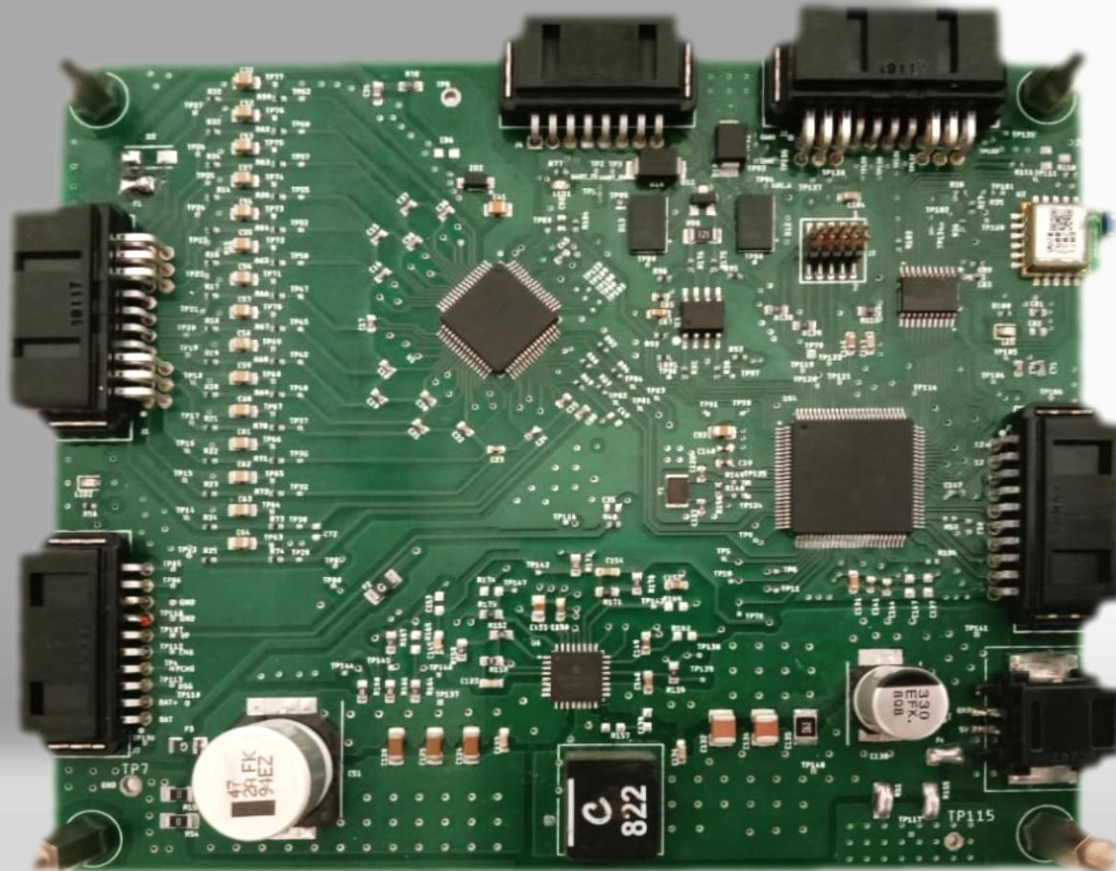


# BATTERY MANAGEMENT SYSTEM



Cell Propulsion



48V BMS

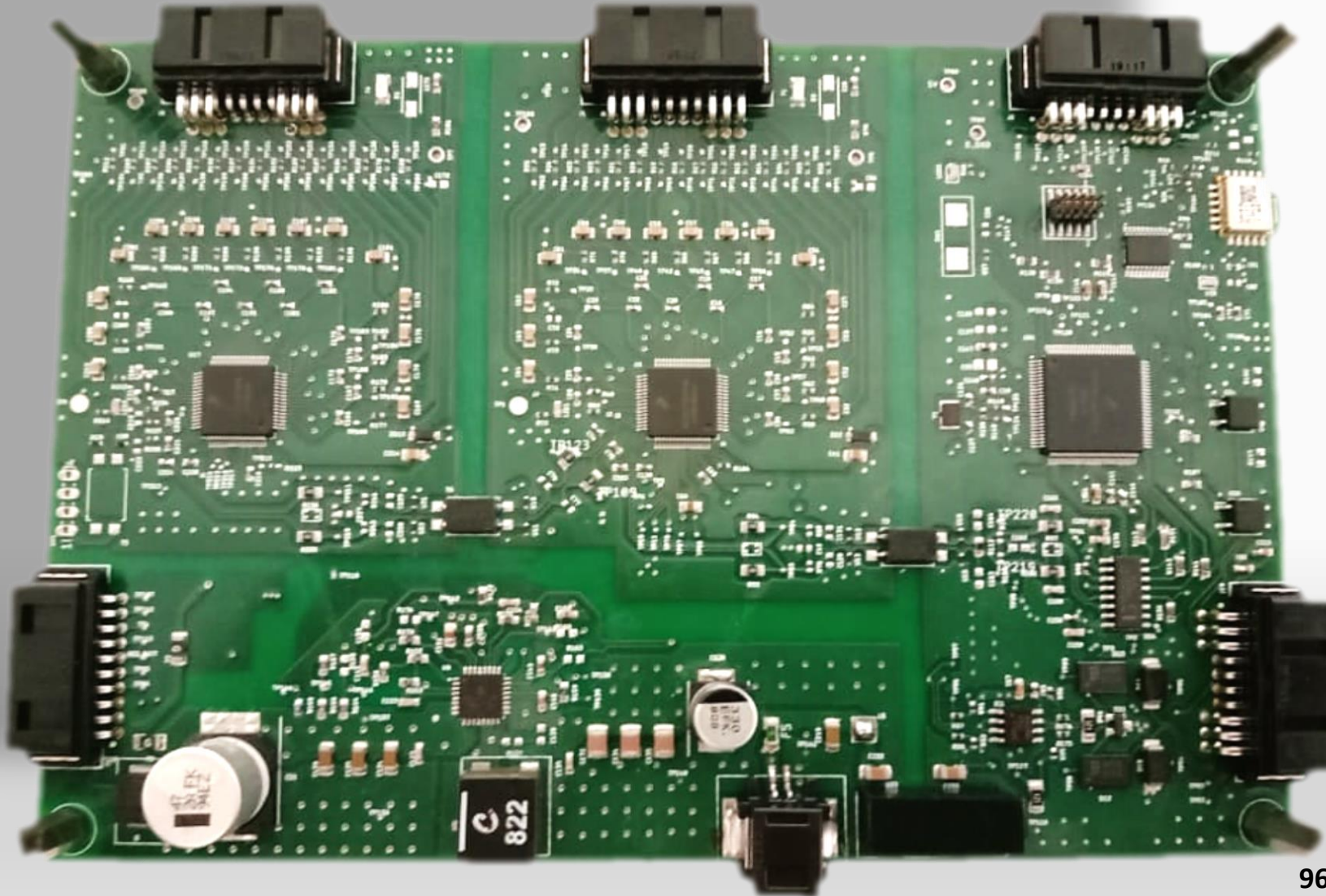
Cell voltage range	1 - 4.9V
Pack voltage	0 - 75V
No of series cells	7 - 14
Stackable cells (Daisy chain)	Up to 210 cells
Cell monitoring accuracy	±5mV
Switching	MOSFET based/ Contactor based
Current Sensing	Hall effect / Shunt based
Components standards	ISO26262
Other tests	EMI/EMC
SOC Estimation	Yes
Safety features	Isolation, fault handling
Communication/ Data logging	CAN/RS485/IOT/BLE
Balancing	100mA – 300 mA
Protection features	Under voltage, Over current, Short circuit current, Over temperature, Under temperature

# BATTERY MANAGEMENT SYSTEM



Cell Propulsion

5V 3A SUPPLY  
FOR EXTERNAL USE



96V BMS



## HIGH VOLTAGE BMS

- 48V BMS comprises of complete Digital board :  
Analog front end + Controller circuitry.
- 48V BMS can be stacked upon in daisy chain connection to make a high voltage system.

