Stepper Motor(28YBJ-48) with ULN2003 Driver Board

Slug: stepper-motor28ybj-48-with-uln2003-driver-board

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TECHNICAL SPECIFICATIONS & SUMMARY

[Servo Motor] The 28BYJ-48 Stepper Motor with ULN2003 Driver Board is a compact, reliable, and low-cost 5V geared stepper motor kit designed for Arduino, robotics, automation, and embedded control applications. This motor features a 4-phase, 5-wire configuration with an integrated reduction gearbox, delivering high torque and precise positioning at low speeds. One of the biggest advantages of a stepper motor is its ability to operate accurately in an open-loop control system, eliminating the need for expensive feedback sensors or encoders. The motor position is precisely controlled by simply counting the input step pulses. The included ULN2003 driver board acts as a signal amplifier, allowing low-power control signals from microcontrollers such as Arduino, Raspberry Pi, ESP32, and 8051 to safely drive the stepper motor. The driver board also features four LED indicators (A, B, C, D) that display the working status of each phase in real time, making testing and debugging easy. With its compact size, plug-and-play connector, stable operation, and high reliability, this stepper motor

UNIT PRICE (EX. GST)
Rs. 119

WITH 18% GST
Rs. 140

In stock: 10 units - HSN: 85011019

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