

(T_a=25°C unless otherwise specified)

Part number		TB67S581FNG	TB67S580FNG	TB67H481FNG	TB67H480FNG
Operating ranges	Motor power supply V_M (V)	T_a= -40 to 85°C		8.2 to 44	
Absolute maximum ratings	Motor output voltage V_{OUT} (V)	50			
	Motor output current I_{OUT} (A)	2.5	1.6	2.5	
Supported motors		Bipolar stepping motor		Bipolar stepping motor, DC brushed motor	
Input interface		-		IN input type	PHASE input type
Motor output ON-resistance (High-side + Low-side) R_{ON(D-S)} typ. (Ω)		V_M=24V, T_j=25°C, I_{OUT}=2.0A		0.4	
Power consumption I_{M1} max (μA)		Sleep mode		20	
Safety function		Over current detection, Thermal shutdown detection, Under voltage lockout detection			
Package	Name	HTSSOP28 (P-HTSSOP28-0510-0.65-001)			
	Size typ. (mm)	6.4 x 9.7			
Sample Check & Availability		Buy Online	Buy Online	Buy Online	Buy Online

