



Encore's V.34 Data Modem

Processor

TMS320C6000 Series.

Description

Encore's V.34 Data modem package includes the following implementations

- ITU-T V.34 Recommendation for data rates from 33.6 kbps down to 2.4 kbps
- ITU-T V32bis / V.32 Recommendation for data rates of 14.4 kbps, 12 kbps, 9.6 kbps, 7.2 kbps and 4.8 kbps
- ITU-T V22bis Recommendation for data rates of 2.4 kbps, 1.2 kbps
- ITU-T V.21 for 300 bps
- ITU-T V.42 for Error control
- ITU-T V.42bis for data compression
- ITU-T V.8 for initial handshake

It is possible to provide only one of the datapumps or a combination of two or more datapumps.

General Features

- Adheres to all the mandatory features of ITU-T V.34 Standard (1998).
- V.8 Handshake.
- HDLC Framing Support.
- Multi-channel Capability.
- Highly optimised 62x Implementation.
- Relocatable Code & Data Modules.
- Flexible Programming Interface ('C' Callable).
- Tested against various impairment combination using Standard Test Equipment (TAS)
- Provided in the form of Hardware Independent Library for easy pointing to the target environment platform.
- Optional Support for 8 KHz operation facilitating connection to digital trunks.

Performance

	V.42 + V.42bis	V.34 + V.32bis + V.22bis + V.21	V.42 Only	V.34 Only
Code (KB)	42	176	32	85
Data (KB)	22	21 + Far Echo Delay Buffer**	4.6	21 + Far Echo Delay Buffer**
Tables (KB)	-	19	-	12
MCPS (Peak 100 ms)	6	18	1	18

* Specifications are subject to change

** This buffer requires 1.4 Kbytes for every 100 ms of Delay

Note: On 64x the worst case MCPS for V.34 is 11

Availability

Now.

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

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