

FEATURES

- Low Dropout Voltage of 600mV at 600mA
- Guaranteed 600mA Output Current
- Very Low Quiescent Current at about 30uA
- Max. $\pm 2\%$ Output Accuracy
- Needs Only 1 μ F Capacitor for Stability
- Thermal Shutdown Protection
- Current Limit Protection
- Low-ESR Ceramic Capacitor for Output Stability
- Tiny Package: SOT-23, SOT-89 & SOT-223
- RoHS Compliant & Halogen Free
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APPLICATIONS

- DVD/CD-ROMs, CD/RWs
- Wireless Devices
- LCD Modules
- Battery Power Systems
- Card Readers
- XDSL Routers

TYPICAL APPLICATION

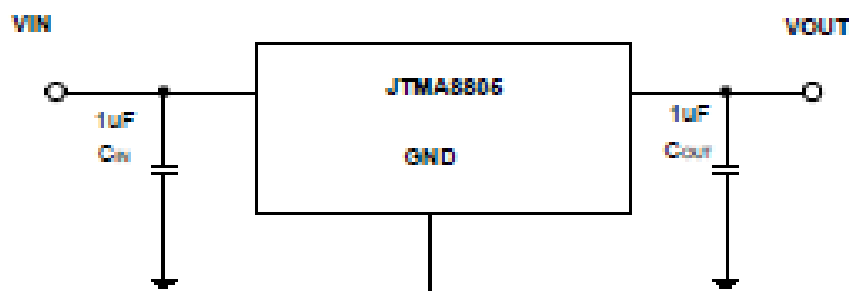


Figure 1. Typical Application Circuit of JTMA8805

Note: To prevent oscillation, it is recommended to use minimum 1 μ F X7R or X5R dielectric capacitor if ceramics are used as input/output capacitors.

ORDERING / PACKAGE INFORMATION

JTMA8805 X - X		VIN		SOT-89 (GR) (Top View)		SOT-223 (GR) (Top View)		SOT-223 (GR) (Top View)		SOT-223 (GR) (Top View)	
Package Type	Output Voltage			VIN		VIN		VIN		VIN	
-GR : SOT-23											
0 : SOT-89	00 : 1.5V	GND VOUT		GND VIN VOUT		GND VIN		VOUT GND VIN		GND VIN VOUT	
GR : SOT-89	01 : 1.8V										
K : SOT-223	20 : 2.0V										
KR : SOT-223	21 : 2.5V										
	22 : 2.8V										
	23 : 3.0V										
	24 : 3.3V										

Note: The devices are available in fixed voltages range of 1.5V, 1.8V, 2.0V, 2.5V, 2.8V, 3V & 3.3V.

Please consult JTMAC sales office or authorized distributor for availability of special output voltages.

Data and specifications subject to change without notice

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