

(T_a=25°C)

Part number			TLP3414S	TLP3431S
Package	Toshiba's name		S-VSON4T	
	Size (mm)		1.45×2.0 (typ.), t=1.3 (typ.)	
Contact type			1-Form-A (Normally opened)	
Absolute maximum ratings	OFF-state output terminal voltage V _{OFF} (V)		40	20
	ON-state current I _{ON} (mA)		250	450
	ON-state current (pulsed) I _{ONP} (mA)		750	1350
	Operating temperature T _{opr} (°C)		-40 to 110	
	Isolation voltage BV _S (V _{rms})	AC, 60s, R.H.≤60%	500	
Coupled electrical characteristics	Trigger LED current I _{FT} (mA)	Max	3	
	ON-state resistance R _{ON} (Ω)	Typ.	2	0.8
		Max	3	1.2
Electrical characteristics	Output capacitance C _{OFF} (pF)	Typ.	6.5	
Switching characteristics	Turn-on time t _{ON} (μs)	Max	150 ^[5]	
	Turn-off time t _{OFF} (μs)		100 ^[5]	
Sample Check & Availability			Buy Online	Buy Online