



D-STPR-GEVK: Dual Stepper Motor Driver Shield Evaluation Board

The Dual Stepper Motor Driver Shield Evaluation Board evaluates the AMIS30543, a micro-stepping stepper motor driver for bipolar stepper motors. It has an on chip voltage regulator, reset output and watchdog reset able to supply peripheral devices. The chip is connected through IO pins and a SPI interface with an external microcontroller that is regulated through the PCA9655E's 16 bits of General Purpose parallel Input and Output (GPIO) expansion.



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Evaluation/Development Tool Information

Product	Status	Compliance	Short Description	Parts Used	Action
D-STPR-GEVK	Active	Pb-free	Dual Stepper Motor Driver Shield Evaluation Board	AMIS30543C5431RG , MBRS360BT3G , MMBT2222ALT1G , PCA9655EMTTXG	» Contact Local Sales Office » Inventory

Technical Documents

Type	Document Title	Document ID/Size	Rev
Eval Board: BOM	D-STPR-GEVK Bill of Materials (ROHS Compliant)	D-STPR-GEVK_BOM_ROHS - 30 KB	0
Eval Board: Schematic	D-STPR-GEVK Schematic	D-STPR-GEVK_SCHEMATIC - 233 KB	1
Eval Board: Gerber	D-STPR-GEVK Gerber Layout Files (Zip Format)	D-STPR-GEVK_GERBER - 1024 KB	0

