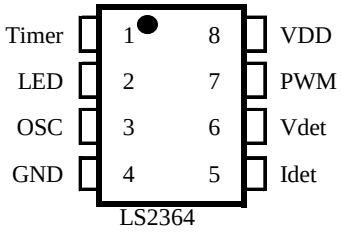
1 Ch NiMH Battery Charger Controller
LS2364

■ Features

- High accuracy in voltage detecting resolution: ~1mV/step for adjusting battery charge full condition as –deltaV, or 0deltaV (& over 16.4min.). (meet industrial specification about battery charge full request, -delta V = 5~10 mV)
- Build-in special noise cancellation circuit for filtering noise from circuit
- Multiple charge process for different battery voltage condition: Battery Alive, Pre-Charge, Fast Charge and Trickle Charge.
- Constant Current charge method in each charge process.
- Providing multiple protection: Pre-Charge Time Out protection, Fast Charge Time Out protection, Maximum Battery Voltage protection.
- Single pin for economic RC oscillator circuit.
- Dual color LED status display: Power On/ battery defect/ Charging/ full.
- Working Voltage: 3.3 Volt.
- Package: Package: SOP-8.
  RoHS parts: LS2364T
  Green parts: LS2364TG



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■ Application: 1 or multi-cells NiMH battery charger.

■ Pin Assignment:

.Pin	Name	I/O	Description
1	Timer	I	Charge Time Out setting
2	LED	O	Charge status LED output
3	OSC	I	RC Oscillator input; suggested : R= 330k ohm, C=103pf.
4	GND	P	Ground
5	Idet	I	Charge current setting / detecting input
6	Vdet	I	Battery voltage detecting input
7	PWM	O	PWM charge control output
8	VDD	P	Power Input, 3.3 V working voltage