**BMS**

* 1. **PCB**
  2. **Modul Controler**- Mikrokontroler berbasis ARM dengan tipe STM32F405RGT6.  
     - Kapasitor 100nF  
     - Resistor 103
  3. **Modul Voltage Regulator  
     -** Voltage regulator LD1117DT33CTR dengan modul OKI-78SR.  
     - Kapasitor 100nF
  4. **Modul Pengukur Tegangan per Cell  
     -** IC LTC6803-4
  5. **Modul Balancing  
     -** Mosfet P Si2351DS  
     - Diode Zener 7.5 Volt  
     - Resitor 2k2  
     - Resistor 220  
     - Fuse
  6. **Modul Opto Isolator  
     -** Digital Isolator Si8441BB-D-IS1  
     - Resistor 220
  7. **Modul Pengatur Temperatur  
     -** Thermistor NTC 100 K  
     - Resitor 10K ohm  
     - Resistor 100 ohm  
     - Kapasitor 100 nF
  8. **Modul Magneto Resistive Random Access Memory (MRAM)**- MR25H256CDC  
     **-** Kapasitor 100nF
  9. **Modul Komunikasi CAN**- IC SN65HVD230DR