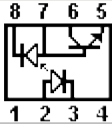


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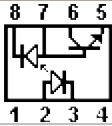
# High Speed-High Gain Line Receiver/Logic Interface Optocouplers

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## 6N135-136 ICPL2502-2503: High Speed-High Gain Line Receiver/Logic Interface Optocouplers

		6N135	6N136	ICPL2502	ICPL2503
<b>Diagram</b>		Optically Coupled Pair with LED and Photon Detector			
<b>Current Transfer Ratio MIN</b>		7 %	19 %	15-22 %	15 %
<b>Typical Data Rate (NRZ)</b>		1 M bit/s			
<b>Specified Input Current</b>		16 mA			
<b>Isolation Voltage MIN</b>		3000 V			
<b>Propagation Delay Time MAX</b> Vcc = 5 V, If = 16 mA	tPHL	1.5 $\mu$ s Rl = 4.1 Kohm	0.8 $\mu$ s Rl = 1.9 Kohm	1.5 $\mu$ s Rl = 4.7 Kohm	
	tPLH	Kohm		2.5 $\mu$ s Rl = 4.7 Kohm	

## ICPL2530,2531,2533: High Speed-High Gain Line Receiver/Logic Interface Optocouplers

Part	ICPL2530	ICPL2531	ICPL2533	
	Optically Coupled Pair with LED and Photon Detector			
<b>Current Transfer Ratio MIN</b>	7 %	19 %	12 %	
<b>Typical Data Rate (NRZ)</b>	1 M bit/s		250 K bit/s	
<b>Specified Input Current</b>	16 mA			
<b>Isolation Voltage MIN</b>	3000 V			
<b>Propagation Delay Time MAX</b> Vcc = 5 V, If = 16 mA	tPHL	1.5 $\mu$ s Rl = 4.1 Kohm	0.8 $\mu$ s Rl = 1.9 Kohm	1.5 $\mu$ s Rl = 7.5 Kohm If = 8 mA
	tPLH			2.5 $\mu$ s Rl = 7.5 Kohm If = 8 mA

High Reliability... [CS800](#)

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