



LV8121VGEVK: Three-Phase Brushless Motor Driver Evaluation Kit

The LV8121VGEVK evaluation kit is designed to quickly assess the LV8121 part, a three-phase brushless motor driver that uses a PWM drive technique. The motor speed is controlled by changing the PWM duty, which is based on an analog voltage input. This motor driver includes an automatic return constraint protection circuit and is optimal for driving fan motors.

This kit makes it possible to operate the LSI evaluation board on your PC easily and quickly. We provide the board with the Daughter Board and the GUI that you can download from this site using the software link below.

For more information please see the data sheet.



Minimum system requirements:

- 32bit: Windows XP (SP3), 7, 8 or 64bit: Windows 7
- Daughter Board
- USB driver and GUI

Evaluation/Development Tool Information

Product	Status	Compliance	Short Description	Parts Used	Action
LV8121VGEVK	Active	Pb-free	Three-Phase Brushless Motor Driver Evaluation Kit	LV8121V-TLM-H	» Contact Local Sales Office

Technical Documents

Type	Document Title	Document ID/Size	Rev
Eval Board: BOM	LV8121VGEVK Bill of Materials ROHS Compliant	LV8121VGEVK_BOM_ROHS - 117 KB	1
Eval Board: Gerber	LV8121VGEVK Gerber Layout Files (Zip Format)	LV8121VGEVK_GERBER - 1307 KB	0
Eval Board: Schematic	LV8121VGEVK Schematic	LV8121VGEVK_SCHEMATIC - 82 KB	0
Eval Board: Test Procedure	LV8121VGEVK Test Procedure	LV8121VGEVK_TEST_PROCEDURE - 748 KB	0
Software	LV8121VGEVK Software (Zip Format)	LV8121VGEVK_SOFTWARE - 1392 KB	1130