

150mA ULTRA LOW DROPOUT POSITIVE ADJUSTABLE AND FIXED REGULATORS

FEATURES

- Stable with 2.2µF Low ESR Ceramic Capacitor
- 2% Voltage Reference Accuracy
- Wide Operating Range: 4.5V – 26V
- 6µA Quiescent Current in Shutdown
- Current Limit and Thermal Shutdown
- Logic Input Enable Pin
- RoHS Compliant & Halogen Free
- SOT-88, ESOP-8, J-lead 2021-8, SOT-23-6L & T8OT-23-6L Package

APPLICATIONS

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

DESCRIPTION

The JTMA8850 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 JTMA8850 is available in fixed and adjustable output voltage versions in a small SOT-23-SL, T8OT-23-SL, J-lead 2021-8, ESOP-8 & SOT-89 package.

TYPICAL APPLICATION

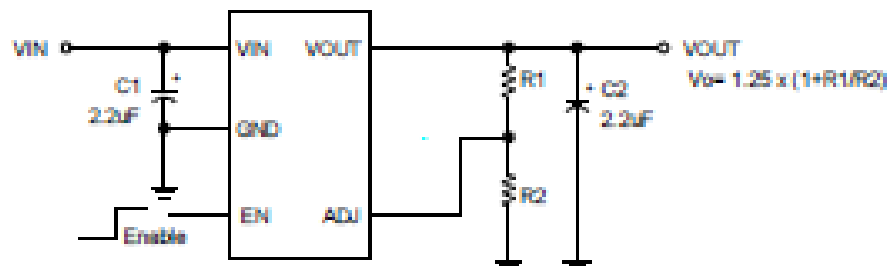


Figure 1 - Typical application of the JTMA8850 adjustable voltage regulator.

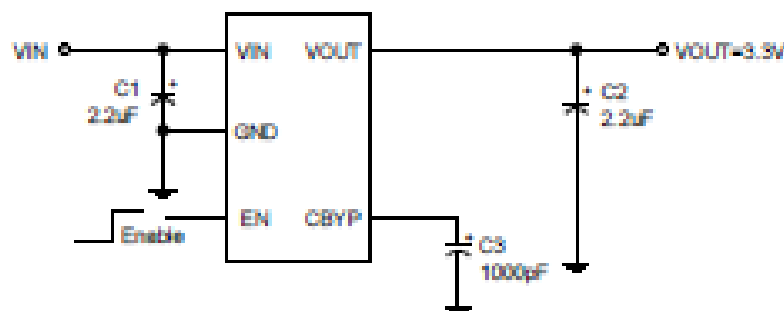


Figure 2 - Typical application of the JTMA8850-33 fixed voltage regulator.

ORDERING INFORMATION

JTMA8850X-XX	
Package	Output Voltage
VS : SOT-23-SL	Blank: ADJ
TVS : T8OT-23-SL	15 : 1.5V
U : J-lead 2021-8	18 : 1.8V
IS : SOT-88	25 : 2.5V
MP : ESOP-8	28 : 2.8V
	30 : 3.0V
	33 : 3.3V
	50 : 5.0V