

# ADMC300BSTZ

Data Sheet

DSP Motor Controller 80-Pin TQFP

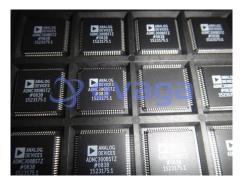
Manufacturers Analog Devices, Inc

Package/Case QFP-80

Product Type Integrated Circuits (ICs)

RoHS

Lifecycle



Images are for reference only

Please submit RFQ for ADMC300BSTZ or Email to us: sales@ovaga.com We will contact you in 12 hours.

**RFO** 

## **General Description**

ADMC300BSTZ is a motor control IC manufactured by Analog Devices. It is a fully integrated, high-performance, single-chip motor controller that is designed to drive brushless DC motors.

#### **Features**

It is a 3-phase motor controller with sensorless control

It supports up to 50 V operation

It has a current sensing amplifier with adjustable gain

It includes on-chip protection features like overvoltage, overcurrent, and over-temperature protection

It has a built-in oscillator and PLL for precise motor control

It supports multiple PWM input modes for flexible control

It has programmable speed and acceleration profiles for smooth motor operation





#### **Related Products**



<u>ADUM1300</u>

Analog Devices, Inc



ADG5409BCPZ

Analog Devices, Inc LFCSP-16



ADR391AUJZ

Analog Devices, Inc SOT23-5



ADM7171ACPZ

Analog Devices, Inc LFCSP8



ADL5310ACPZ

Analog Devices, Inc LFCSP-24



ADG3308BCPZ

Analog Devices, Inc 20LFCS



### ADCMP600BKSZ

Analog Devices, Inc SC-70-5



#### ADCMP601BKSZ

Analog Devices, Inc SC70