EAST COAST
DATACOM, INC.

Outstanding Features of the RDS-PLUS

We present all of our technical information on our web site for users and potential users.

The users Delay Features Presented

The amount of Delay, Delay Based on Data Rates, Delay Options and Repeatable Delay Accuracy over data rates low to high. And it should be well noted that this is a huge differentiator of the RDS-PLUS. Why purchase a Delay Simulator if you cannot get delay over the full range of rates. This is why a user purchases a DELAY SIMULATOR. Other competitors products cannot support this feature due to their design architecture. We too manufacture such a device called the UDC-RDS, that sells for less than $2000 US Dollars that is also modular. Again, no comparison to the RDS-PLUS.

The ease of configuring the RDS-PLUS via the one page Graphical User Interface(GUI) with stored test configurations is another huge advantage. This allows anyone anywhere to access the RDS-PLUS.

The RDS-PLUS is unsurpassed in the market place with our proprietary design features. The RDS-PLUS has been in production since 2005 with a large worldwide installed base.

The unit has been most notably purchased in volume by:

British Telcom, AT&T, Sprint, REUTERS, ITT, Lockheed Martin, General Dynamics, Raytheon, US NAVY SPAWAR, US MARINES, US AIR FORCE. The US ARMY has the largest installed base of RDS-PLUS units with over 75 units. The very first RDS-PLUS was sold to the US Army in 2005 and is still in use in a test lab today in Texas.

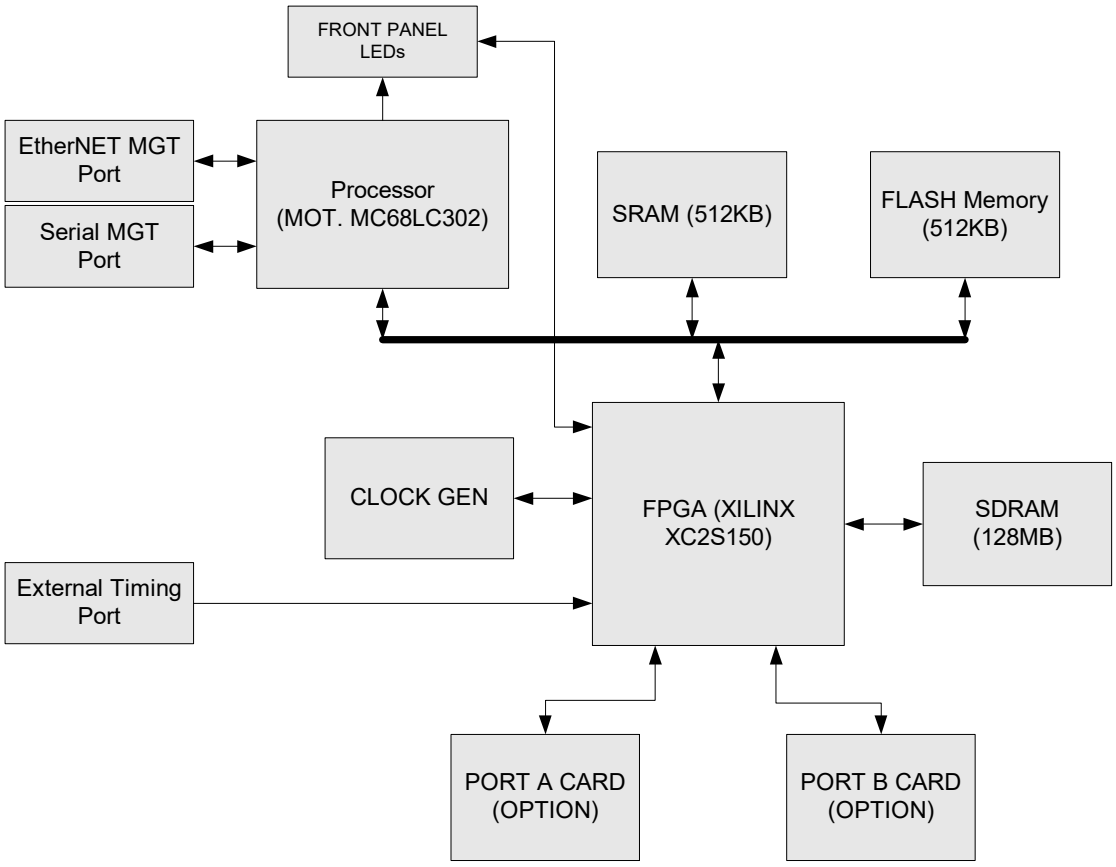
Another excellent reason why we are the leaders in this market: We have just introduced a new LVDS 52Mbps interface for connection to new satellite receivers and crypto devices that incorporate the new EIA-644 LVDS interface. The RDS-PLUS has modular interfaces that allow East Coast Datacom, Inc to continually develop new interface cards for the product. This modular approach has enabled the RDS-PLUS to present the largest selection of physical interfaces for a delay simulator on the market.

We can design custom interfaces for your customers equipment due to our architecture.

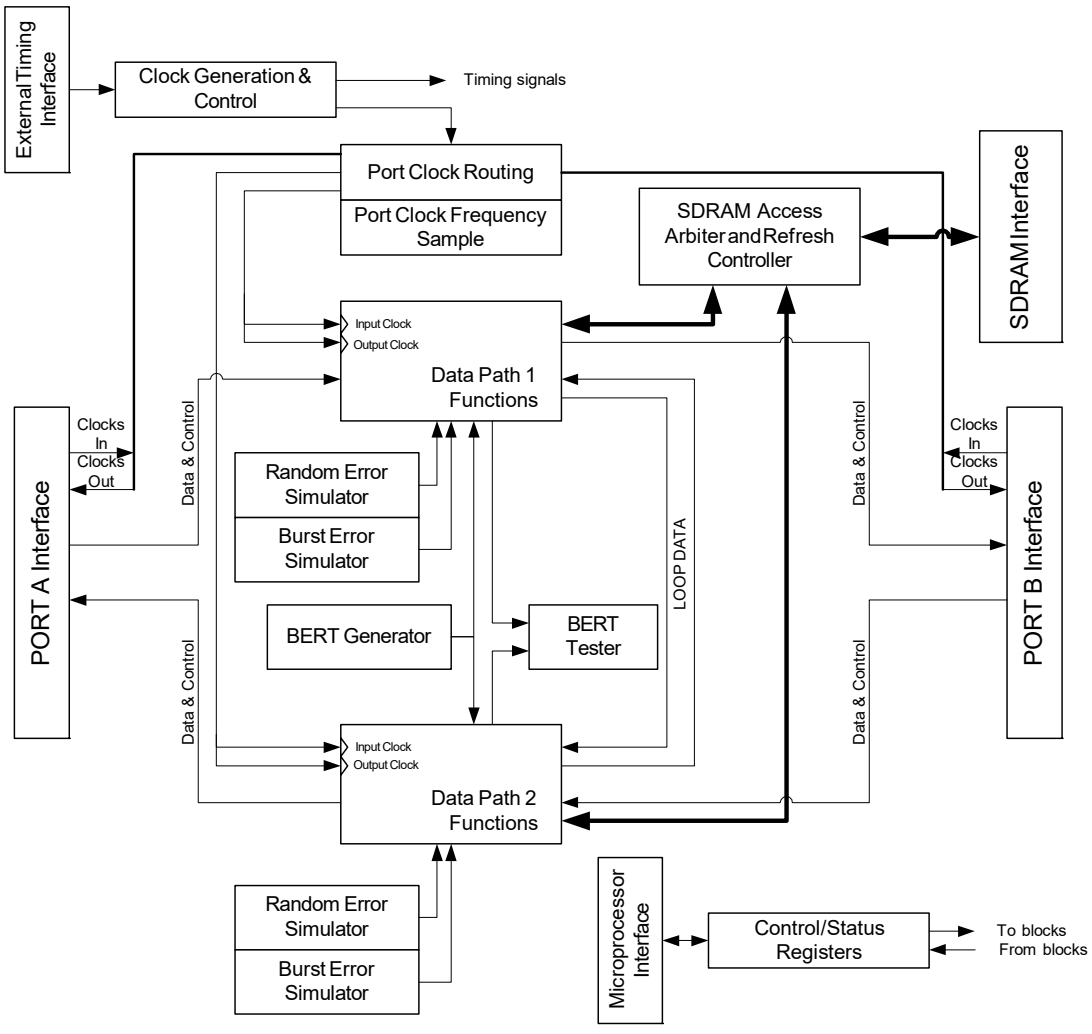
The RDS-PLUS is a very high tech design based around a Xilinx Spartan II XC2S150. The FPGA complex is the central hardware logic component and responsible for real-time data transport and clocking operations with and between Port A and Port B. Programming of the FPGA (a RAM-based device) is performed by the Processor when the system is booted up.

This proprietary design also utilizes a memory interleaving technique that is unmatched by rival competitors.

An overview of the hardware:



An overview of the FPGA:



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FINAL OVERVIEW OF DIFFERENCES:

1) RDS-PLUS has Long User Delays, 4 Seconds in each direction, 8 seconds round trip, 1Ms increments

2) RDS-PLUS Delay Rates are **NOT dependent** on the data rate

RDS-PLUS Propogation Delays:
5 milliseconds(mS) to over 4000 mS, in 1 mS increments, or from 4 bits to over 65,000 bits in 1 bit increments.
4 seconds each data path, 8 seconds round trip delays
Delays stated are available regardless of the DATA RATE
User can select DELAY in Ms Delay or Bit Delay

RDS-PLUS Delays also ALLOW:
Delay Data Only or Delay Data with Control Signals

RDS-PLUS Delay Options and Accuracy over a range of clock rates high and low:
Bit Delays allow very EXTREEM repeatable accurate results, within 0.1 Ms.
Normal Ms Delay accuracy is within 0.4Ms Accuracy.

It is repeatable Accuracy that we achieve via our FPGA design.

The whole concept of Delay Emulation is the amount of DELAY, the ACCURACY of those DELAYS and especially Repeatable results.

3) Serial Clock Rates may be entered via Command Line or GUI, **any** user selectable clock rate from 1.2k to 52M is entered by the user with Stratum 4 stability.

4) GUI User Interface or Serial Interface with all options easily displayed
5) In Operation since 2005 with over 1500 units sold worldwide
6) We offer the largest selection of Interfaces on the market
7) Leaders in the Delay Emulation Market and a New 1/10/40G Ethernet Delay Emulator being available in August
8) We offer 3-Year Warranty and Support including Free Software Upgrades when available