



## StarCore™ VoIP Product Performance Specifications

DelCom Systems offers a complete suite of algorithms for Voice over Network, Multimedia, and wireless Applications. This object-oriented suite provides a scalable solution, enabling high-density applications. All voice coder algorithms are tested using test vectors supplied by the appropriate authority (ITU, ETSI, EIA/TIA). These algorithms are based

upon DelCom's portable C model. They have been ported to a variety of processors and hand optimized to increase the achievable density. The following table summarizes performance on the Freescale StarCore™ SC140 generation of Digital Signal Processors.

Product	MCPS	Program Memory (Kbytes)	DATA MEMORY (Kbytes)	
			Tables	Per Channel State
<b>Cellular Voice Codecs</b>				
GSM-EFR	9.2	53	15.5	5.7
<b>ITU-T Voice Codecs</b>				
G.723.1A	7.6	49	19	2.0
G.726	5.5	3	1.2	0.3
G.728	15.8	19	2.3	4.3
G.729B	8.7	60	6.7	4.5
G.729AB	6.3	55	6.2	4.3

DelCom reserves the right to make changes to specifications without notification.