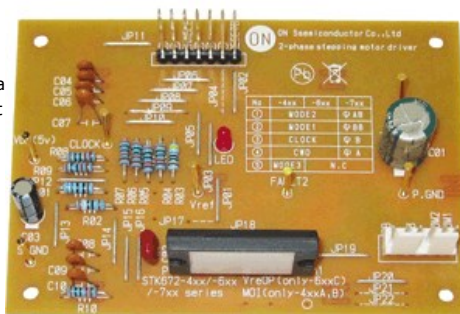




STK672-442BNGEVB: Motor Driver, 2-Phase, Microstepping, Unipolar Evaluation Board

The STK672-442BNGEVB evaluation board is designed to quickly evaluate the STK672-442BN-E device. This specific device is a hybrid IC for use a unipolar, 2-phase stepper motor driver with PWM current control, including a built-in microstepping controller and is based on a unipolar constant-current PWM system. The STK672-442BN-E supports application simplification and standardization by providing a built-in 4 phase distribution stepping motor controller. It supports five excitation methods: 2 phase, 1-2 phase, W1-2 phase, 2W1-2 phase, and 4W1-2 phase excitations, and can provide control of the basic stepping angle of the stepper motor divided into 1/16 step units. For more information refer to the specific datasheet.



Evaluation/Development Tool Information

Product	Status	Compliance	Short Description	Parts Used	Action
STK672-442BNGEVB	Active	Pb-free	Motor Driver, 2-Phase, Microstepping, Unipolar Evaluation Board	STK672-442BN-E	Contact Local Sales Office Inventory

Technical Documents

Type	Document Title	Document ID/Size	Rev
Eval Board: BOM	STK672-442BNGEVB Bill of Materials ROHS Compliant	STK672-442BNGEVB_BOM_ROHS - 37 KB	0
Eval Board: Schematic	STK672-442BNGEVB Schematic	STK672-442BNGEVB_SCHEMATIC - 150 KB	0
Eval Board: Test Procedure	STK672-442BNGEVB Test Procedure	STK672-442BNGEVB_TEST_PROCEDURE - 216 KB	0
Eval Board: Gerber	STK672-442BNGEVB Gerber Layout Files (Zip Format)	STK672-442BNGEVB_GERBER - 69 KB	0

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