

## Main Specifications

(T<sub>a</sub>=25°C unless otherwise specified)

Part number			<a href="#">TPD4163K</a>	<a href="#">TPD4164K</a>	
Absolute maximum ratings	Power supply V <sub>BB</sub> (V)		600		
	Output current (DC) I <sub>out</sub> (A)		1	2	
Operation ranges	Operating power supply voltage V <sub>BB</sub> (V)	max	450		
Electrical Characteristics	Output saturation voltage	V <sub>CEsatH</sub> (V)	typ.	2.6 (I <sub>c</sub> =0.5A)	3.0 (I <sub>c</sub> =1A)
		V <sub>CEsatL</sub> (V)			
	FRD forward voltage	V <sub>FH</sub> (V)	typ.	2.0 (I <sub>F</sub> =0.5A)	2.5 (I <sub>F</sub> =1A)
		V <sub>FL</sub> (V)			
Package	Type		Through hole		
	Toshiba's name		HDIP30		
	Size (mm)		32.8×13.5 (typ.), t=3.525 (typ.)		
Protect function			Over-current/thermal shutdown/under-voltage/shutdown function controlled by SD pin		
Sample Check & Availability			<a href="#">Buy Online</a>	<a href="#">Buy Online</a>	