

Ares_gen1_2_1_train_p.pex:

Root complex traverses from Rcvry.RcvrCfg at packet 189561.

Packet 189560	R→	5.0 x2	TS1	COM	Link	Lane	N_FTS	Training Control	Data Rate	TS1 Symbols	Time Delta	Time Stamp
				K28.5	4	*	15	0 0 0 0	2.5 GT/s, 5 GT/s	D10.2 ...	32.000 ns	- 0000 . 000 000 032 s
Packet 189561	R→	5.0 x2	TS1	COM	Link	Lane	N_FTS	Training Control	Data Rate	TS1 Symbols	Time Delta	Time Stamp
				K28.5	4	*	255	0 0 0 0	2.5 GT/s, 5 GT/s	D10.2 ...	0.000 ns	0000 . 000 000 000 s
Packet 189562	R→	5.0 x2	TS2	COM	Link	Lane	N_FTS	Training Control	Data Rate	TS2 Symbols	Time Delta	Time Stamp
				K28.5	4	*	15	0 0 0 0	2.5 GT/s, 5 GT/s	D05.2 ...	32.000 ns	0000 . 000 000 000 s
Packet 189563	R→	5.0 x2	TS1	COM	Link	Lane	N_FTS	Training Control	Data Rate	TS1 Symbols	Time Delta	Time Stamp
				K28.5	4	*	255	0 0 0 0	2.5 GT/s, 5 GT/s	D10.2 ...	0.000 ns	0000 . 000 000 032 s
Packet 189564	R→	5.0 x2	TS2	COM	Link	Lane	N_FTS	Training Control	Data Rate	TS2 Symbols	Time Delta	Time Stamp
				K28.5	4	*	15	0 0 0 0	2.5 GT/s, 5 GT/s	D05.2 ...	32.000 ns	0000 . 000 000 032 s
Packet 189565	R→	5.0 x2	TS1	COM	Link	Lane	N_FTS	Training Control	Data Rate	TS1 Symbols	Time Delta	Time Stamp
				K28.5	4	*	255	0 0 0 0	2.5 GT/s, 5 GT/s	D10.2 ...	0.000 ns	0000 . 000 000 064 s
Packet 189566	R→	5.0 x2	TS2	COM	Link	Lane	N_FTS	Training Control	Data Rate	TS2 Symbols	Time Delta	Time Stamp
				K28.5	4	*	15	0 0 0 0	2.5 GT/s, 5 GT/s	D05.2 ...	32.000 ns	0000 . 000 000 064 s
Packet 189567	R→	5.0 x2	TS1	COM	Link	Lane	N_FTS	Training Control	Data Rate	TS1 Symbols	Time Delta	Time Stamp
				K28.5	4	*	255	0 0 0 0	2.5 GT/s, 5 GT/s	D10.2 ...	0.000 ns	0000 . 000 000 096 s
Packet 189568	R→	5.0 x2	TS2	COM	Link	Lane	N_FTS	Training Control	Data Rate	TS2 Symbols	Time Delta	Time Stamp
				K28.5	4	*	15	0 0 0 0	2.5 GT/s, 5 GT/s	D05.2 ...	32.000 ns	0000 . 000 000 096 s

Root complex link goes down after sending 9 TS2.

Packet 189578	R→	5.0 x2	TS2	COM	Link	Lane	N_FTS	Training Control	Data Rate	TS2 Symbols	Time Delta	Time Stamp
				K28.5	4	*	15	0 0 0 0	2.5 GT/s, 5 GT/s	D05.2 ...	32.000 ns	0000 . 000 000 256 s
Packet 189579	R←	5.0 x2	TS1	COM	Link	Lane	N_FTS	Training Control	Data Rate	TS1 Symbols	Time Delta	Time Stamp
				K28.5	4	*	255	0 0 0 0	2.5 GT/s, 5 GT/s	D10.2 ...	0.000 ns	0000 . 000 000 288 s
Packet 189580	R→	5.0 x2	EIOS	COM	EIOS Symbols			Idle		Time Stamp		
				K28.5	K28.3	K28.3	K28.3	0.000 ns		0000 . 000 000 288 s		
Packet 189581	R→	5.0 x2	EIOS	COM	EIOS Symbols			Time Delta		Time Stamp		
				K28.5	K28.3	K28.3	K28.3	24.000 ns		0000 . 000 000 296 s		
Packet 189582	R←	5.0 x2	TS1	COM	Link	Lane	N_FTS	Training Control	Data Rate	TS1 Symbols	Time Stamp	
				K28.5	4	*	255	0 0 0 0 0	2.5 GT/s, 5 GT/s	D10.2 ...	0000 . 000 000 320 s	
Packet 189583	R→	5.0 x2	Link Event	Link Down		Time Delta		Time Stamp				
						24.000 ns		0000 . 000 000 328 s				
Packet 189584	R←	5.0 x2	TS1	COM	Link	Lane	N_FTS	Training Control	Data Rate	TS1 Symbols	Idle	Time Stamp
				K28.5	4	*	255	0 0 0 0 0	2.5 GT/s, 5 GT/s	D10.2 ...	0.000 ns	0000 . 000 000 352 s

IDT switch link goes down at packet and 190566 and downgrade to Gen1.

Packet 190563	R←	5.0 x2	TS1	COM	Link	Lane	N_FTS	Training Control	Data Rate	TS1 Symbols	Idle	Time Stamp
				K28.5	4	*	255	0 0 0 0	2.5 GT/s, 5 GT/s	D10.2 ...	0.000 ns	0000 . 000 031 392 s
Packet 190564	R←	5.0 x2	EIOS	COM	EIOS Symbols			Idle	Time Stamp			
				K28.5	K28.3	K28.3	K28.3	0.000 ns	0000 . 000 031 424 s			
Packet 190565	R←	5.0 x2	EIOS	COM	EIOS Symbols			Time Stamp				
				K28.5	K28.3	K28.3	K28.3	0000 . 000 031 432 s				
Packet 190566	R←	5.0 x2	Link Event	Time Stamp								
			Link Down	0000 . 000 031 522 s								
Packet 190567	R←	5.0 x2	Link Event	Time Stamp								
			Link Up	0000 . 000 032 350 s								
Packet 190568	R→	5.0 x2	Link Event	Time Delta		Time Stamp						
			Link Up	24.240 us		0000 . 000 038 124 s						
Packet 190569	R←	2.5 x2	TS1	COM	Link	Lane	N_FTS	Training Control	Data Rate	TS1 Symbols	Idle	Time Stamp
				K28.5	4	*	128	0 0 0 0	2.5 GT/s, 5 GT/s	D10.2 ...	0.000 ns	0000 . 000 062 364 s
Packet 190570	R←	2.5 x2	SKIP	COM	SKIP Symbols			Idle	Time Stamp			
				K28.5	K28.0	K28.0	K28.0	0.000 ns	0000 . 000 062 428 s			
Packet 190571	R←	2.5 x2	TS1	COM	Link	Lane	N_FTS	Training Control	Data Rate	TS1 Symbols	Idle	Time Stamp
				K28.5	4	*	128	0 0 0 0	2.5 GT/s, 5 GT/s	D10.2 ...	0.000 ns	0000 . 000 062 444 s
Packet 190572	R←	2.5 x2	TS1	COM	Link	Lane	N_FTS	Training Control	Data Rate	TS1 Symbols	Idle	Time Stamp
				K28.5	4	*	128	0 0 0 0	2.5 GT/s, 5 GT/s	D10.2 ...	0.000 ns	0000 . 000 062 508 s
Packet 190573	R←	2.5 x2	TS1	COM	Link	Lane	N_FTS	Training Control	Data Rate	TS1 Symbols	Idle	Time Stamp
				K28.5	4	*	128	0 0 0 0	2.5 GT/s, 5 GT/s	D10.2 ...	0.000 ns	0000 . 000 062 572 s