

## 300mA ULTRA LOW DROPOUT POSITIVE ADJUSTABLE AND FIXED REGULATORS

### FEATURES

- SOT-23-5 Package
- Stable with 2.2µF Ceramic Capacitor
- 2% Voltage Reference Accuracy
- Only 320mV Dropout at 300mA and 170mV Dropout at 150mA
- 5µA Quiescent Current in Shutdown
- Current Limit and Thermal Shutdown
- Logic Input Enable Pin
- RoHS Compliant

### APPLICATIONS

- Laptop, Notebook & Palmtop computers
- Battery Powered Equipments
- PCMCIA Vcc & Vpp Regulator
- Consumer Electronics
- High Efficiency Linear Power Supplies

### DESCRIPTION

The JTMA8836 device is an efficient linear voltage regulator with better than 2% initial voltage accuracy, very low dropout voltage and very low ground current designed especially for hand held, battery powered applications. Other features of the device are: TTL compatible enable/shutdown control input, current limiting and thermal shutdown.

The JTMA8836 is available in adjustable output voltage versions in a small SOT-23 5-Pin package.

### TYPICAL APPLICATION

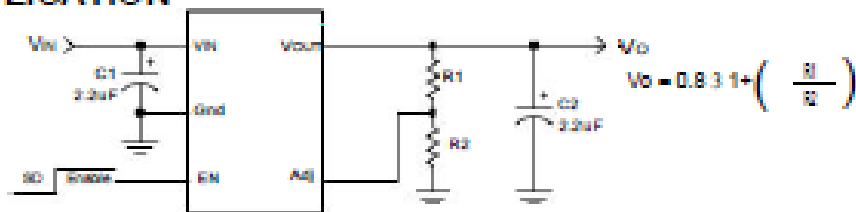


Figure 1 - Typical application of the JTMA8836 adjustable voltage regulator.

### PACKAGE ORDER INFORMATION

