



## ULN2003 Best Suitable for Steeper/Gear Motor Driver

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**SKU:** PH\_COM\_210

**Price:** ₹50.00 Original price was: ₹50.00. ₹25.00  
Current price is: ₹25.00.

**Stock:** outofstock

**Categories:** [Basic Components](#), [Components & Spares](#), [Integrated Circuits \(ICs \)](#)

### Product Description

**High-Voltage, High-Current Darlington Transistor Arrays DIP16 Package Best Suitable for Steeper/Gear Motor Driver** The ULN2003 is high-voltage, high-current Darlington arrays each containing seven open collector Darlington pairs with common emitters. Each channel is rated at 500 mA and can withstand peak currents of 600 mA. Suppression diodes are included for inductive load driving and the inputs are pinned opposite the outputs to simplify board layout. These versatile devices are useful for driving a wide range of loads including solenoids, relay DC motors, LED display filament lamps, thermal printheads and high-power buffers. The ULN2003 is supplied in a 16-pin DIP package with a copper lead frame to reduce thermal resistance. **Features:-**

- Seven Darlington per package
- Output current 500 mA per driver (600 mA peak)
- Output voltage 50 V
- Integrated suppression diodes for inductive loads
- Outputs can be paralleled for higher current
- TTL/CMOS/PMOS/DTL compatible inputs
- Input pins placed opposite to output pins to simplify layout