

Summary Sheet (Speech)



Development work may be ongoing. For the most current information on the performance specifications, availability of the implementation on various DSPs, and support for specific configuration, please send your enquiry to sales@couthit.com. CouthIT reserves the right to make changes to the specifications or availability.

ENCODER	ARM	C66x	C55x	DECODER	ARM	C66x	C55x
NB AMR Encoder	Available	Available	Available	NB AMR Decoder	Available	Available	Available
WB AMR Encoder	Available	Available	Available	WB AMR Decoder	Available	Available	Available
AMR-WB+ Encoder (24 kb/s)	Available	Available	GoldenC	AMR-WB+ Decoder	Available	Available	GoldenC
GSM FR Encoder	GoldenC	Available	GoldenC	GSM FR Decoder	GoldenC	Available	GoldenC
GSM HR Encoder	GoldenC	Available	GoldenC	GSM HR Decoder	GoldenC	Available	GoldenC
EVRC-A Encoder	Available	GoldenC	Available	EVRC-A Decoder	Available	GoldenC	Available
EVRC-B Encoder	Available	Available	Available	EVRC-B Decoder	Available	Available	Available
EVRC-NW Encoder	GoldenC	Available	Available	EVRC-NW Decoder	GoldenC	Available	Available
MS RTA Encoder	Available	Available	Available	MS RTA Decoder	Available	Available	Available
G.711 Encoder	Available	Available	Available	G.711 Decoder	Available	Available	Available
G.711 Encoder (with VAD/DTX)	Available	Available	Available	G.711 Decoder (with PLC/DTX/CNG)	Available	Available	Available
G.711.1 Encoder	GoldenC	GoldenC	Available	G.711.1 Decoder	GoldenC	GoldenC	Available
G.718 Encoder	GoldenC	Available	GoldenC	G.718 Decoder	GoldenC	Available	GoldenC
G.722 Encoder	Available	GoldenC	Available	G.722 Decoder	Available	GoldenC	Available
G.722.1 (Annex-C) Encoder	Available	Available	Available	G.722.1 (Annex-C) Decoder	Available	Available	Available
G.723.1 Encoder	Available	Available	Available	G.723.1 Decoder	Available	Available	Available
G.726 Encoder	Available	Available	Available	G.726 Decoder	Available	Available	Available
G.728 Encoder	GoldenC	Available	Available	G.728 Decoder	GoldenC	Available	Available
G.729 Encoder (A/B/D/E/G)	Available	Available	Available	G.729 Decoder (A/B/D/E/G)	Available	Available	Available
G.729.1 Encoder	Available	Available	Available	G.729.1 Decoder	Available	Available	Available
iLBC Encoder	Available	GoldenC	GoldenC	iLBC Decoder	Available	GoldenC	GoldenC
SBC Encoder	Available	GoldenC	GoldenC	SBC Decoder	Available	GoldenC	GoldenC
OPUS Encoder	GoldenC	Available	GoldenC	OPUS Decoder	GoldenC	Available	GoldenC
EVS Encoder	GoldenC	GoldenC	GoldenC	EVS Decoder	GoldenC	GoldenC	GoldenC
Speex Encoder	Available	GoldenC	Available	Speex Decoder	Available	GoldenC	Available
QCELP13K Encoder	On Request	On Request	On Request	QCELP13K Decoder	GoldenC	GoldenC	GoldenC
QCELP8K Encoder	On Request	On Request	On Request	QCELP8K Decoder	On Request	On Request	On Request
VMR-WB Encoder	On Request	On Request	On Request	VMR-WB Decoder	On Request	On Request	On Request
G.719 Encoder	On Request	On Request	On Request	G.719 Decoder	On Request	On Request	On Request
SMV Encoder	On Request	On Request	On Request	SMV Decoder	On Request	On Request	On Request

OTHER	ARM	C64x+	C55x
Noise Suppression	Available	GoldenC	GoldenC
Adaptive Jitter Buffer	Available	GoldenC	GoldenC
Acoustic Echo Canceller	Available	GoldenC	GoldenC
Automatic Gain Controller	Available	GoldenC	GoldenC