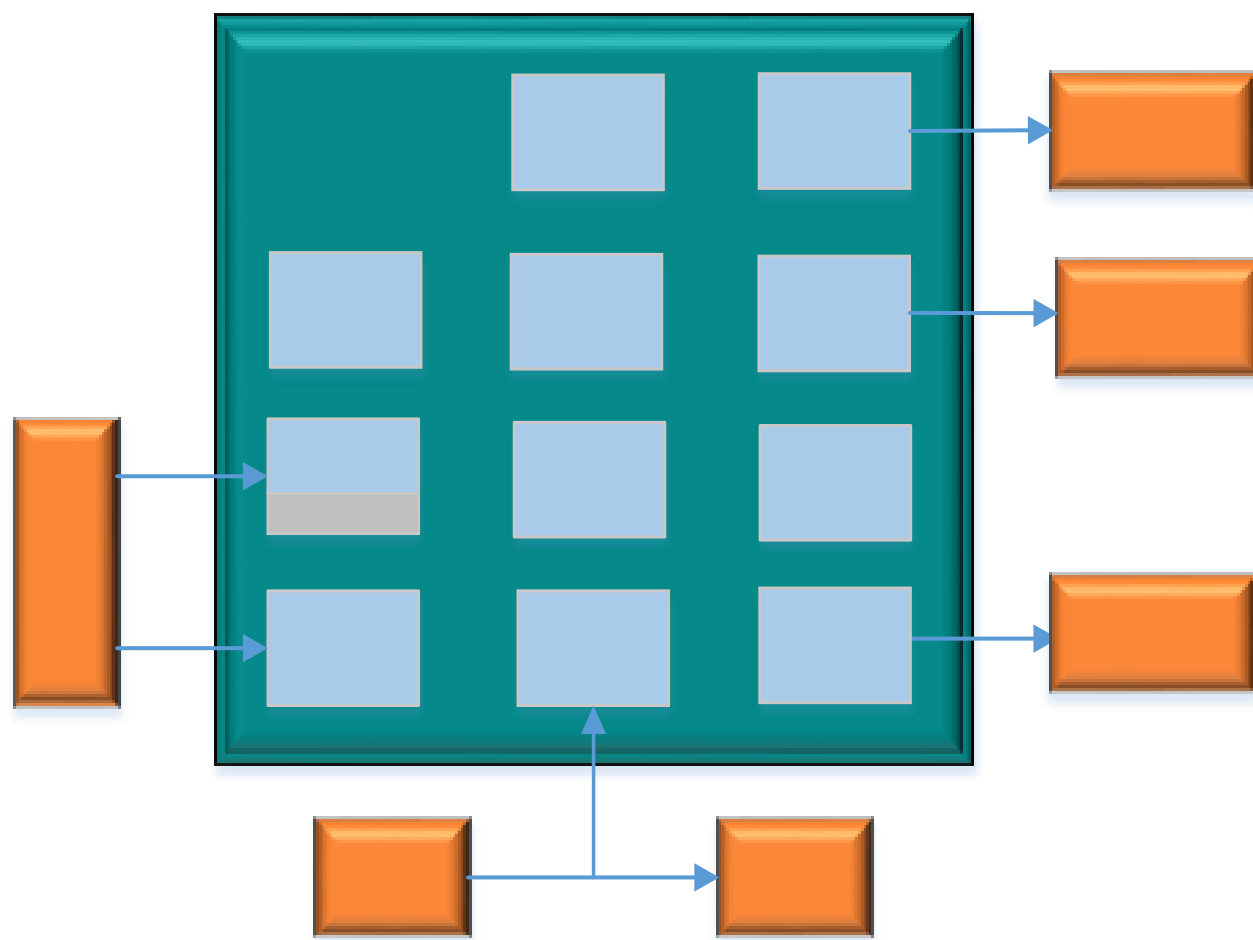


FH8536HV200: Cost-effective low light 2M ISP for CCTV

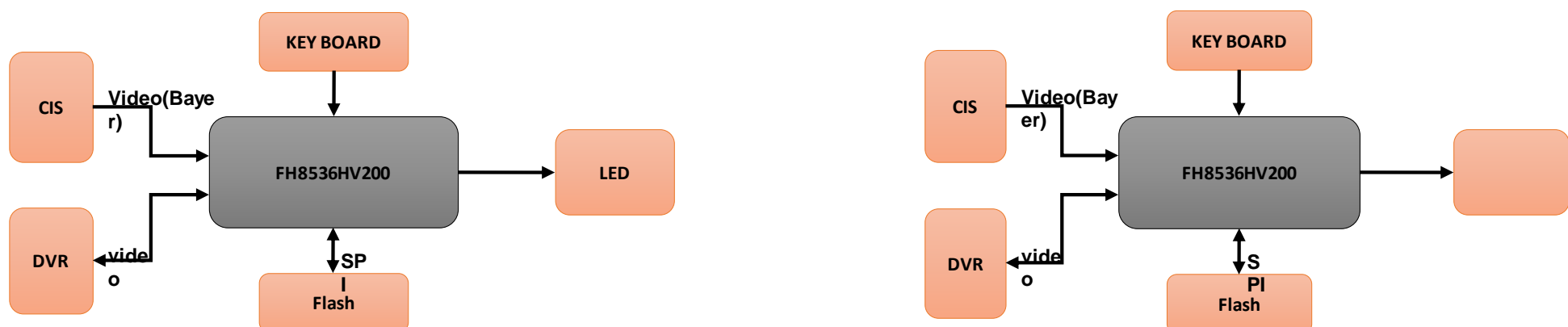
:

FH8536HV200			
CIS input	Support 2M/1.3M/1.0M CMOS sensor	Video output	CVBS (1280H)
	RGB /RCCB 2X2, Data width 12bit Clock edge, Frame polarity & Line polarity are configurable		HD Analog : 3M, 1080P, 720P
ISP	High performance CFA	Resolution	CVBS: 800TVL above
	Auto 2D and Y/C denoise		HD Analog: 1200TVL above (1080P)
	High performance 3D denoise	External Interface	I2C
	AE/AWB		SPI
	Lens correction		UART
	Lens shading correction		GPIO
Bad pixel correction	Others	SADC	
Motion detection		PWM	
Support lower frame rate sensor input		Working temperature: -20°C ~ 70°C	
OSD	Customized TOSD/GOSD		Power consumption: 141mW (1080P30 with MIPI input)
			Power supply: Analog 1.8V;IO(3.3V or 1.8V); Digital (0.9V)
			Package: QFN56(6*6)

Diagram



Typical Reference Design:



Contact Us
 ShangHai Fullhan Microelectronics Co., Ltd.
 ADD: 6F No. 717 Yishan Road,
 Xuhui District, ShangHai, P.R.C. 200233
 TEL: +86 21 6112 1558
 FAX: +86 21 6406 6786
 Email: Sales@fullhan.com
 Website: www.fullhan.com

