



New Product Introduction

New AN441xxA Series 3-Phase Motor Driver IC



Panasonic, a worldwide leader in Semiconductor Products, is pleased to announce three new products that will significantly enhance the electronic design of devices that require fan motors. Panasonic's **NEW AN441xxA Series 3-Phase Brushless DC Motor Driver IC's** contribute to improved fan motor design by allowing overall component reduction, miniaturization of the motor set, low noise, low vibration and low power consumption. Panasonic motor driver IC's provide users with high performance, leading edge, reliable motor control solutions. Especially suited for cooling fan applications, these drivers can be used in air conditioners, electric fans and other home appliances.

Features

- 3-Phase Drive System Sensor Technology
- Wide Operating Voltage: 4.5V to 36V
- Small Package Size: HQFN Package, 4.0 x 4.0 mm
- RoHS/REACH Compliant

Applications

- All 3-Phase Fan Motor Applications
- Refrigerators
- Ventilation Fans
- Air Cleaners
- Cooling Fans for All Devices

Industries

- Home Appliances
- Consumer Electronics
- Industrial
- Office Automation

Benefits

- Miniaturization Of The Motor Set
- Significantly Reduced Motor Module Noise
- Low Vibration
- Low Power Consumption

Part Number Information

A N 4 4 1 4 0 A - V B

Type

40	3 Phase Fan Motor, 1 Hall Sensor, 8.5mA Active Mode Current
42	3 Phase Fan Motor, 1 Hall Sensor, 4.6mA Active Mode Current, Auto Phase Control
50	3 Phase Gear Motor, 3 Hall Sensors

For detailed specification information on the AN441xxA Series, visit our website at:
na.industrial.panasonic.com/products/semiconductors/analog-ics/motor-drivers

