

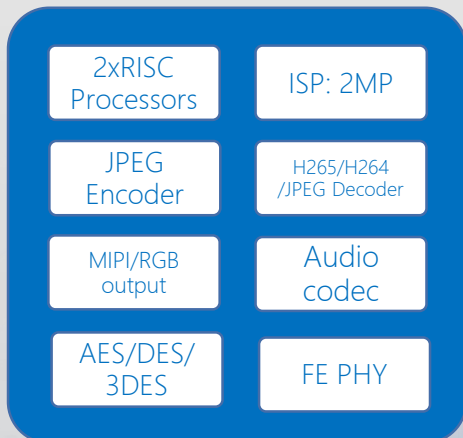
| Application  
| Smart Display



## | Features

- Support 2MP DVP CIS input
- Support high performance H.265/H.264 video decoder.
- Support MIPI/RGB video display.
- Support USB/Ethernet peripherals.

## | Block Diagram



## | Specifications

CPU	Dual Core CPU Support up to 1GHz
ISP	2MP DVP input
Video codec	Encoder: 1x1080p@30fps JPEG Decoder: 4x1080p@30fps H265/H264, 1x1080p@30fps JPEG
Audio	1 Codec inside and 1 bidirectional I2S
Video Output	1x4lane MIPI DSI or RGB output, support up to 1080p@30fps 1xCVBS output
Memory	MC3310: 64MB DDR2 inside MC3312: 128MB DDR3 inside 1xSPI NOR/NAND Flash
Network	1 internal FE PHY
Peripherals	2xSDIO2, 4xUART, 3xI2C, 2xUSB2, 1x4 CH SAR ADC, GPIO
Package	TFBGA, 11mmx11mm
Others	Working temperature: -20°C~70°C Typical power consumption: 0.7W Power supply: Core 0.9v, IO 3.3v, DDR3/2 1.5v/1.8v

