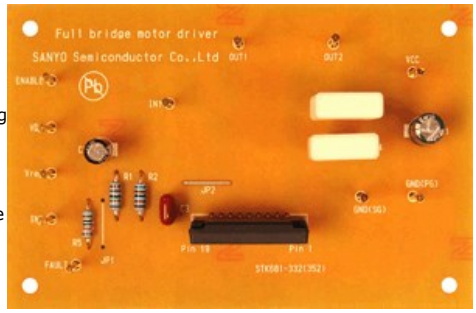
STK681-332GEVB: Current Control Forward/Reverse DC Motor Driver Evaluation Board

STK681-332-E is a hybrid IC for use in current control forward/reverse DC motor driver for brush motors. It allows forward, reverse, and brake operations in accordance with the external input signal. The peak startup output current is 8.5A and the peak brake output current is 12A. Connecting an external current detection resistor allows over-current detection and peak current control in the PWM operation mode. And STK681-332-E has various protective functions built-in. They include function against over-current, overheating and short to ground and short to supply. And it obviate the need to design for the dead time in order to turn off the upper and lower drive devices when switching between the forward and reverse operation mode.



Evaluation/Development Tool Information

Product	Status	Compliance	Short Description	Parts Used	Action
STK681-332GEVB	Active	Pb-free	Current Control Forward/Reverse DC Motor Driver Evaluation Board	STK681-332-E	›› Contact Local Sales Office

Technical Documents

Type	Document Title	Document ID/Size	Rev
Eval Board: BOM	STK681-332GEVB Bill of Materials ROHS Compliant	STK681-332GEVB_BOM_ROHS.PDF - 78 KB	0
Eval Board: Gerber	STK681-332GEVB Gerber Layout Files (Zip Format)	STK681-332GEVB_GERBER.ZIP - 35.0 KB	0
Eval Board: Schematic	STK681-332GEVB Schematic	STK681-332GEVB_SCHEMATIC.PDF - 107 KB	0
Eval Board: Test Procedure	STK681-332GEVB Test Procedure	STK681-332GEVB_TEST_PROCEDURE.PDF - 302 KB	0