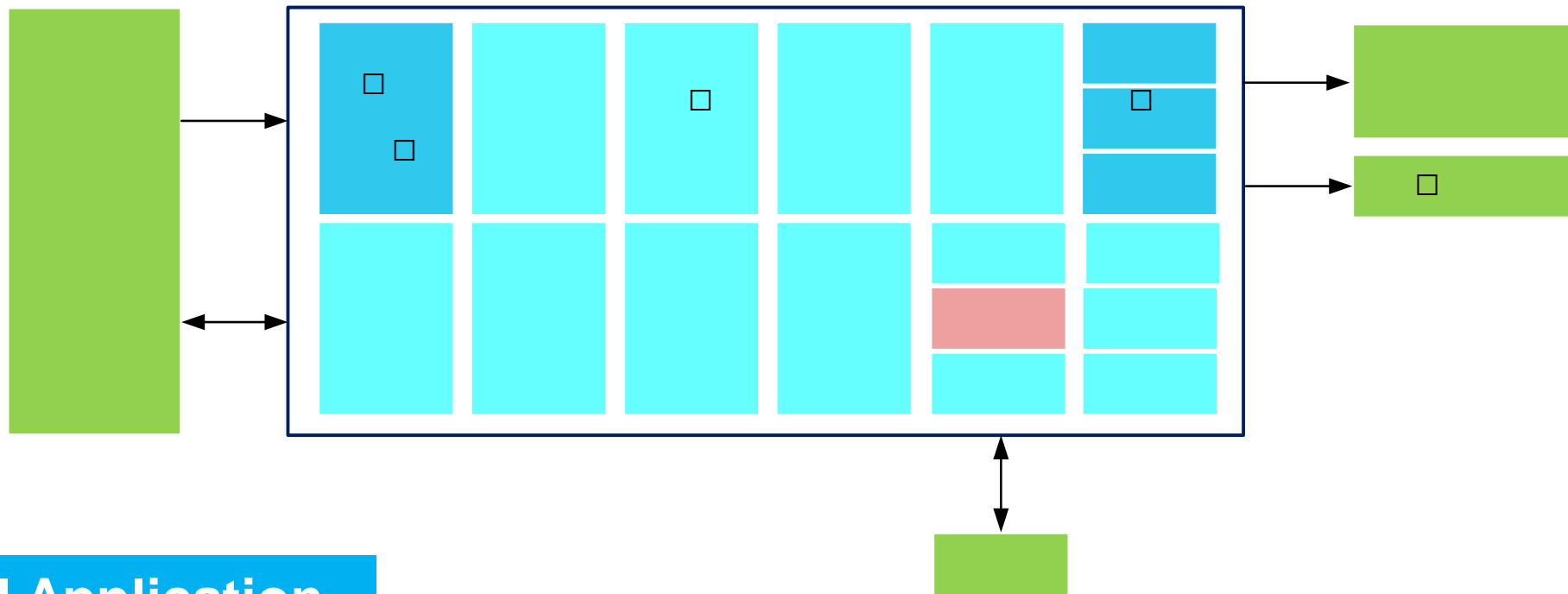


FH8322: 2M High-Performance Automotive ISP

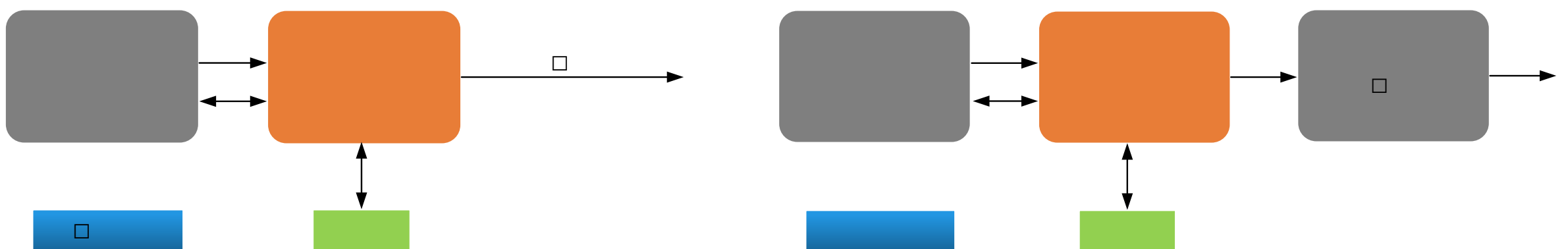
Characteristics

FH8322			
Video Input	Max Resolution 1920x1080, and 90fps for 3-frame synthesis	Video Output	Support HD-Analog video output
	Support MIPI CSI-2 input		Support BT656-Like output, reach to 1080P30fps
	Support 10/12/14/16 bit raw data		Support CSI-2 MIPI output
	Support exposure synchronization with Sensor	Security	Support OTP(One time programming)
ISP Function	Support up to 3 frames wide dynamic synthesis, Support line-by-line, large and small pixels and different Conversion Gain	Peripheral	1Ch I2C Master
	Support lens shading compensation		1Ch I2C Salve
	Picture enhancement		1Ch SPI
	Support high-performance CFA filter	Some GPIO	
	Support AE/AWB	4Ch PWM	
	Support gamma correction	2Ch UART	
Support GOSD, decompression and overlay for reversing line		Other	VDD_IO 3.3/1.8V, Analog 3.3V, Digital 1.1V
			Typital Comsumption (4 frame synthesis) : 320mW
			QFN68 (7mm x 7mm)
			AEC-Q100 Grade2, -40~105°C

Outline



Typical Application



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