

Main Specifications

(Isolation Voltage, Common-mode Transient Immunity: @Ta = 25 degrees Celsius,
Other Specs: @Ta = -40 to 110 degrees Celsius)

Part Number	TLP5771	TLP5772	TLP5774
Package	SO6L		
Peak Output Current	±1.0 A	±2.5 A	±4.0 A
Operation Voltage Range	10 to 30 V		
Threshold Input Current	2 mA (max)		
Supply Current	3 mA (max)		
Propagation Delay Time	150 ns (max)		
Propagation Delay Skew	80 ns (max)		
Rail-to-Rail output	Equipped		
UVLO Function	Equipped		
Creepage / Clearance Distance	8 mm (min)		
Isolation Voltage	5,000 Vrms (min)		
Common-mode Transient Immunity	±35 kV/μs (min)		
Operation Temperature Range	-40 to 110 degrees Celsius		
Examples of Applicable Power Devices	Small-scale IGBTs (up to 20 A) and MOSFETs	Mid-scale IGBTs (up to 80 A) and MOSFETs	Mid-scale IGBTs (up to 100 A) and MOSFETs