

1.5MHz, 800mA Synchronous Step-Down Converter



Immense Advance Tech.

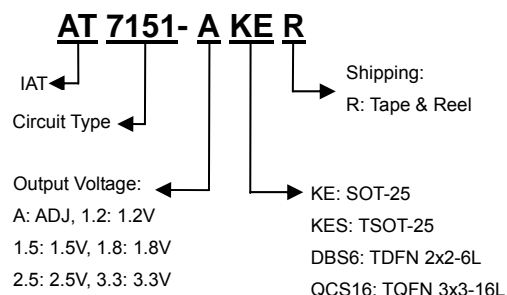
FEATURES

- High Efficiency: Up to 96%
- 800mA Output Current
- 2.5V to 5.5V Input Voltage Range
- 1.5MHz Constant Frequency Operation
- No Schottky Diode Required
- Low Dropout Operation: 100% Duty Cycle
- 0.6V Reference Allows Low Output Voltages
- Shutdown Mode Draws $\leq 1\mu\text{A}$ Supply Current
- Current Mode Operation for Excellent Line and Load Transient Response
- Thermal Fault Protection
- Short Circuit Protection

APPLICATION

- Cellular Telephones
- Wireless and DSL Modems
- Digital Still Cameras
- MP3 Players
- Portable Instruments
- Microprocessors and DSP Core Supplies

ORDER INFORMATION



PIN CONFIGURATIONS (TOP VIEW)

