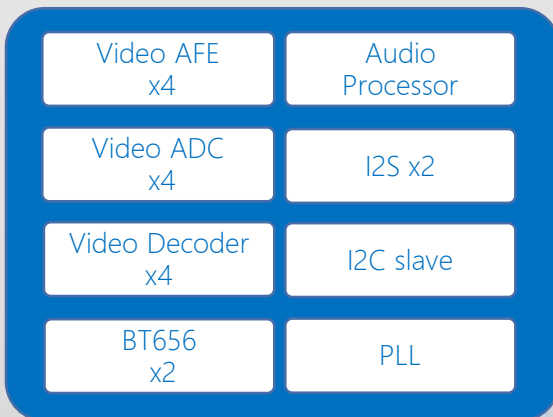## 应用领域 | Application
- 模拟高清信号链路接收 | HD Analog Receiver

产品特点 | Features

- 四通道高性能同轴模拟高清视频解码
  4-CH high-performance analog video decoding
- 支持模拟音频和同轴音频
  Support analog audio and coaxial audio
- 支持最多4颗芯片级联
  Cascade-able up to 4 devices

主要模块 | Block Diagram

Video AFE x4	Audio Processor
Video ADC x4	I2S x2
Video Decoder x4	I2C slave
BT656 x2	PLL

产品规格 | Specifications

Video Input	Support 4-CH analog video inputs
	Support 720P, 1080P, up to 8MP inputs
	Support CVBS,TVI,CVI,AHD formats
Signal Process	Internal digital Horizontal PLL for Line_Locked sampling
	Internal digital Color PLL for accurate color demodulation
	Internal digital filters for HD Y/C separation
	Brightness, Chroma, Saturation control though host interface
Video Output	Support two ports of BT.656, clock frequency up to 148.5M, Double-Data-Rate
	Support 2/4-channel multiplexed output on each BT.656 port
Audio	Support 5 mono analog audio inputs
	Support 8 or 16KHz sampling rate
	I2S interface support single/multiple output with mixing capability
	Cascade-able up to 4 devices
General	Up-stream data through host interface
	Programmable down-stream data decoding
	Fast 2-wire host interface
Package	QFN88, 10mmx10mm

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