

PRODUCT OVERVIEW

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BODA™ - VIDEO DECODER IP CORE

O : Decoder only, ● : Dec. & Enc.

Product		BodaDx3	BodaDX5+	BODA630	Boda7503	BODA841	BODA950
Res.	Resolution	720x480	864x608	1280x720	1920x1080	1920x1080	1920x1080
	fps	30	30	30	30	30	60
Standards	H.264	O	O	O	O	O	O
	MPEG4	O	O	O	O	O	O
	H.263	O	O	O	O	O	O
	MPEG-2	-	O	O	O	O	O
	VC-1	-	O	O	O	O	O
	DivX	-	-	O	O	O	O
	Realvideo	-	-	O	O	O	O
	AVS	-	-	-	O	O	O
	Sorenson	O	O	O	O	O	O
	Theora	-	-	-	-	-	O
	VP8	-	-	-	-	-	O
	MVC	-	-	-	-	-	O
	MJPEG	O	-	O	O	O	O
	Features	CABAC			O	O	O
Clock Gating				O	O	O	O
Opt. 2'nd AXI SRAM				O	O	O	O
Opt. MC Cache				-	O	-	-
Tiled-Map				-	-	O	O
2D Cache				-	-	-	O
Application	Feature phone	Low-tier PMP	Mid-tier PMP	High-tier PMP	High-tier PMP	High-tier Netbook	
	Digital Photo frame	Low-tier Netbook	Mid-tier Netbook	Blu-ray DVD Player	Blu-ray DVD Player	3D Blu-ray DVD Player	
	eBook	Automotive navigation		Set-top-Box	Set-top-Box	Home media server	
		eBook		Mid-tier HDTV	Mid-tier HDTV	3DTV	

CODA™ - VIDEO DEC./ENC. IP CORE

O : Decoder only, ● : Dec. & Enc.

Product		CodaDx6	CodaDx8+	CODA640	CODA7542	CODA851	CODA960	
Resolution	Dec	Resolution	720x480	864x608	1280x720	1920x1080	1920x1080	
		fps	30	30	30	30	60	
	Enc.	Resolution	720x480	720x480	1280x720	1280x720	1920x1080	1920x1080
		fps	30	30	30	30	30	30
Standards	H.264	●	●	●	●	●	●	
	MPEG4	●	●	●	●	●	●	
	H.263	●	●	●	●	●	●	
	MPEG-2	-	○	○	○	○	○	
	VC-1	-	○	○	○	○	○	
	DivX	-	-	○	○	○	○	
	Realvideo	-	-	○	○	○	○	
	AVS	-	-	-	○	○	○	
	Sorenson	○	○	○	○	○	○	
	Theora	-	-	-	-	-	○	
	VP8	-	-	-	-	-	○	
	MVC	-	-	-	-	-	○	
	MJPEG	●	-	●	●	●	●	
	Features	CABAC	-	-	○	○	○	○
Clock Gating		-	-	○	○	○	○	
Opt. 2'nd AXI		-	-	○	○	○	○	
Opt. MC Cache		-	-	-	○	-	-	
Tiled-Map		-	-	-	-	○	●	
2D Cache		-	-	-	-	-	●	
Application		Low-tier Smartphone	Low-tier Smartphone	Mid-tier Smartphone	High-tier Smartphone	High-tier Netbook	3D Blu-ray STB	
		IP Camera	Low-tier Netbook	Mid-tier Netbook	HD Set-top box	HD PVR-STB/HDTV	3DTV	
		Video Conferencing	Automotive navigation	HD IP Camera	PVR	HD Surveillance	3D Digital Camcorder	
			IP Camera		HDTV	Digital Camcorder		

Thank You

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