

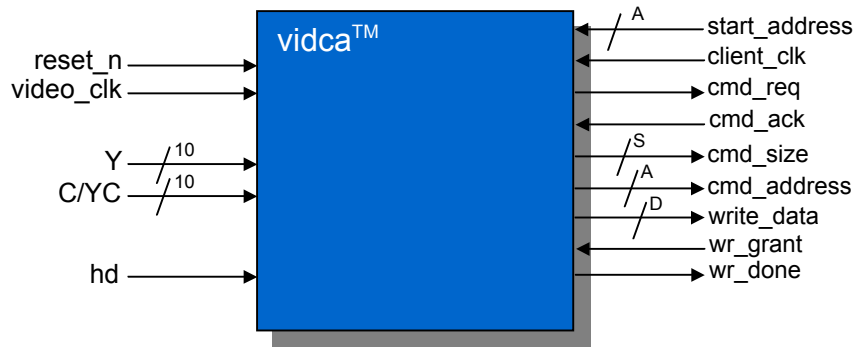


## Video Capture: vidca™

This Core Values™ product captures High Definition (HD) or Standard Definition (SD) video to memory.

### FEATURES

- Connects directly as a sdramio™ memory client
- Interfaces to 20-bit or 10-bit 4:2:2 YCbCr data
- Programmable burst size of 8 or 32 words
- Customized FIFO depth depending on bandwidth
- Decodes SMPTE 274M/296M and ITU-R 656-4
- Linted and Verified Verilog 2001 Source Code
- Permanent Company License (not per-project)
- ASICs and Actel, Altera, Lattice and Xilinx FPGAs

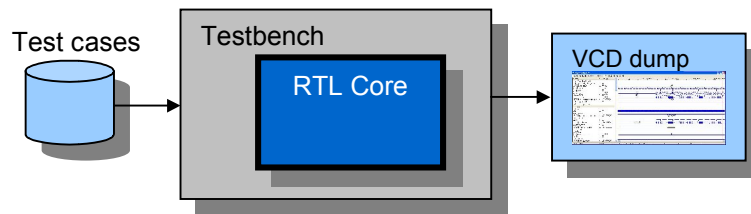


### EXTERNAL REQUIREMENTS

- Active-low reset, Video Clock, Memory Client Clock

### DELIVERABLES

- Synthesizable Verilog 2001 RTL Source Code
- Fast Verilog 2001 Testbench and Test cases
- VCD Functional Dump
- User Manual



### APPLICATIONS

- Televisions
- Video Processing Equipment
- DVRs
- Security Cameras