

AT121

Micro-Power Voltage Detector With Delay Circuit (External Delay Time Setting)



Immense Advance Tech.

FEATURES

- High Accuracy : $\pm 2\%$
- Low Power Consumption : $1.0\mu\text{A}$ (TYP.) at $V_{\text{IN}}=2.0\text{V}$
- Detect Voltage Range : $1.2\text{V} \sim 5\text{V}$ in 0.05V step
- Operating Voltage Range : $1\text{V} \sim 6\text{V}$
- Detect Voltage Temperature Characteristics : $\pm 100\text{ppm}/^\circ\text{C}$
- Output Configuration : N-channel open drain or CMOS
- Packages : SOT-25, SOT-343

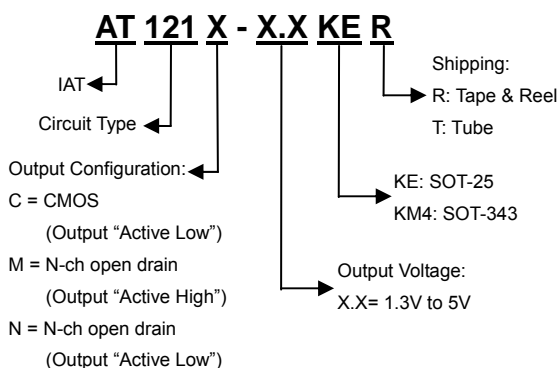
DESCRIPTION

The AT121 series are highly accurate and ultra low power consumption voltage detectors. It offers internally fixed threshold levels with 0.05V per step range from 1.2V to 5V . A time delay circuit can be accomplished with the addition of an external capacitor. Both CMOS and N-channel open drain output configuration are available.

APPLICATIONS

- Microprocessor Reset Circuitry
- Memory Battery Back-up Circuits
- Power-on Reset Circuits
- Power Failure Detection
- System Battery Life and Charge Voltage Monitors
- Delay Circuitry

ORDER INFORMATION



PIN CONFIGURATIONS

