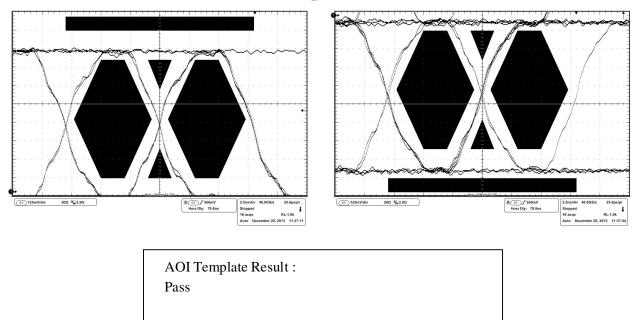
Test Report for 100Base-TX

Time: 11:49:17	
Device ID :	Not Available
Device Description :	DK-TM4C129X
Port ID :	Chan-A

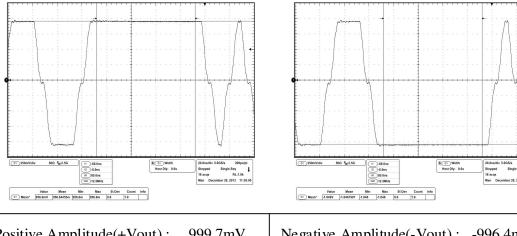
Test	Spec. Range	Measured Value	Result
AOI Template	Fit the template		Pass
Output Voltage (+Vout)	950mV to1050mV	999.7mV	Pass
Output Voltage (-Vout)	-950mV to -1050mV	-996.4mV	Pass
Amplitude Symmetry	0.98 to 1.02	1.003	Pass
Rise Time(+ve)	3ns to 5ns	4.39ns	Pass
Rise Time(-ve)	3ns to 5ns	4.37ns	Pass
Fall Time(+ve)	3ns to 5ns	4.21ns	Pass
Fall Time(-ve)	3ns to 5ns	4.28ns	Pass
Rise/Fall Symmetry(+ve)	<500ps	174ps	Pass
Rise/Fall Symmetry(-ve)	<500ps	85.7ps	Pass
Overshoot(+ve)	<5%	2.25%	Pass
Overshoot(-ve)	<5%	2.04%	Pass
Transmit Jitter(+ve)	<1.4ns	360ps	Pass
Transmit Jitter(-ve)	<1.4ns	430ps	Pass
Distortion (Duty Cycle)	<500ps(±250ps)	340ps	Pass
Transmitter Return Loss			Not Available
Receiver Return Loss			Not Available

Application Version: 3.2.6 Build 7



ANSI X3.263-1995: Annex J AOI Template

ANSI X.3.263-1995 : 9.1.2.2 Differential Output Voltage



Positive Amplitude(+Vout): 999.7mV	Negative Amplitude(-Vout) : -996.4mV
Baseline(+ve) : -43.0mV	Baseline(-ve) : -49.8mV
Spec Range : 950mV to 1050mV	Spec Range : -950mV to -1050mV
Output Voltage(+Vout) Result : Pass	Output Voltage(-Vout) Result : Pass

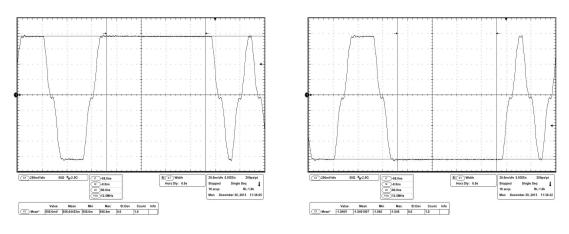
Differential Output Voltage Result :

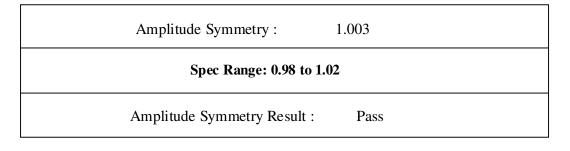
Pass

NOTE: Amplitude values are corrected for Baseline

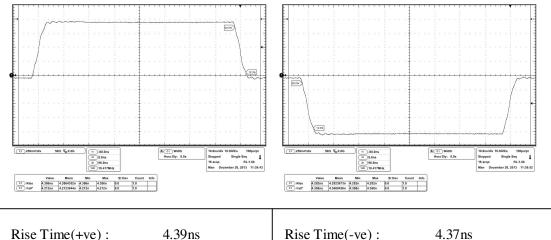
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ANSI X3.263-1995: 9.1.4 Signal Amplitude Symmetry





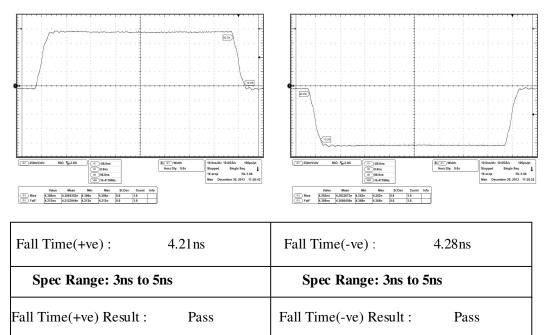
ANSI X3.263-1995: 9.1.6 Rise Time



Rise Time(+ve) : 4.39ns	Rise Time(-ve) : 4.37ns
Spec Range: 3ns to 5ns	Spec Range: 3ns to 5ns
Rise Time(+ve) Result : Pass	Rise Time(-ve) Result : Pass

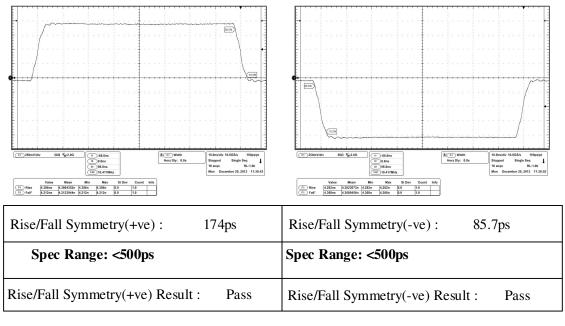
Rise Time Test Result :

ANSI X3.263-1995: 9.1.6 Fall Time



Fall Time Test Result : Pass

ANSI X3.263-1995: 9.1.6 Rise Fall Symmetry

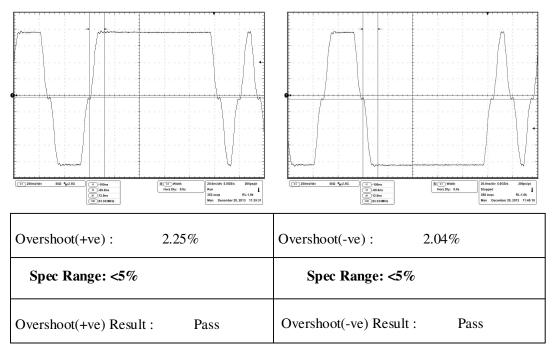


Rise/Fall Symmetry(Max-Min) :

174ps

Rise/Fall Symmetry Result :

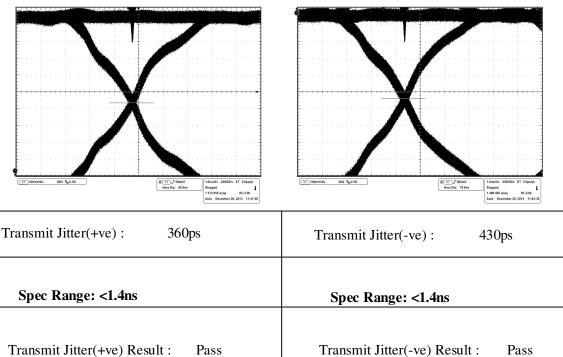
ANSI X3.263-1995: 9.1.3 Waveform Overshoot



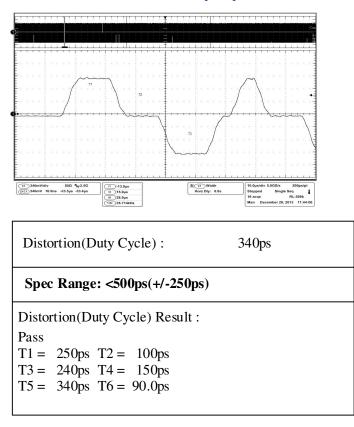
Waveform Overshoot Test Results :

Pass

ANSI X3.263-1995: 9.1.9 Transmit Jitter



ANSI X3.263-1995: 9.1.8 Distortion(Duty Cycle)



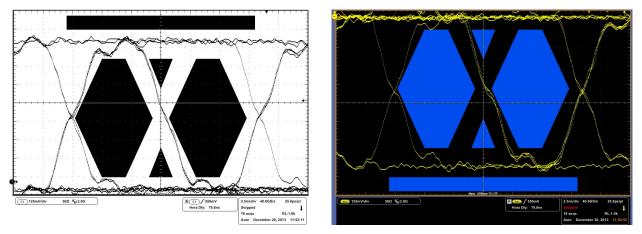
Test Report for 100Base-TX

Time: 12:00:22	
Device ID :	Not Available
Device Description :	DK-TM4C129X
Port ID :	Chan-B

Test	Test Spec. Range		Result	
AOI Template	Fit the template		Pass	
Output Voltage (+Vout)	950mV to1050mV	997.6mV	Pass	
Output Voltage (-Vout)	-950mV to -1050mV	-996.0mV	Pass	
Amplitude Symmetry	0.98 to 1.02	1.002	Pass	
Rise Time(+ve)	3ns to 5ns	3.52ns	Pass	
Rise Time(-ve)	3ns to 5ns	3.46ns	Pass	
Fall Time(+ve)	3ns to 5ns	3.37ns	Pass	
Fall Time(-ve)	3ns to 5ns	3.3ns	Pass	
Rise/Fall Symmetry(+ve)	<500ps	157ps	Pass	
Rise/Fall Symmetry(-ve)	<500ps	157ps	Pass	
Overshoot(+ve)	<5%	2.27%	Pass	
Overshoot(-ve)	<5%	2.72%	Pass	
Transmit Jitter(+ve)	<1.4ns	1.01ns	Pass	
Transmit Jitter(-ve)	<1.4ns	910ps	Pass	
Distortion (Duty Cycle)	<500ps(±250ps)	467ps	Pass	
Transmitter Return Loss			Not Available	
Receiver Return Loss			Not Available	

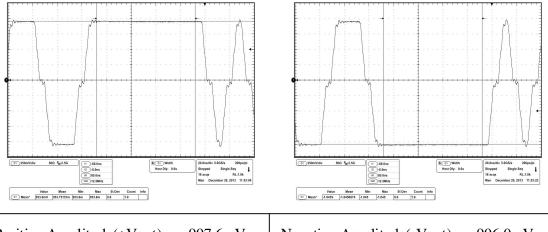
Application Version: 3.2.6 Build 7

ANSI X3.263-1995: Annex J AOI Template



AOI Template Result :			
Pass			
Hits pe	r Seg	gment	
Seg1	0	Seg2	0
Seg3	0	Seg4	10
Seg5	0	Seg6	0
Seg7	0	Seg8	0
Seg9	0	Seg10	0

ANSI X.3.263-1995 : 9.1.2.2 Differential Output Voltage



Positive Amplitude(+Vout): 997.6mV	Negative Amplitude(-Vout) : -996.0mV
Baseline(+ve) : -43.8mV	Baseline(-ve) : -49.1mV
Spec Range : 950mV to 1050mV	Spec Range : -950mV to -1050mV

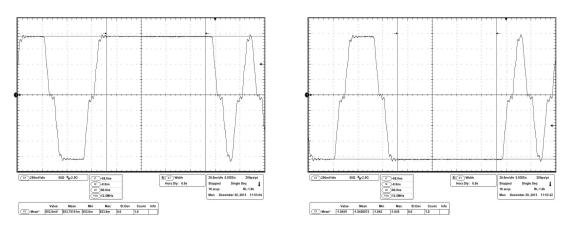
Differential Output Voltage Result :

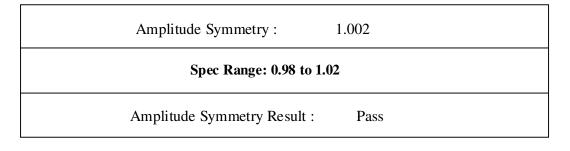
Pass

NOTE: Amplitude values are corrected for Baseline

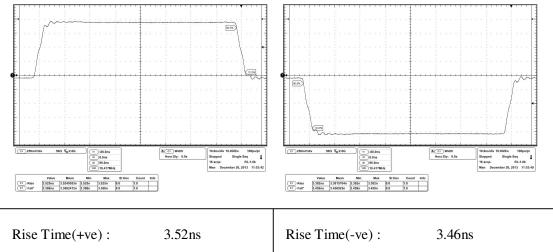
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ANSI X3.263-1995: 9.1.4 Signal Amplitude Symmetry





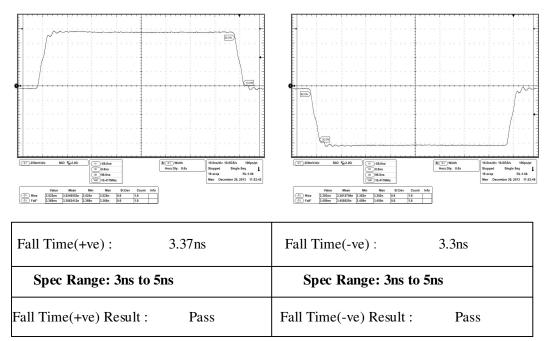
ANSI X3.263-1995: 9.1.6 Rise Time



Rise Time(+ve) : 3.52ns	Rise Time(-ve) : 3.46ns
Spec Range: 3ns to 5ns	Spec Range: 3ns to 5ns
Rise Time(+ve) Result : Pass	Rise Time(-ve) Result : Pass

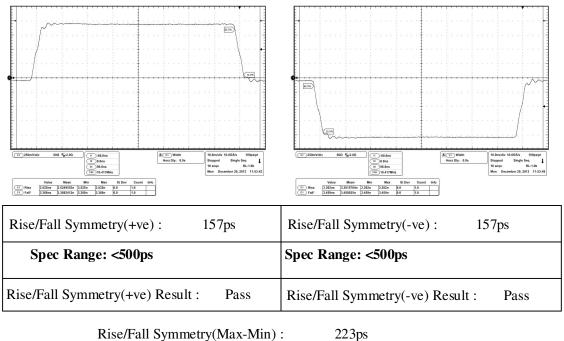
Rise Time Test Result :

ANSI X3.263-1995: 9.1.6 Fall Time



Fall Time Test Result : Pass

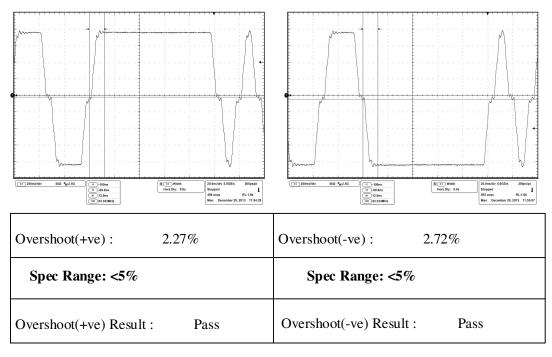
ANSI X3.263-1995: 9.1.6 Rise Fall Symmetry



Rise/Fall Symmetry(Max-Min) :

Rise/Fall Symmetry Result :

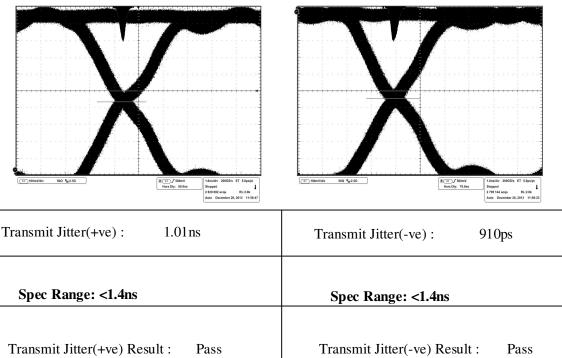
ANSI X3.263-1995: 9.1.3 Waveform Overshoot



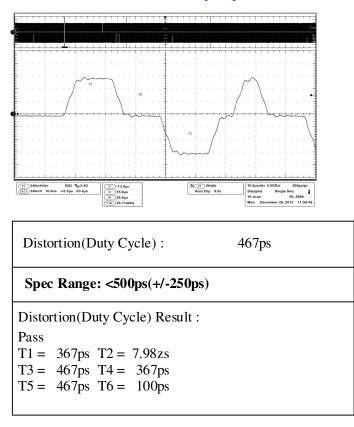
Waveform Overshoot Test Results :

Pass

ANSI X3.263-1995: 9.1.9 Transmit Jitter



ANSI X3.263-1995: 9.1.8 Distortion(Duty Cycle)



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