

**ADVANCED INFORMATION**

**TWO INPUT, SINGLE OUTPUT CURRENT SWITCH**

**FEATURES**

- Internal PNP Power Transistor
- Reverse Bias Voltage Protection
- Very Low Input-Output Voltage Difference
- Very Low Standby Current
- Over Temperature Protection
- Single Output with Two Controlled Inputs

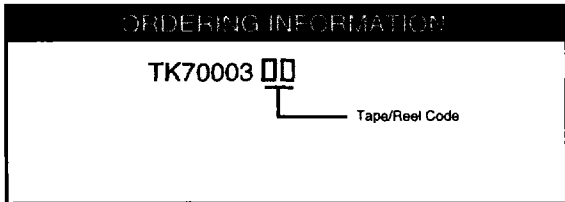
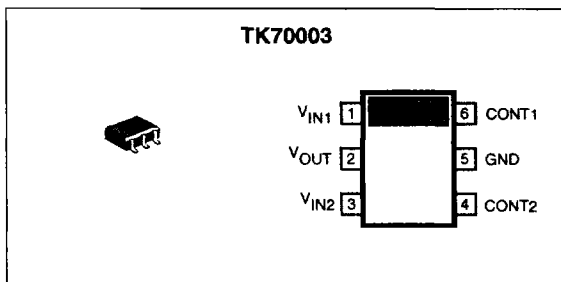
**APPLICATIONS**

- Battery Powered System
- Radio Control Systems
- Automatic Test Equipment (ATE)
- Power Management
- Process Control Equipment
- Power Distribution Control

**DESCRIPTION**

The TK70003 is a monolithic bipolar integrated circuit with high side current switches of low saturation type. The supply current, including the control current, is virtually zero (pA level) when the control pin is OFF. The impedance on the output side is high and the reverse current does not flow when the control pin is OFF. These are effective to decrease the dissipation currents, making the TK70003 a very efficient device for power management and power distribution control.

The TK70003 is packaged in the very small six pin surface mount SOT-26 package. When mounted as recommended, this package is capable of dissipating up to 350 mW.



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TL: Tape Left

