



Encore's G.726

Technology

G.726 works in four bit rates, viz., 16, 24, 32 and 40 Kbps. This is a waveform coder and works based on the principle of Adaptive Differential Pulse Code Modulation (ADPCM). This coder takes signals sampled at 8000 samples/second and converts to compressed form, depending on the selected rate.

Features

- Fully compatible/bit-exact with the ITU-T G.726 standard.
- Frame based design. Current frame is 80 samples, which can be changed to any length.
- Selectable rate on a frame basis.
- Full duplex multi-channel capability.
- Flexible interface with 'C' callability, with a single archive file for all functions.
- Relocatable program and data spaces. Static (state) data memory is dynamically relocatable. Program and table data spaces can be fragmented.
- The code is interruptible and frame re-entrant. It can be used in systems with multi threaded software architecture.

Platforms

- TMS320C64X
- TMS320C62X
- TMS320C54X
- TMS320C55X
- Coldfire (MCF52xx, 53xx, 522xx)
- PowerPC

Performance Numbers

Platform	Program Memory (KBytes)	Data Memory (KBytes)			MIPS
		Static/Channel	Scratch	Tables	
TMS320C64X	9.69	0.224	0.152	0.316	5.7
TMS320C62X	17.3	0.224	0.152	0.316	11.9
TMS320C54X	6.50	0.204	0.156	0.416	12.84
TMS320C55X	7.44	0.204	0.156	0.416	12.2
MCF52xx, 53xx, 522xx	6	2.8	2	0.3	45
PowerPC					

Availability

Now.

For further information please visit our web site, <http://www.ncoretech.com> or email to: jp@ncoretech.com