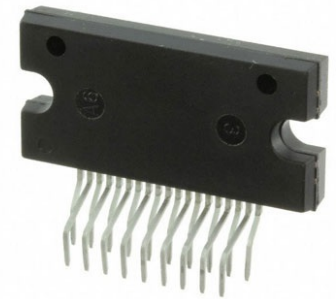


2-Phase Stepper Motor Driver 19-Pin(19+Tab) SIP Module Fan-Fold



Images are for reference only

[Inquiry](#)

Manufacturer: [ON Semiconductor, LLC](#)

Package/Case: SIP19

Product Type: Driver ICs

Lifecycle: Obsolete

General Description

The STK672-640AN-E is a hybrid IC for use a unipolar, 2-phase stepper motor driver with PWM current control. It includes a built-in controller and is based on a unipolar constant-current PWM system. The STK672-640AN-E supports application simplification and standardization by providing a built-in 4 phase distribution stepping motor controller. It supports five excitation methods: 2 phase and 1-2 phase excitations, and can provide control of the basic stepping angle of the stepper motor divided into 1/2 step units. It also allows the motor speed to be controlled with only a clock signal. The use of this hybrid IC allows designers to implement systems that provide high motor torques, low vibration levels, low noise, fast response, and high-efficiency drive. In addition the STK672-640AN-E has protective function against over-current and over-heat. And a small package STK672-642AN-E without hole to attach a heat-sink is lined up.

Key Features

Micro stepping controller built in

Protective function against over-current and over-heat built in

Current detection resistors built in

Application

Computing & Peripherals

Industrial

Recommended For You

NCV4274AST33T3G

ON Semiconductor, LLC

SOT223

MAX809STRG

ON Semiconductor, LLC

SOT23-3

NCP117ST50T3G

ON Semiconductor, LLC

SOT223

NCV8405ASTT1G

ON Semiconductor, LLC

SOT-223

NCP117ST33T3G

ON Semiconductor, LLC

SOT223

NCV4264-2ST50T3G

ON Semiconductor, LLC

SOT223

STK581U3C2D-E

ON Semiconductor, LLC

IPM

STK5C4U332J-E

ON Semiconductor, LLC

ZIP24

NCP1117ST25T3G

ON Semiconductor, LLC

SOT223

LMB17MSTB3G

ON Semiconductor, LLC

SOT-223

STK57FU394AG-E

ON Semiconductor, LLC

SIP35

STK551U3A2A-E

ON Semiconductor, LLC

IPM

STK984-090A-E

ON Semiconductor, LLC

3

STK672-642AN-E

ON Semiconductor, LLC

SIP19

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