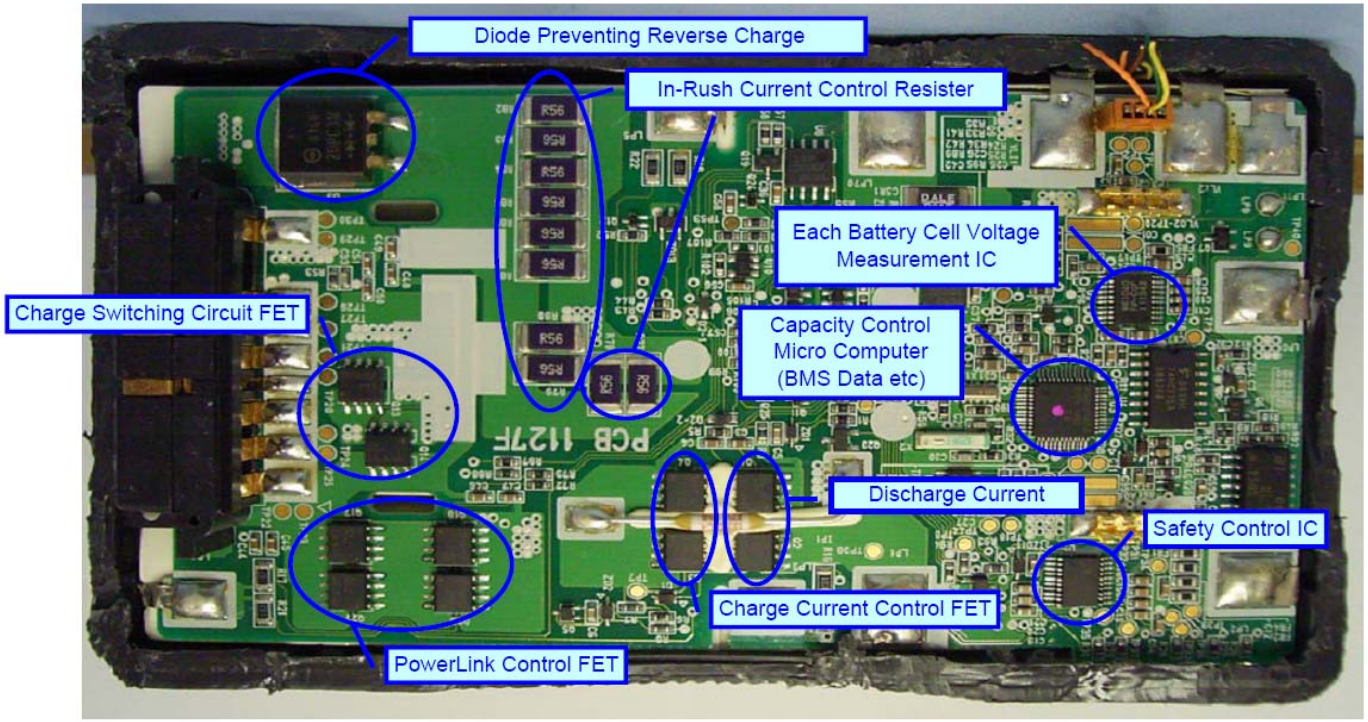
IDX Manufacturing:

14.8V, 6.3Ah, 93Wh ENDURA-10

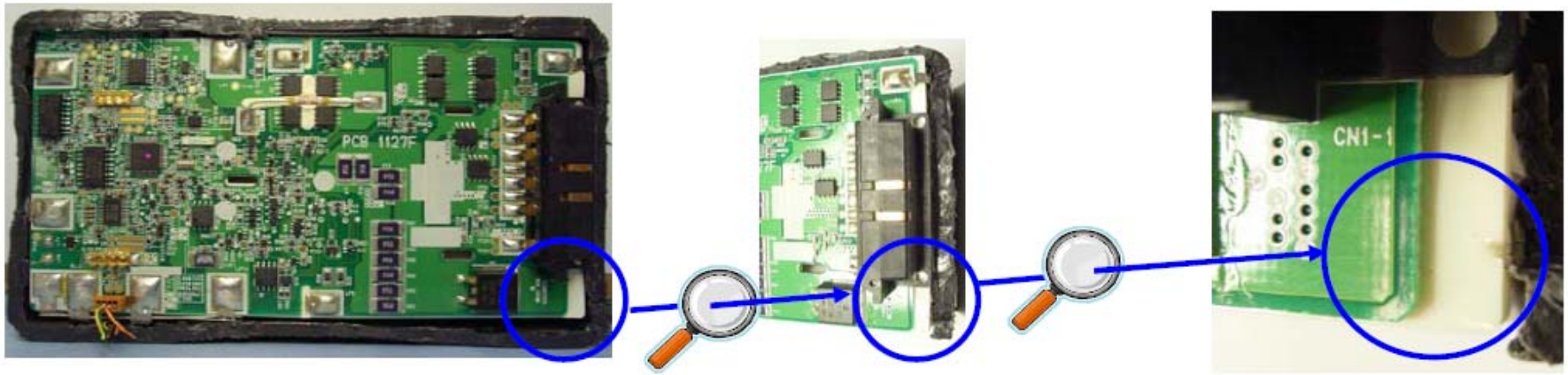
The internal PCB “Safety and Control Computer” from an ENDURA-10 battery.



IDX Manufacturing:

14.8V, 6.3Ah, 93Wh ENDURA-10

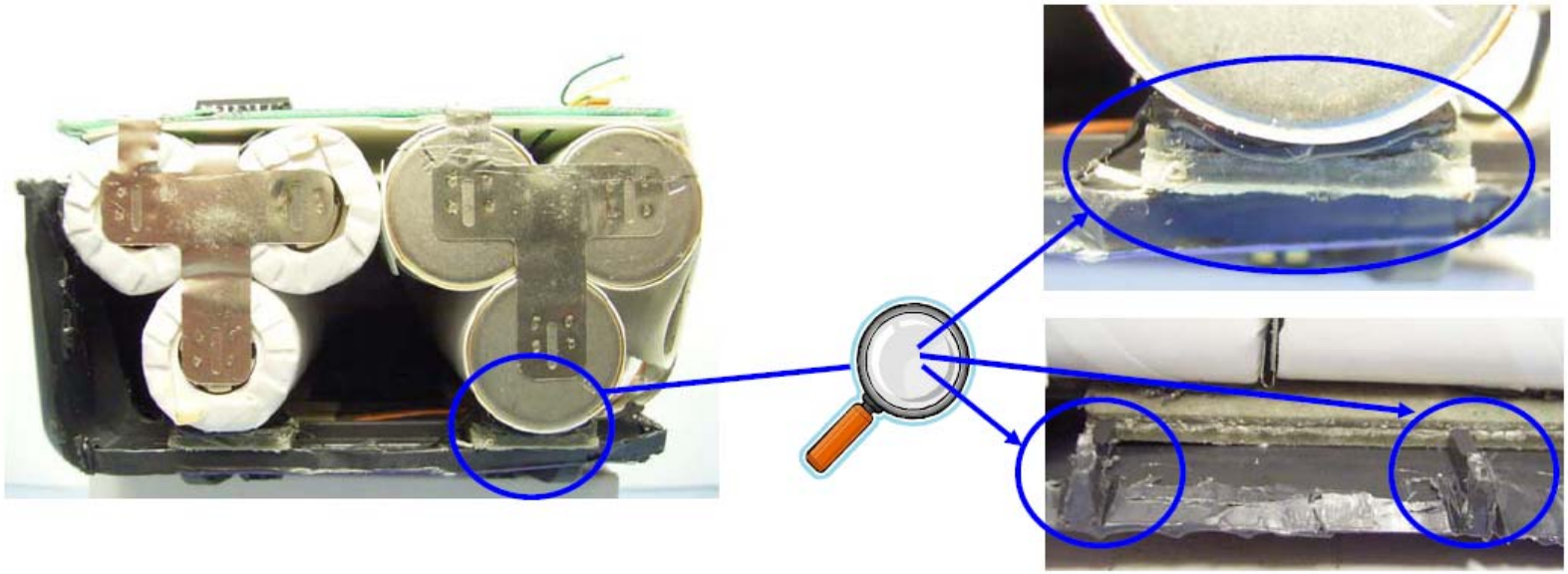
A Mylar sheet maintains a safe and positive insulation between the PCB and cells.



IDX Manufacturing:

14.8V, 6.3Ah, 93Wh ENDURA-10

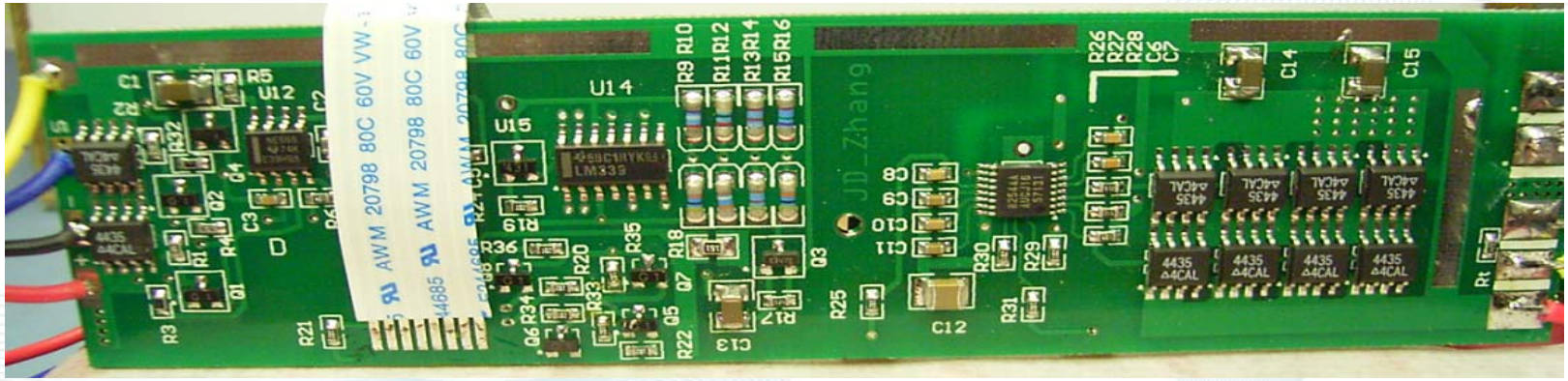
The Lithium Ion cell assembly is glued onto cushion padding and held firmly in location by vertical ribs.



Low Cost Manufacturing Example:

14.8V, 9.5Ah, 140Wh Li-ion Battery

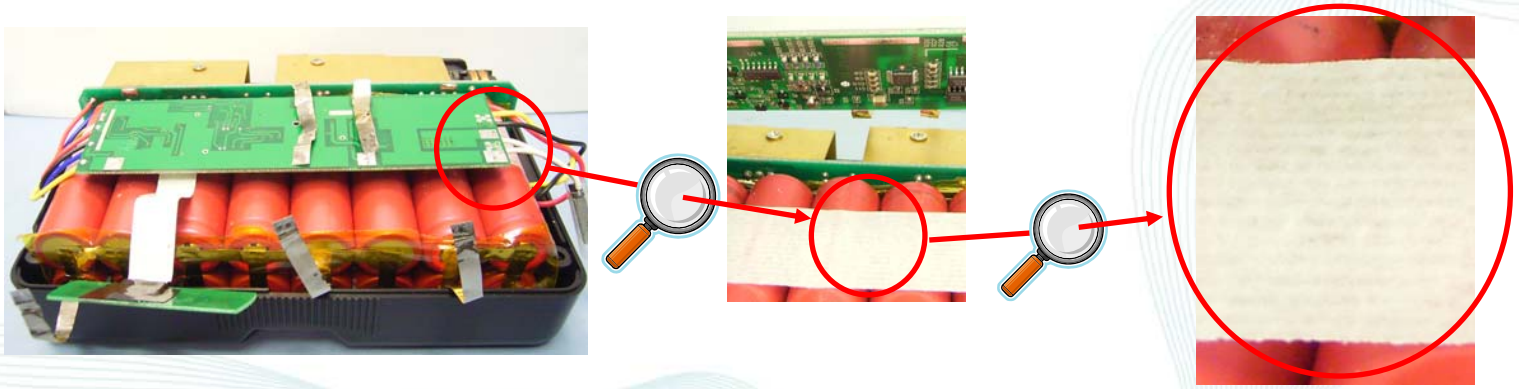
Not many control features compared to the ENDURA-10.



Low Cost Manufacturing Example:

14.8V, 9.5Ah, 140Wh Li-ion Battery

Poor insulation between the PCB and cells, using just masking tape.



Low Cost Manufacturing Example:

14.8V, 9.5Ah, 140Wh Li-ion Battery

Almost no securing of cells against shock and vibration. The cell assembly just sits in the cradle slot on the outer casing, with no glue or cushioning measures.