

Protection Circuit Module Specifications For 7.4V Li-ion Battery Pack

Model: CS-209-2S

Features:

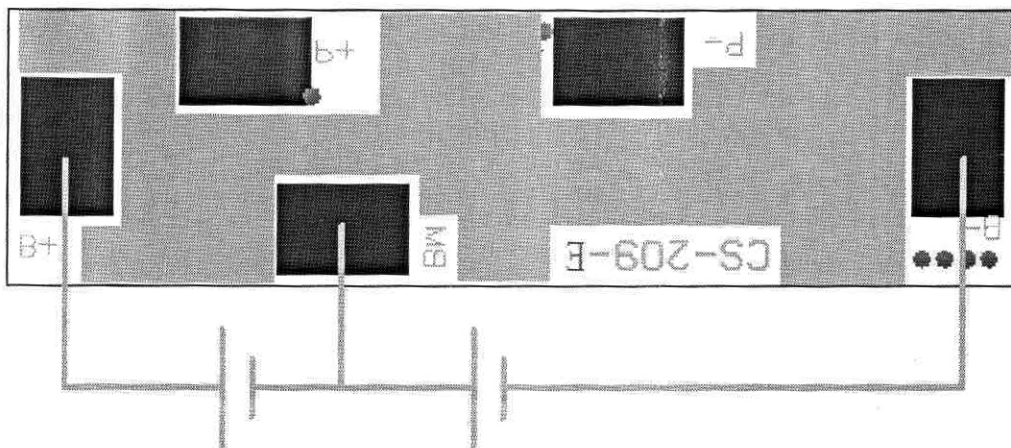
- Apply for 2 cells Li-ion /Li-polymer battery pack protection.
- Discharge Current Limit Detection.
- High Quality and High Yield: 100% Tested before Shipment.

Electric performance :

| NO. | Items | Min | Typ | Max | Unit |
|-----|---|------------------------|------|-------|------|
| 1 | Charging voltage | | 8.4 | 8.45 | V |
| 2 | Charging current | | | 12 | A |
| 3 | Discharging current | 7 | 9 | 11 | A |
| 4 | Current consumption | | | 300 | uA |
| 5 | Overcharge detection voltage for single cell | 4.325 | 4.35 | 4.375 | V |
| 6 | Overcharge detection delay time | 0.96 | 1.2 | 1.4 | s |
| 7 | Overdischarge detection voltage for single cell | 2.22 | 2.3 | 2.38 | V |
| 8 | Overdischarge detection delay time | 115 | 144 | 173 | ms |
| 9 | Short circuit protection | Exterior short circuit | | | |
| 10 | Protection circuitry resistance | | 30 | 50 | mΩ |
| 11 | Operating Temperature Range | - 40 | | +85 | °C |
| 12 | Storage Temperature Range | - 40 | | +125 | °C |

Port design :

SIZE: 38*10mm



P+ = OUT+/Charge+

P- = OUT-/Charge-