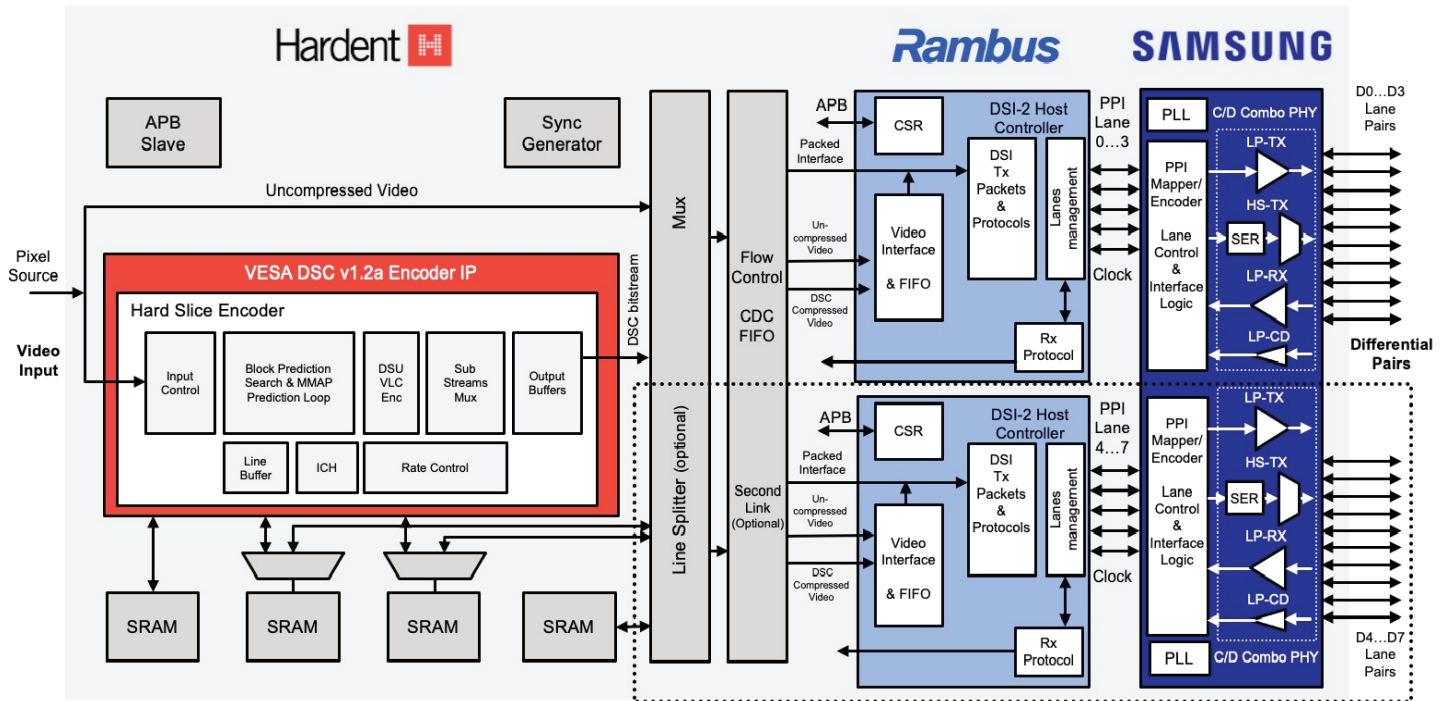


MIPI DSI-2 / VESA DSC Host IP Subsystem

Applications

- Mobiles
- AR / VR products
- Automotive video systems
- AP / SoC devices



Key Features

- Single or dual channel MIPI® DSI-2SM Transmitter with VESA Display Stream Compression (DSC) including:
 - **Hardent** DSC v1.2a Encoder IP
 - **Rambus** DSI-2 Host Controller (1 or 2 instances)
 - **Samsung Foundry** C/D Combo PHY (1 or 2 instances)
- Uncompressed & DSC Compressed video transmission supported across one or two links
- Supports asynchronous pixel source (from DMA) or synchronous pixel source (parallel video)
- Low power features
- SRAM sharing to reduce silicon area

Benefits

- Lower project risk with a fully integrated and verified IP solution
- Maximized functionality and availability of all MIPI DSI-2 operating modes
- Optimized for ASIC design performance (PPA)
- Accelerate SoC and ASIC time to market

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