

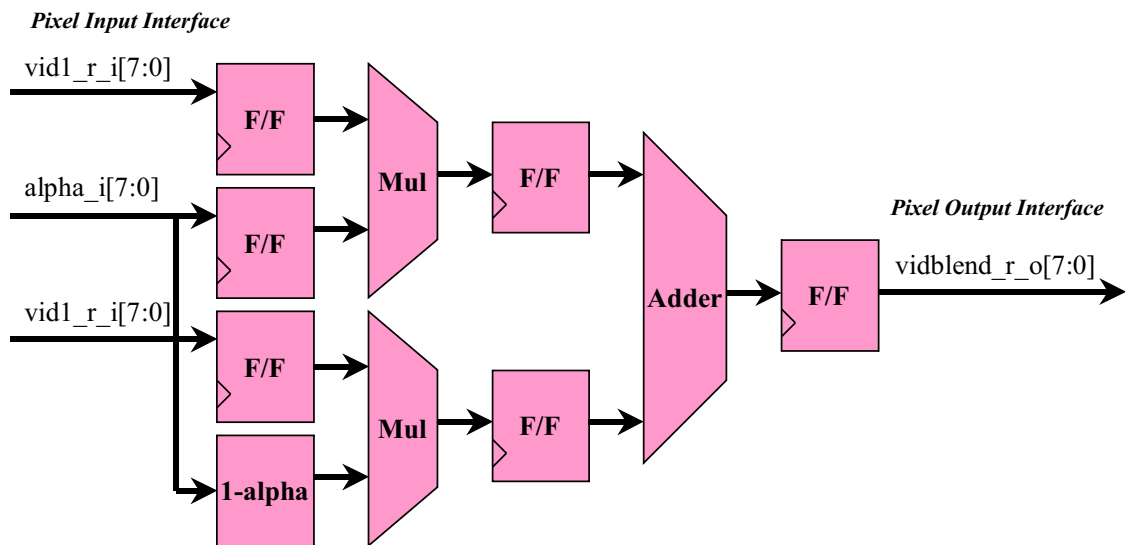
## Overview

iW-Alpha Blender is used when two video sources have to be viewed at the same time. This core can be easily integrated into video, medical, commercial and entertainment kind of applications which use LCD display.

## Features

- ❖ Blend 2 video source
- ❖ Pipelined multiplier
- ❖ Latency of 3 clocks

## Block Diagram



## Core Benefits

- ❖ Can be used in On Screen Display and Picture in Picture applications
- ❖ Simple design makes it easier to integrate in many FPGA families

## Core Applications

- ❖ Can be used in all kind of image and video processing systems
- ❖ Can be used in GPS application equipments, video phones and etc.

## 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.

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