

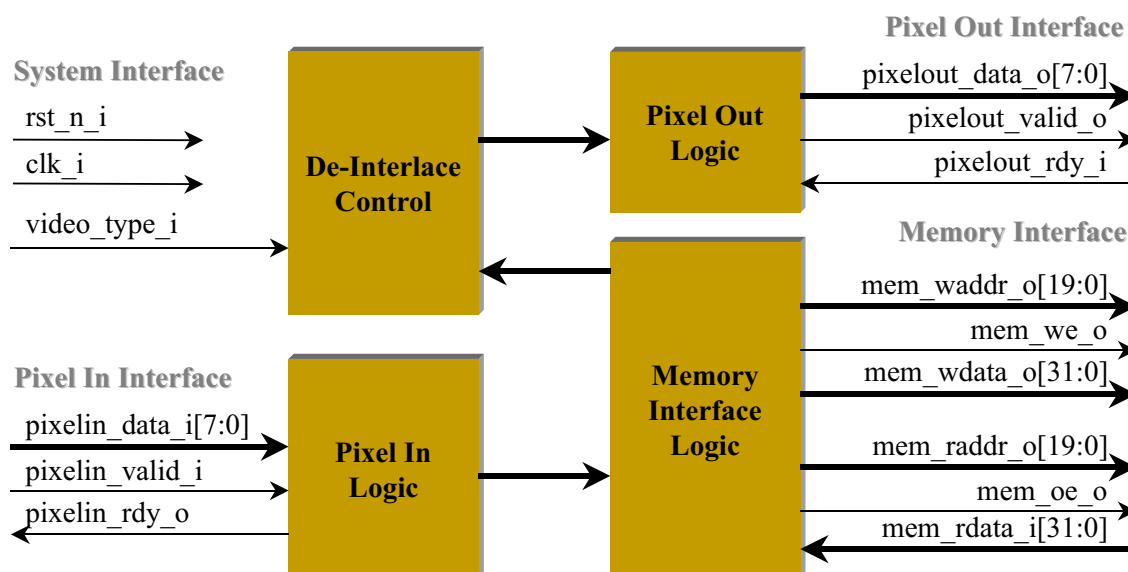
## Overview

iW-Video DeInterlacer converts the interlaced video signals into non interlaced signals. This core produces single higher resolution frames for suitable for digital displays.

## Features

- ✧ Weave Method of Video de-interlacing is supported
- ✧ Supports PAL or NTSC video mode
- ✧ RAM like memory interface with separate read and write controls
- ✧ Fully stallable interfaces on both input and output

## Block Diagram



## Core Benefits

- ✧ Removes the flicker in the video signal without taking additional bandwidth
- ✧ Improves picture quality

## Core Applications

- ✧ Can be used in all kind of applications which use LCD display
- ✧ Can be used in image processing equipments

## Deliverables

- ✧ Technical Specification
- ✧ RTL Verilog Synthesizable Code
- ✧ Comprehensive Test Environment
- ✧ Technical Support and Maintenance

## About Us

**iWave Systems Technologies** is an embedded Hardware and Software Turnkey Design Services focused on providing integrated solutions for developing innovative products and systems in the areas of Communication, Consumer Electronics and Multimedia. **iWave** offers complete turnkey solutions for systems engineering and product development.

## Contact Us

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