Seiko Instruments Inc. Product of the Month



February 2002 S-8130 Series

S-8130 Series

Temperature Switch with Latch

www.seiko-usa-ecd.com/intcir/products/sensor/tempswitch.html

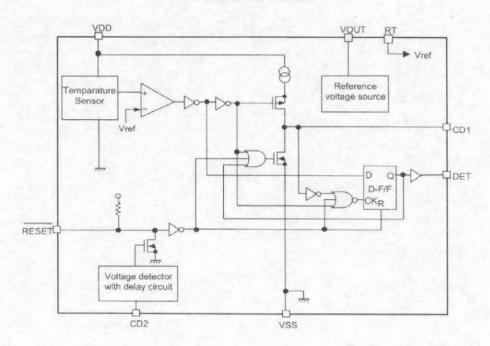
Key Features

- When the S-8130 detects a preset / selected temperature the output signal is inverted and fixed or latched until the S-8130 receives a reset signal or the input voltage drops below a set level.
- Available in the S-8130AA version which features preset detection temperatures selectable in 5 degree C steps between +60 and +95 degrees C, and the S-8130AC version which allows the design engineer to fix the detection temperature with external resisters.
- Low voltage operation of 2.2 V, minimum, and low quiescent current of 15 uA make this an ideal device for battery powered equipment.
- 8-pin MSOP package allows for reduced board space and smaller designs

Applications

 Ideal temperature montior / switch for electronic devices such as MP3 players, pagers, set top boxes, home security, GPS receivers, notebook PCs, digital cameras, etc.

Block Diagram



Seiko Instruments...#1 in Low Current Consumption!