

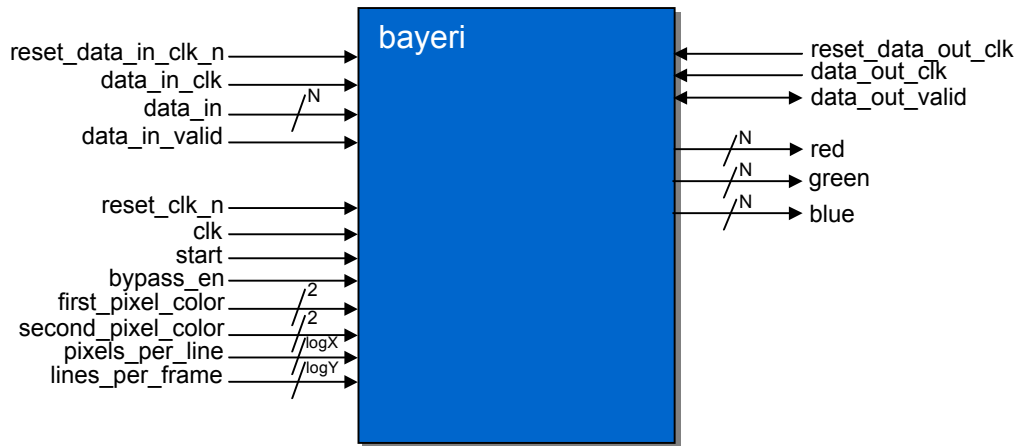


## bayeri™ : Parametrizable Bayer Processing core

This Core Values™ product converts GRGR..BGBG Bayer Pattern video to RGB video.

### FEATURES

- Parametrizable Bayer Precision for input stream
- Parametrizable RGB Precision for output stream
- Selectable pattern decoding
- Bypass for Grayscale testing
- Master/Slave Output
- Scalable to any input resolution
- Accepts CCD outputs of non-video rates
- Three asynchronous input/output/control domains
- Linted and Verified Verilog 2001 Source Code
- Permanent Company License (not per-project)
- ASICs and Actel, Altera, Lattice and Xilinx FPGAs

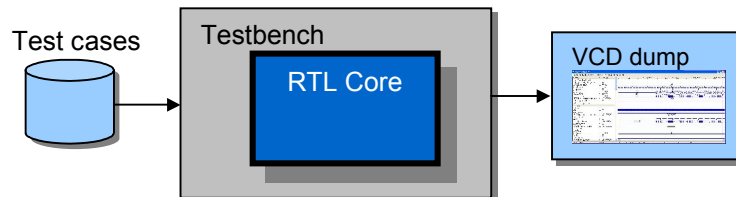


### EXTERNAL REQUIREMENTS

- Three active-low Resets, three Clocks

### DELIVERABLES FOR EACH CORE

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



### APPLICATIONS

- Professional and Prosumer CCD Cameras
- Video Recorders