D.Module2 and FMC Development Platform

Kane Computing Ltd (KCL) today reported the availability of a new prototyping platform that enables developers to combine D.Module DSP and FPGA boards with Ansi Vita S7 compliant FMC modules.

Press Release

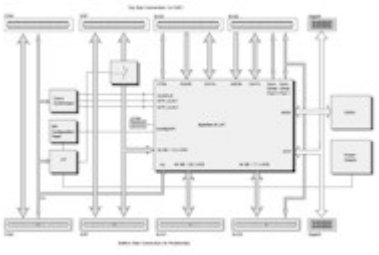
D2.Base-FMC Prototyping Platform

The D2.Base-FMC from D.SignT is a prototyping and evaluation platform for the D.Module2 family of DSP and FPGA boards. An Ansi Vita 57 compliant FMC LPC IO site allows it to be used with industry-standard mezzanine boards (A/D and D/A data acquisition, Video and Camera interfaces, Digital Radio frontends etc).

More Information

D.Module2.6SLX45T

The latest product the D.Module2.6SLX45T includes a Xilinx Spartan 6 FPGA, to provide high speed data preprocessing and connectivity for D.Module2 DSP boards.



The Spartan 6LXT FPGA family is perfectly suited for high-speed serial communication: Four Gigabit Transceiver Ports are available for PCI/e, SATA, SGMII, or SRIO links, or used as high speed data converter interfaces using the JESD204(A) standard. One Gigabit transceiver is routed to the DSP (top-side) connector, three are available on the bottom side connector.

The split D.Module2 bus interface on top and bottom-side connectors allows the FPGA to be inserted between the DSP and a data acquisition board.

More Information

The New D.Module2 Family

Available D.Module2 boards include a 720MHz TMS320DM642 fixed-point DSP board, a 300MHz TMS320C6747 floating-point DSP board, a 500MHz ADSP-TS203 TigerSHARC® floating-point board and a 2-channel, 8 MSPS, 12-bit AD/DA converter daughter card.

More Information