

**LSK126, Li Battery 6 Channel Priority / Synchronous  
Charge Control with LED Indication IC Brief Specification**

A. Input Power: Type-C, 5V





















B. Battery type:

Li Battery: 6 Slots

C. Charge control flow:

- 1.) Can be set:
  - a.) Priority charge mode:
    - 3 slots for priority charging, the battery is inserted first and charged first.
    - Charging current is twice of the set value.
    - After any slot is fully charged, the remaining slots will be charged in sequence.
  - b.) Synchronous charge mode:
    - All 6 slots can be recharged after inserting the battery.
    - Charging current is set value.
- 2.) Independent control of each slot:
  - Constant Current: 1.0C (set value)  $\pm$ 10%
  - Constant Voltage: 4.20V ( $\pm$ 30mV) / Cell.  
or High Voltage Battery 4.35V ( $\pm$ 30mV) / Cell.
  - The Value of Charge current when charge full: 0.15C.
  - Battery Voltage Over charge Protection: 4.35V ( $\pm$ 30mV) / Cell.  
or High Voltage Battery 4.45V ( $\pm$ 30mV) / Cell
  - Charge Time Protection: 3.0hr ( $\pm$ 10%)

D. Charge Status (4 LEDs) for charge status for each channel:

Slot Status	Display Icon	LED1	LED2	LED3	LED4
Charging	Capacity<25%				
	25%<Capacity<50%				
	50%<Capacity<75%				
	75%<Capacity<99%				
Charge Full	Capacity= $\sim$ 100%				
Waiting for Charge		LED1 ~ 4 Slow flash (0.5s on, 0.5s off)			
Over Voltage Defects		LED1 ~ 4 Fast flash (0.2s on, 0.2s off)			

Remark: :Off; :On; :Slow flash (0.5s on, 0.5s off)

