

VOLTAGE SUPERVISOR WITH DELAY TIME CONTROL IC. [1.25V ± 50mV]

Function of this IC is accurately resetting the system after detecting voltage with delay time control application at the time of switching power on and instantaneous power on and instantaneous power off in various CPU systems and other logic systems.

FEATURES

- Few External Components.
- Current Consumption is Low ; ($I_{CCH}=360\mu A$ Typ.).
- Resetting Output Minimum Guarantee Voltage is Low ; (0.6V Typ.).
- Large Delay Time Can Generate Only by Adding a Small Capacitor (at $0.33\mu F$, $t_d \approx 100mS$).
- Wide Operating Supply Voltage Range : ($V_{CC}=2\sim 17V$).
- Hysteresis Voltage is Provided ; (15mV Typ.).
- Reset Signal Generation Sensing Voltage ; ($1.25V \pm 50mV$).

APPLICATIONS

- As System Control Circuit Against Erroneous Operations at Power ON-OFF.
- As Control Circuit of Battery-Backed Memory, Battery Indicator, Level Detector, Waveform Shapper, Delayed Waveform Generator, DC-DC Converter, Over Voltage Protector, and So forth.
- As Resetting Function for the CPU, MCU, P_{CH}, N_{CH}, CMOS and Logic.

EQUIVALENT CIRCUIT

