

Main Specifications

Part number		TB9M003FG
Supported motors		Three-phase brushless DC motor
Main functions		1-shunt resistor current sense amplifier, sensorless method, vector control, square wave control
Main error detections		Undervoltage, overvoltage, external power MOSFET open / short failure, over temperature
Absolute maximum ratings	Supply voltage Vbat (V)	-0.3 to +40
Operating ranges	Supply voltage Vbat (V)	6 to 18
	Operating temperature Topr (°C)	Ta=-40 to 150
		Tj=-40 to 175
Package	Name	
	Size (mm)	Typ.
Reliability		AEC-Q100 (Grade 0) qualified