




5.0 to 6.0A Peak Output Current Driver Coupler (DIP8)

CHARACTERISTIC	 TOSHIBA Leading Innovation >>>		 TOSHIBA Leading Innovation >>>		 AVAGO TECHNOLOGIES	
	TLP358 / TLP358F	TLP358H / TLP358HF	ACNW3190			
Package	DIP8		DIP8		DIP8	
Output Current IOPH/IOPL (max)	±6.0 A		±6.0 A		±5.0 A	
Operating Temperature Range Topr	-40~100°C		-40~125°C		-40~100°C	
Supply Voltage VCC	15~30 V		15~30 V		15~30 V	
Logic Low/High Supply Current ICCH/ICCL (max)	2 mA		2 mA		5 mA	
Threshold Input Current IFLH (max)	5 mA		5 mA		8 mA	
Propagation Delay Time tpLH/tpHL(max.)	Min.	Max.	Min.	Max.	Min.	Max.
	50 ns	500 ns	50 ns	500 ns	100 ns	500 ns
Pulse Width Distortion tpHL-tpLH	Min.	Max.	Min.	Max.	Min.	Max.
	-	250 ns	-	250 ns	-	300 ns
Propagation Delay Difference Between Any Two Parts or Channels PDD (tpHL-tpLH)	Min.	Max.	Min.	Max.	Min.	Max.
	-	-	-	-	-350 ns	350 ns
Common Mode Transient Immunity CMH/CML (min.) (Ta=25°C)	± 20 kV/ms		± 20 kV/ms		± 15 kV/μs	
Isolation Voltage BVs (min) (Ta=25°C)	3750 Vrms		3750 Vrms		5000 Vrms	