
March 7, 2013

Product Specifications of New Hardware IP

- Supported standards

Encode:

H.264/AVC HP@L4.2, MP@L4.2 and Constrained BP@L3

H.264/MVC Stereo HP@L4.1

MPEG-2 MP@HL

MPEG-4 SP@L6 and ASP@L5

H.263 BP@L70

WebM VP8

Decode:

H.264/AVC HP@L4.2, MP@L4.2 and Constrained BP@L3

H.264/MVC Stereo HP@L4.1

MPEG-2 MP@HL

MPEG-4 SP@L6 and ASP@L5

H.263 BP@L70 and Profile3@L70

VC-1 SP@ML, MP@HL and AP@L3

AVS Jizhun@L6.2

Sorenson Spark

DivX® HD1080 profile

On2 VP6

WebM VP8

RealVideo® 8, 9 and 10

- Resolution and Performance

Supports up to 1920x1080 pixel resolutions

1080p30 decoding or encoding @ 130 MHz

1080p60 decoding or encoding @ 260 MHz

- Achieves a 1 ms minimum processing delay

- Interface

AMBA 32-bit APB for communication with a host processor

AMBA 128-bit AXI for the external memory

(Remarks)

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