

Delivering the best-in-class video codec IP cores with a compelling and differentiated full IP package of significant high performance, low power consumption, and low bandwidth usage.

• Codec (Encoder&Decoder) / • Encoder / • Decoder * Dual Cores

IP Name Up to 8K for UHD	No. of Cores		Video Standard					Bit Depth		Pic Type		Feature	Resolution / Frame Rate
	Single	Dual	HEVC / H.265	AVC / H.264	VP9	AVS2	AV1	8-bit	8-/10-bit	I/P	I/P/B	3DNR	
WAVE520C	•		•						•		•	•	4K60fps
WAVE521C	•		•	•					•		•	•	4K60fps
WAVE521CL	•		•	•				•		•			4K60fps
WAVE541C		•	•*	•					•		•	•	4K120fps, 8K30fps, 8K60fps
WAVE524C	•		•	•			•		•		•		4K60fps
WAVE520	•		•						•		•	•	4K60fps
WAVE521	•		•	•				•	•		•	•	4K60fps
WAVE521L	•		•	•						•			4K60fps
WAVE524	•		•	•			•		•		•		4K60fps
WAVE541		•	•*	•					•		•	•	4K60fps
WAVE510A	•						•		•		•		4K60fps
WAVE510	•		•						•		•		4K60fps
WAVE511	•		•	•					•		•		4K60fps
WAVE512	•		•		•				•		•		4K60fps
WAVE515	•		•		•	•	•		•		•		4K60fps
WAVE517	•		•	•	•	•	•		•		•		4K60fps
WAVE537		•	•*	•	•	•	•*		•		•		4K120fps, 8K30fps, 8K60fps

Note : Video standards with an asterisk (*) indicates the multi-core solution available in the standard.

IP Name Up to 2K for Full HD	Video Standards										Bit Depth	Pic Type		Resolution / Frame Rate (28nm@500MHz otherwise noted)
	H.264	MPEG-4	H.263	MPEG-2	VC-1	RV	VP8	AVS	AVS+	JPEG		I/P	I/P/B	
CODA988 (Encoder)	•	•	•								•	•		2K60fps
CODA988 (Decoder)	•	•	•	•	•	•	•	•	•		•		•	2K60fps
CODA966 (Encoder)	•	•	•								•	•		2K30fps
CODA966 (Decoder)	•	•	•	•	•	•	•	•	•		•		•	2K60fps
CODAJ12										•		•		4:2:2 210M pixel/sec
BODA955	•	•	•	•	•	•	•	•	•		•		•	2K60fps

Download the full list of available video codecs from www.chipsnmedia.com