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## SupraFRC™ 201: High Performance 100 / 120 HZ Display Processor

### FRAME RATE CONVERTER

#### Product Brief

#### Overview

Zoran's SupraFRC™ 201 high performance display processor is a self contained Frame Rate Converter for flat panel TV applications.

LCD technology magnifies motion blur and movie judder. Zoran's SupraFRC™ 201 processor increases the display frame rate, improving the image's sharpness and movement fluidity for an improved viewer experience.

Zoran's SupraFRC™ 201 processor is defined to seamlessly enable the use of high refresh rate panels in all TV designs and to deliver a noticeably higher image fidelity.

#### Key Benefits

- Enable 100 / 120Hz panels in any design
- LCD motion blur reduction
- Remove film judder
- Simple application design with integrated LVDS I/Os and I2C commands
- High performance with a single DDR2 memory option for any format

#### TV Applications

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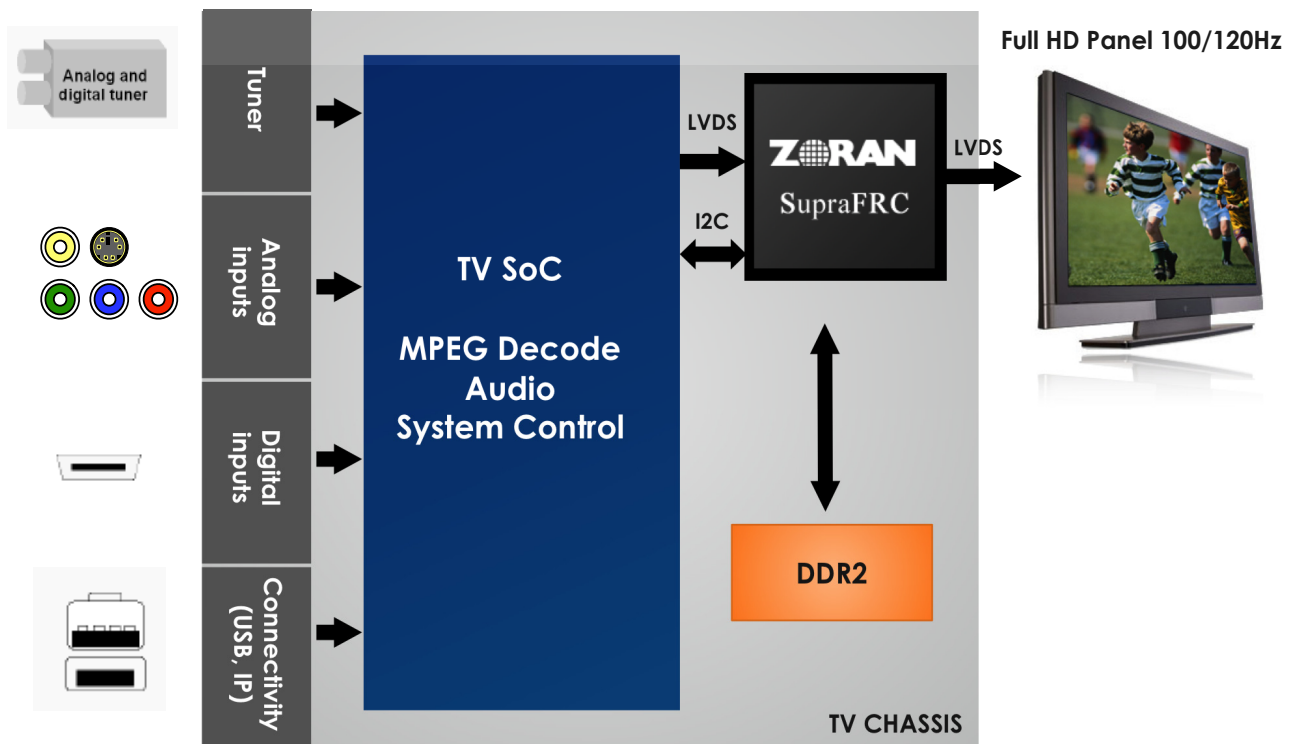
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Zoran's SupraFRC™ 201 processor leverages Zoran's portfolio of breakthrough algorithms including the award-winning bandlet technology, delivering unprecedented image quality for any content type.

Zoran's SupraFRC™ 201 processor performs advanced Frame Rate Conversion (FRC) and accurately creates missing intermediate frames from 24Hz film content and 50/60Hz video content to higher frame rates up to 100/120Hz. The patented breakthrough SupraFRC™ 201 Frame Rate Converter outperforms conventional Motion Estimation Motion Compensation (MEMC) FRC algorithms while consuming less power, fitting in a smaller package and using less memory than what is used by most conventional technologies.

#### Main Applications

- 100 / 120Hz enabled LCD TVs, Full HD and HD
- Film judder removal for PDP TVs
- High end Blu-Ray player
- Premium set-top-boxes



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F R A M E R A T E C O N V E R T E R

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