

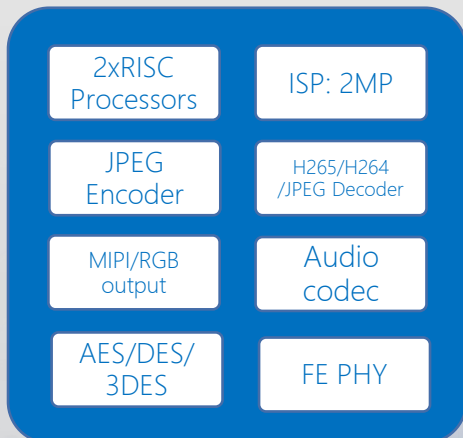
应用领域 | Application
 • | Smart Display



产品特点 | Features

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

主要模块 | Block Diagram



产品规格 | 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 |

