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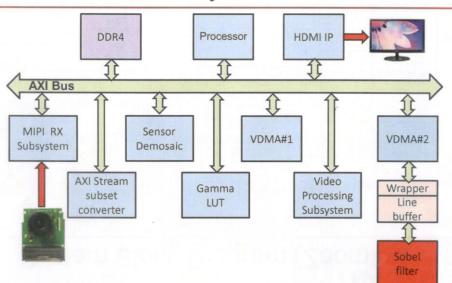
國家實驗研究院

TSRI Video System with Sobel Filter

www.narlabs.org.tw

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ZCU102 Video System



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TSRI Video System with Sobel Filter

- · TSRI video demo system
 - PS:UART \ I2C
 - PL: MIPI subsystem · HDMI subsystem · video processes · Sobel filter · A X Z V N MA
 - SDK:MIPI · HDMI · AXI VMDA
- Video processing system
- AXI VDMA
- · Video data flow
- · Sobel filter Debug
- · Xilinx SDK with Sobel Filter

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System Block Diagram

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