



### DESCRIPTION

The AA51880 is a BJT integrated circuit using in servo motor control applications. The built-in voltage regulator provides the AA51880 with extremely stable output voltage. It also incorporates a linear one-shot and pulse-width demodulator for improved positional accuracy.

### FEATURES

- Built-in voltage regulator
- Larger driving capability
- Internal output NPN power transistor
- Adjustable dead band range control
- Incorporates a protection circuit for "H-Bridge" driving configuration
- Small outline package

### APPLICATIONS

- Servo motor control
- Radio controlled car, boat, and airplane
- IA products (such as air-condition)
- Remote positioning

### BLOCK DIAGRAM

