



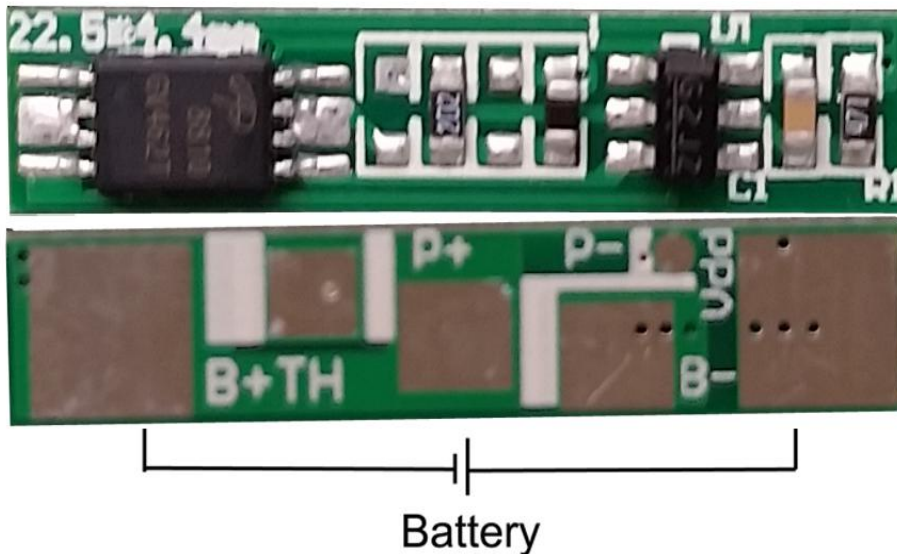
AYAA TECHNOLOGY CO.,LTD
PCM Specifications

Model: PCM-L01S3-293 (LI-1S2.5A) ver: A

| Test item (Test at normal temperature 25±2℃) | | Criterion |
|---|--|-------------------------------|
| Voltage | Charging voltage | DC: 4.2V CC/CV (4.2v/Cell) 1S |
| Supply Current | Normal operating mode current: Fuel gauge in NORMAL mode. ILOAD >Sleep Current | ≤10uA |
| | Maximal continuous charging current | 2.5A |
| | Maximal continuous discharging current | 2.5A |
| Over-charge Protection (single cell) | Over charge detection voltage | 4.25±0.05V |
| | Over charge detection delay time | 0.5S—2S |
| | Over charge release voltage | 4.05±0.1V |
| Over discharge protection (single cell) | Over discharge detection voltage | 2.5±0.05V |
| | Over discharge detection delay time | 10—200mS |
| | Over discharge release voltage | 3.0±0.1V |
| Current protection (Battery pack) | ChargeOver current detection current | / |
| | Detection delay time | / |
| | Discharge Over current detection current | 7±2A |
| | Detection delay time | 5ms—20ms |
| | Release condition | Cut load,Auto Recovery |
| Short protection | Detection condition | Exterior short circuit |
| | Detection delay time | 200-600us |
| | Release condition | Cut load |
| Resistance | Main loop electrify resistance | ≤65mΩ |
| Temperature | Operating Temperature Range | -40~+85℃ |
| | Storage Temperature Range | -40~+125℃ |

SIZE: L22.5 *W4.4 *T2 mm

NTC:10KNTC Temperature switch: / Weak current switch: / Activation Method: /



Prepared: Hardy 2017-10-25

Checked:

Approved: