



Product Overview

STK672-732AN-E: Stepper Motor Driver, Unipolar 2-Phase

For complete documentation, see the data sheet

Product Description

The STK672-732A-E is a hybrid IC for use a unipolar, 2-phase stepper motor driver Hybrid IC. It features the use of A, AB, B and BB 2-phase input signals. It is with built-in current resistor. and motor current is set by the voltage on the Vref pin. In addition the STK672-732A-E has various protective functions against over-current and over-heat. And it is pin-compatible with STK672-740A-E.

Features

- Protective function against over-current and over-heat is built in
- Common-mode input protection circuit is built in
- Current detection resistors is built in

Benefits

- Superior in safety drive
- When A and AB (or B and BB) turn on at the same time, it prevents destruction
- Easy to design and reduce the mounting area

Applications

- Computing & Peripherals
- Industrial

End Products

- Multi-Function Printer
- Document Scanner
- Auto Trading Machine
- Vending Machine

Part Electrical Specifications

Product	Compliance	Status	Type	V _M Min (V)	V _M Max (V)	V _{CC} Min (V)	V _{CC} Max (V)	I _O Max (A)	I _O Peak Max (A)	Step Reso- lution	Cont rol Type	Feed back Meth- od	Curr- ent Sense	Reg- ulator Out- put	Fault Dete- ction	Fly- back Protec- tion	R _{DS(on)} Typ (Ω)	Pack- age Type
STK672-732AN-E	Pb-free	Active	Step- per	10	52	4.75	5.25	2.65	10	1/2	Paral- lel	Non- e	Fully Integ- rated	No	Over- Cur- rent Ther- mal UV LO			SIP- 19

For more information please contact your local sales support at www.onsemi.com

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