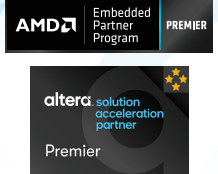


VIDIO™

12G SDI FMC Daughter Card



12G

4Kp60

IP



Providing high performance video interfacing for development boards with
AMD/Xilinx Ultrascale, Ultrascale+, Kintex, Virtex, and Zynq FPGAs
or Altera/Intel Agilex, Arria 10, Cyclone 10, and Stratix 10 FPGAs

Features

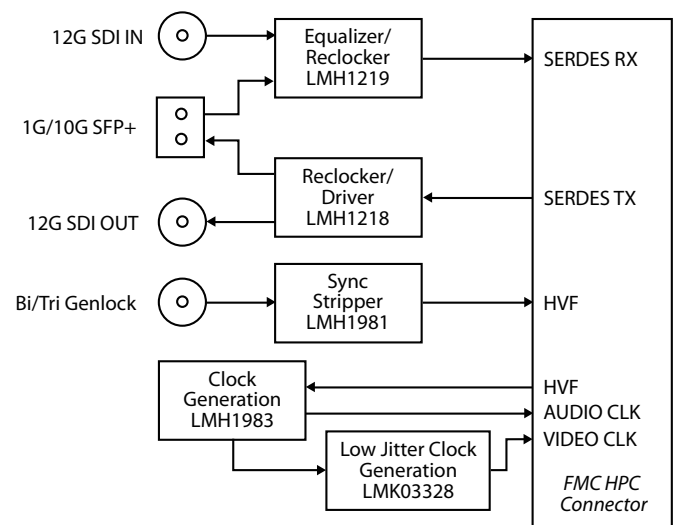
Designed to support AMD/Xilinx KCU116, KCU105, KC705, ZCU102/106, Altera/Intel Agilex 3/5/7, Arria 10, Cyclone 10, Stratix 10, and most other development boards supporting the FMC HPC Standard

- Single FMC board supports SDI, Fiber, and IP
- Highest Quality - Made in the USA
- Uses the latest 12G Texas Instruments® technology
- No software or programming required to initialize
- Can drive 12G SDI 100m with low jitter

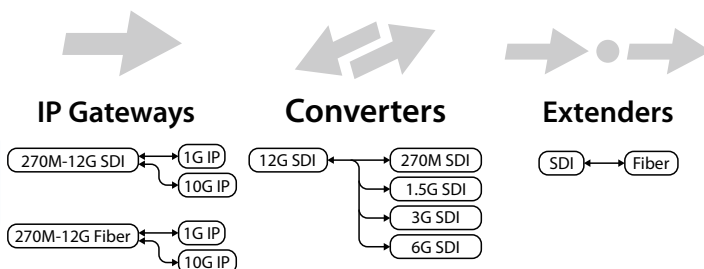
Connections

- 4Kp60 SDI I/O, supports SD/HD/3G/6G/12G/Fiber
- 1G/2.5G/10G Ethernet/Video SFP+
- Bi/Tri Level Genlock, supports Blackburst

Block Diagram



Applications



Ordering Info: VIDIO-12G-X (AMD/Xilinx)
VIDIO-12G-A (Altera/Intel)

Reference Designs Available

- Schematics, Layout, Gerbers, and BOM
- Example FPGA Projects

Nextera
Video

sales@nexteravideo.com
www.nexteravideo.com
(650) 600 - 9686