

Aeroflex SpaceWire Products

Industry Comparison



	UT200SpW4RTR ROUTER	UT200SpW16RTR ROUTER	UT100200SpWPHY01 TRANSCEIVER	UT100SpW02 PROTOCOL IP	AT7912E	AT7911E
Function	4-port SpW Router	16-port spW Router	Physical Layer Driver	SpW Node	Single bidirectional SpW link	3 identical bidirectional SpW links
System Interface	Synchronous transmit/receive FIFOs (256x9bits)	FIFO	Interface to UT200SpW4RTR, UT200SpW16RTR, or UT100SpW02		FFO (8- or 16-bit data width)	HOCl interface or link control interface
Physical Layer	N/A	N/A	LVDS	N/A	N/A	FIFO
Code Format	N/A	N/A	N/A	Verilog	N/A	N/A
Ports	4 SpW ports 1 System port	16 SpW ports 1 System port	1 SpW Node	1 SpW Node with redundancy	1 SpW Link	3 SpW links
Baud Rate	200Mbps	120Mbps	200Mbps	85Mbps	200Mbps	200Mbps
Package	208 FP	TBD	28 FP		100 MQFPF	196 MQFPL
Core Voltage	2.5V	2.5V	3.3V	N/A	3.3V	3.3V
I/O Voltage	3.3V	3.3V		N/A	5.0V	5.0V