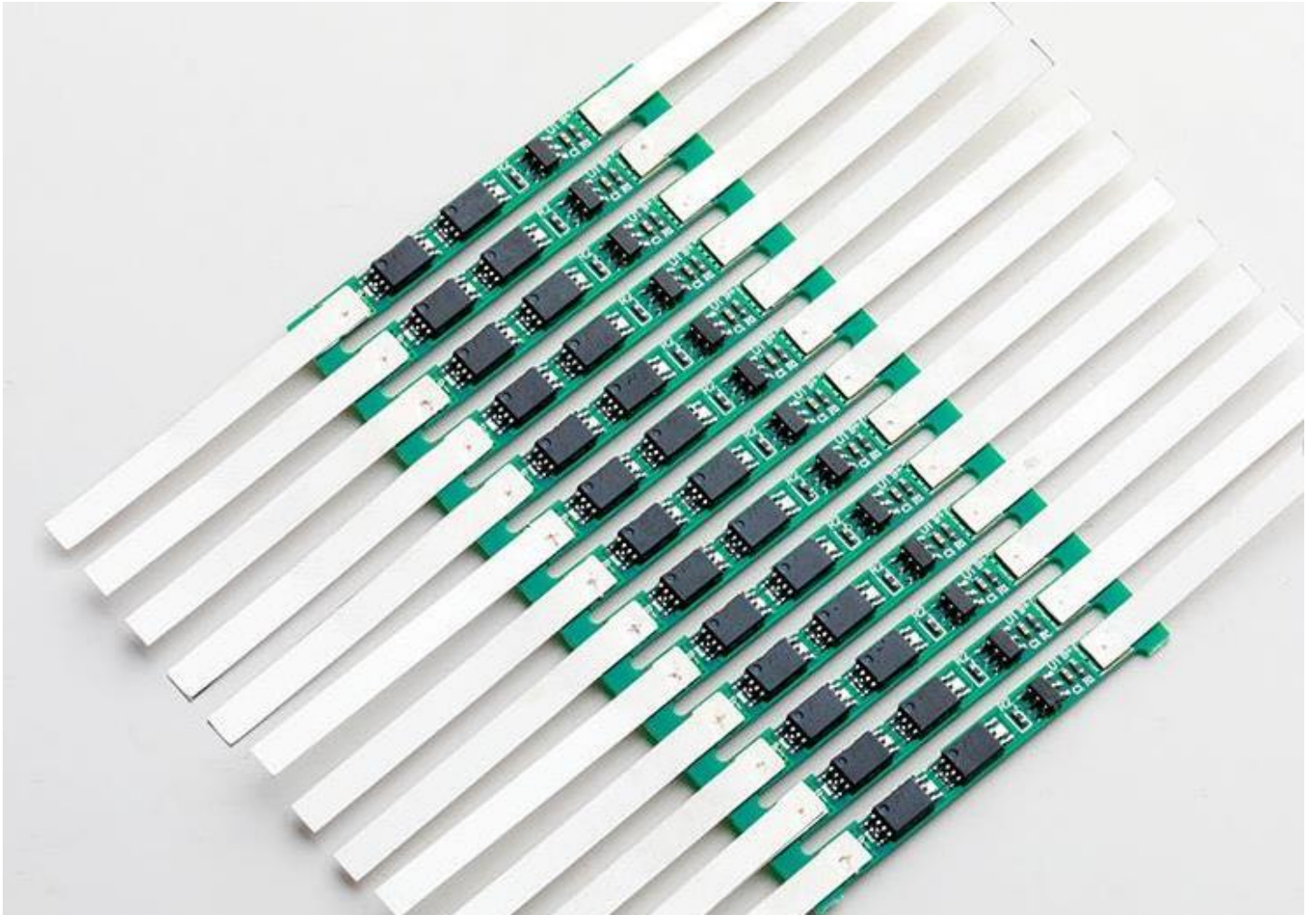


# 1S4A 3.7V NMC DATASHEET



## 8 Connection

- (1) B+: Connect the positive electrode of the battery cell
- (2) B-: Connect battery power
- (3) P+: Connect the battery output terminal or limit
- (4) P-: Connect the battery output terminal or drive

# 1S4A 3.7V NMC DATASHEET

Speficiation	SPECIFICATION	SPECIFCATION
Overcharge protection	Overcharge detection voltage	$4.35 \pm 0.025V$
	Overcharge detection delay time	1200ms (MAX)
	Overcharge voltage	$4.08 \pm 0.025V$
over discharge protection	Over-discharge detection voltage	$2.4 \pm 0.05V$
	Over discharge detection delay time	144ms (MAX)
	Overdischarge release voltage	$3.0V \pm 0.05V$
Overcurrent protection	Overcurrent detection voltage	$100 \pm 15mV$
	Overcurrent protection current	$3 \pm 1.0A$
	Detection delay time	9ms (MAX)
	CONTINOUS CURRENT	4A
	Detection delay time	$320 \mu s$ (MAX)
	Protection release conditions	Cut short circuit
Internal resistance	Main loop state	$R_{ps} \leq 60m\Omega$
Current consumption	Internal consumption of circuit	MIN: $0.3 \mu A$ MAX: $6.0 \mu A$