

(Unless otherwise specified, T_a=-40 to 125°C)

Part number				TLP5814H
Active Miller Clamp function				Built-in
Packages	Name			SO8L
	Size (mm)	Typ.	5.85×10×2.1	
Absolute maximum ratings	Operating temperature T _{opr} (°C)			-40 to 125
	Peak output current I _{OPL} /I _{OPH} (A)			+6.8/-4.8
	Peak clamp sinking current I _{CLAMP} (A)			+6.8
Recommended operating conditions	Supply voltage V _{CC} (V)			13 to 23
	Input on-state current I _{F(ON)} (mA)			4.5 to 10
Electrical characteristics	High-level supply current I _{CCH} (mA)	V _{CC} –	Max	5.0
	Low-level supply current I _{CCL} (mA)	V _{EE} =23V	Max	5.0
	Threshold input current (L/H) I _{FLH} (mA)		Max	3.0
	UVLO threshold voltage V _{UVLO+} (V)		Max	13.2
Switching characteristics	Propagation delay time (L/H) t _{pLH} (ns)	V _{CC} =23V	Max	150
	Propagation delay time (H/L) t _{pHL} (ns)	V _{CC} =23V	Max	130
	Common-mode transient immunity CM _H , CM _L (kV/μs)	T _a =25°C	Min	±70
Isolation characteristics	Isolation voltage BV _S (Vrms)	T _a =25°C	Min	5000
Sample Check & Availability				Buy Online