

■ Features

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.

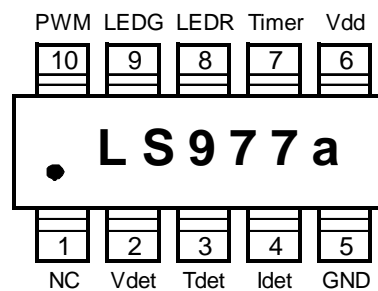
Re-start charge process for battery voltage drop by self-discharged.

2 LED Charge status indication:

power on, no battery, charge, full, defect.

Working voltage: 4.5V.

Package: MSOP-10



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

■ Pin Assignment

Pin No.	Nmae	I/O	Description
1	NC	-	No connect
2	Vdet	I	Battery voltage detect input
3	Tdet	I	Temperature detect Input
4	Idet	I	Charge current detect input
5	GND	P	Ground
6	Vdd	P	Power Input
7	Timer	I	Time Out protect setting input
8	LEDR	O	Red LED output for charge status indication
9	LEDG	O	Green LED output for charge full indication
10	PWM	O	Constant current driving output