

STE - 错误 #668

FPGA使用FH进行demo测试，概率性出现跑一会接收异常

2021-10-19 20:42 - 杨晋

状态:	挂起	开始日期:	2021-10-19
优先级:	普通	计划完成日期:	
指派给:	杨晋	% 完成:	0%
类别:		预期时间:	0.00 小时
目标版本:		耗时:	0.00 小时
问题归属:		CPU类型:	
描述			
Demo start running: txQ:1, rxQ:2 symbol_max num:14 symbol_size_max:65536 [Rx] Tput=6122Mbps timeDiff=4800180us rxTotal=3673600000 txCount=9998 rxCount=10000, tx_seq: 9998, rx_seq: 10000, diff: 2, ttiCount: 10000 [Tx] Tput=6121Mbps timeDiff=4800685us txTotal=3673600000 txCount=10000 rxCount=1, tx_seq: 10000, rx_seq: 10001, diff: 1, ttiCount: 10001 [Rx] Tput=6122Mbps timeDiff=4799998us rxTotal=3673600000 txCount=9998 rxCount=10000, tx_seq: 19998, rx_seq: 20000, diff: 2, ttiCount: 20000 [Tx] Tput=6122Mbps timeDiff=4800004us txTotal=3673600000 txCount=10000 rxCount=1, tx_seq: 20000, rx_seq: 20001, diff: 1, ttiCount: 20001 [Rx] Tput=6122Mbps timeDiff=4800135us rxTotal=3673600000 txCount=9999 rxCount=10000, tx_seq: 29999, rx_seq: 30000, diff: 1, ttiCount: 30000 [Tx] Tput=6122Mbps timeDiff=4800004us txTotal=3673600000 txCount=10000 rxCount=0, tx_seq: 30000, rx_seq: 30000, diff: 0, ttiCount: 30001 [Rx] Tput=6122Mbps timeDiff=4799997us rxTotal=3673600000 txCount=9999 rxCount=10000, tx_seq: 39999, rx_seq: 40000, diff: 1, ttiCount: 40000 [Tx] Tput=6122Mbps timeDiff=4800003us txTotal=3673600000 txCount=10000 rxCount=0, tx_seq: 40000, rx_seq: 40000, diff: 0, ttiCount: 40001 [Rx] Tput=6122Mbps timeDiff=4800001us rxTotal=3673600000 txCount=9999 rxCount=10000, tx_seq: 49999, rx_seq: 50000, diff: 1, ttiCount: 50000 [Tx] Tput=6122Mbps timeDiff=4800004us txTotal=3673600000 txCount=10000 rxCount=0, tx_seq: 50000, rx_seq: 50000, diff: 0, ttiCount: 50001 [Rx] Tput=6122Mbps timeDiff=4800137us rxTotal=3673600000 txCount=9999 rxCount=10000, tx_seq: 59999, rx_seq: 60000, diff: 1, ttiCount: 60000 [Tx] Tput=6122Mbps timeDiff=4800005us txTotal=3673600000 txCount=10000 rxCount=0, tx_seq: 60000, rx_seq: 60000, diff: 0, ttiCount: 60001 [Rx] Tput=6122Mbps timeDiff=4799999us rxTotal=3673600000 txCount=9999 rxCount=10000, tx_seq: 69999, rx_seq: 70000, diff: 1, ttiCount: 70000 [Tx] Tput=6122Mbps timeDiff=4800004us txTotal=3673600000 txCount=10000 rxCount=0, tx_seq: 70000, rx_seq: 70000, diff: 0, ttiCount: 70001 [Rx] Tput=6122Mbps timeDiff=4800000us rxTotal=3673600000 txCount=9999 rxCount=10000, tx_seq: 79999, rx_seq: 80000, diff: 1, ttiCount: 80000 [Tx] Tput=6122Mbps timeDiff=4800004us txTotal=3673600000 txCount=10000 rxCount=0, tx_seq: 80000, rx_seq: 80000, diff: 0, ttiCount: 80001 [Tx] Tput=6122Mbps timeDiff=4800004us txTotal=3673600000 txCount=10000 rxCount=8690, tx_seq: 90000, rx_seq: 88690, diff: -1310, ttiCount: 90001 [Rx] Tput=4851Mbps timeDiff=6057700us rxTotal=3673600000 txCount=2619 rxCount=10000, tx_seq: 92619, rx_seq: 90000, diff: -2619, ttiCount: 92621 [Tx] Tput=6122Mbps timeDiff=4799999us txTotal=3673600000 txCount=10000 rxCount=3690, tx_seq: 100000, rx_seq: 93690, diff: -6310, ttiCount: 100001 [Tx] Tput=6122Mbps timeDiff=4800001us txTotal=3673600000 txCount=10000 rxCount=8690, tx_seq: 110000, rx_seq: 98690, diff: -11310, ttiCount: 110001 [Rx] Tput=3061Mbps timeDiff=9600008us rxTotal=3673600000 txCount=2619 rxCount=10000, tx_seq: 112619, rx_seq: 100000, diff: -12619, ttiCount: 112621 [Tx] Tput=6122Mbps timeDiff=4800000us txTotal=3673600000 txCount=10000 rxCount=3690, tx_seq: 120000, rx_seq: 103690, diff: -16310, ttiCount: 120001 [Tx] Tput=6122Mbps timeDiff=4800001us txTotal=3673600000 txCount=10000 rxCount=8690, tx_seq: 130000, rx_seq: 108690, diff: -21310, ttiCount: 130001 [Rx] Tput=3061Mbps timeDiff=9600009us rxTotal=3673600000 txCount=2619 rxCount=10000, tx_seq: 132619, rx_seq: 110000, diff: -22619, ttiCount: 132621 [Tx] Tput=6122Mbps timeDiff=4800000us txTotal=3673600000 txCount=10000 rxCount=3690, tx_seq: 140000, rx_seq: 113690, diff: -26310, ttiCount: 140001 [Tx] Tput=6122Mbps timeDiff=4800000us txTotal=3673600000 txCount=10000 rxCount=8690, tx_seq: 150000, rx_seq: 118690, diff: -31310, ttiCount: 150001 [Rx] Tput=3061Mbps timeDiff=9600009us rxTotal=3673600000 txCount=2619 rxCount=10000, tx_seq: 152619, rx_seq: 120000, diff: -32619, ttiCount: 152621			
现象如上			
相关的问题:			
关联到 BA5000平台 - 错误 #673: fhdemo tti 丢失		已解决	2021-10-26 2021-10-26
关联到 BA5000平台 - 错误 #674: fhdemo 绑定cpu后，接收时出现rx_seq 跟 ttiCo...		已解决	2021-10-26

历史记录

#1 - 2021-10-20 10:13 - guo hanlin

- 项目从STE UT 变更为STE

#2 - 2021-10-20 10:14 - 杨晋

- 主题从FPGA使用FH进行demo测试，跑一会出现接收异常 变更为FPGA使用FH进行demo测试，概率性出现跑一会接收异常

- 指派给 被设置为 杨晋

#3 - 2021-10-20 18:20 - 杨晋

经调测，发现在出现上述接收包变少时，fpga进入dma模块的fhd数据并没有少，且出现无可用描述符的错误标志，说明这个问题与完成标志的上报和dma下发描述符等有关

#4 - 2021-10-22 17:17 - 杨晋

- 文件rx_neg1.png 已添加

#5 - 2021-10-22 17:19 - 杨晋

- 状态从新建 变更为挂起

新出了加调测和采数版本，但问题一直无法复现，暂时挂起。再全系统环境测试

#6 - 2021-10-26 16:23 - 杨晋

- 关联到 错误#673: fhdemo tti 丢失 已添加

#7 - 2021-10-26 16:23 - 杨 晋

- 关联到 错误 #674: fhdemo 绑定cpu后，接收时出现rx_seq 跟 ttiCount 逐渐增大的情况。已添加

文件

rx_dis.png	85.5 KB	2021-10-19	杨 晋
rx_neg1.png	39.4 KB	2021-10-22	杨 晋