

# AT804

## 600mA Ultra Low Dropout Regulator



Immense Advance Tech.

### FEATURES

- Typically 250mV dropout @600mA
- Over current and over temperature protection
- P-CH design to reduce the operation current
- Full industrial temperature range
- Output voltage accuracy  $\pm 2.0\%$
- Supply current typically 0.4mA

### APPLICATION

- Notebook computers
- Battery powered systems
- Motherboards/Peripheral cards
- Telecom/Networking cards
- Industrial Applications
- Set top boxes
- Wireless infrastructure
- Medical equipment

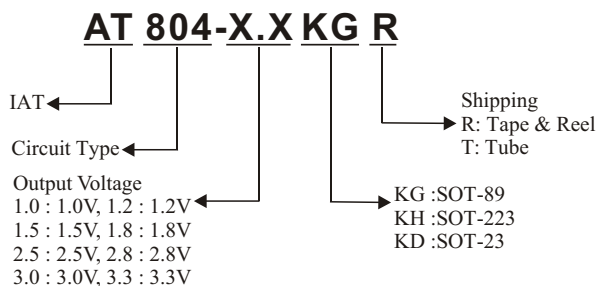
### DESCRIPTION

The AT804 is a high performance positive voltage regulator designed for use in applications requiring very low dropout voltage (typ 250mV) at 600mA amps. It operates with a  $V_{IN}$  as low as 1.8V.

These ICs have over current and over temperature protection that prevent it from being damaged by abnormal operating conditions.

The AT804 are offered in SOT-89, SOT-223 and SOT-23 packages.

### ORDERING INFORMATION



### PIN CONFIGURATIONS (TOP VIEW)

