

BIPOLAR STEPPER MOTOR DRIVER

High Current Bipolar Stepper Motor Controller circuit is based on chopper drive. Chopper drive is a method of providing a constant current source to a device. Chopper drive allows for use of higher voltage power supply for better performance and higher speed. It uses SGS Thomson's L297 and L298 controller IC's.

- ✎ Logic supply - 5 VDC @ 300 mA
- ✎ Motor Supply - 8 to 30 VDC
- ✎ Connection via 10-pin Box Header for easy interface with any microcontroller development
- ✎ External or internal voltage reference option via jumper
- ✎ Preset for current adjustment
- ✎ High speed switching diodes for L298 IC protection

