Audio Compact Disc - Block Diagram

Telephone Transmission
DTMF Receiver
(Dual-Tone Multi-Frequency)

et: Silion Systems 201

BLOCK DIAGRAM
Typical v.32/v.32bis/v.34/v.90 modem

and DSL to home

DSP IC(s)

D/A → SC LPF → RC LPF → Hybrid

A/D → SC LPF → RC LPF

one 'analog front end' IC
Synchronous Receiver For Disk Drives

Read Cktry → Automatic Gain Control

LPF → Forward Filter

adaptive + ⌠-

Decoder → Bits Out

Slicer

Decision Feedback Equalizer

Timing Recovery

Viterbi