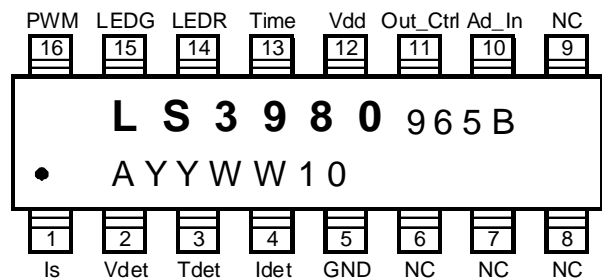


■ Features

Auto-distribute power source;
first priority for system loading.
Auto-detect power input type: Adaptor or PC USB.
Base on system loading needed, which can be come from adaptor directly, otr supported by PC USB plus battery power.
When battery is plugged, base on battery voltage level, go into suitable related charge process flow.
Constant Current mode, which Fast Charge current is set by external resistors.
Pre-Charge mode for protecting over discharged battery.
Fast-Charge mode for speed-up normal battery.
Battery is charged full when charge current is lower than 15% of setting level, 0.15C.

Multiple protect functions: Over charge voltage protect, over charge current protect, over discharge battery protect.
Temperature protect function: Initial temperature protect, and charge period temperature protect.
Charge time out protect: Pre-Charge & Fast-Charge time out protect.
Re-start charge process for battery voltage drop by self-discharged.
2 LED Charge status indication: power on, no battery, charge, full, defect.
Working voltage: 4.5V.
Package: NSOP-16



■ Application: 1~ N cells battery charger (or function).

■ Function Block:

