

Inductive energy transfer and active balance board

Balance principle:

This module is an adjacent differential pressure equalization. When the adjacent battery difference reaches 0.1V or above, the chip will trigger the equalization work until the adjacent battery pressure difference stops working within 0.03V. If the adjacent pressure difference triggers the equalization work when the battery pack is charged and discharged, the battery pack voltage error will be pulled back to a more ideal value to reduce the battery maintenance cost.

Balance character:

High precision energy transfer equalization, exclusive equalization IC, high current 1.2A energy transfer battery voltage balancer, significantly balance battery voltage, improve the overall efficiency of battery pack

Technical parameters:

Operating voltage range: 2.0V~4.5V, ternary/iron lithium battery universal

Equalizing current :

Adjacent pressure difference above 0.1V (current around 0.5-0.7A)

Adjacent pressure difference above 0.2V (reach maximum equilibrium current 1.2A)

The smaller the pressure difference, the smaller the equilibrium current

Connection definition :

B- Total negative of the battery pack (negative of the first battery)

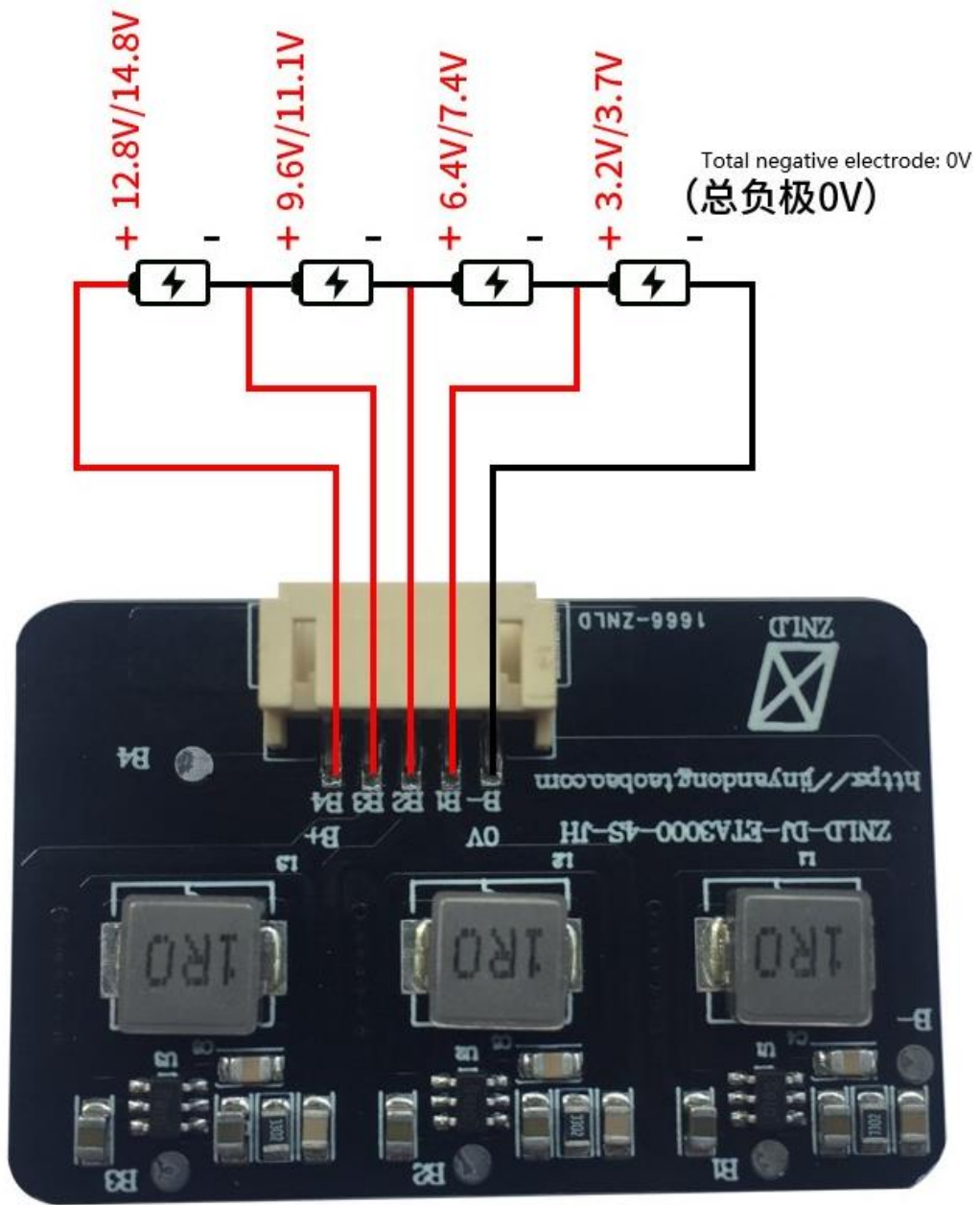
B1 Positive terminal of the first battery

B2 Positive terminal of the second battery

B3 Positive terminal of the third battery

By analogy

Lithium battery active balance board 4 series



Lithium battery active balance board 8 series

