



State of Charge Algorithm for ST SCP58 E Line MCUs for Automotive Applications

Lemberg Solutions developed this algorithm to calculate the State of Charge of Li-ion batteries. We designed it specifically to work with ST SPC58 E Line MCUs, which meet the highest ASIL-D safety requirements for mission-critical automotive applications.

The hardware we used includes L9963 14 Cells BMC IC Evaluation Board and a 4 cell pack for 18650 batteries.

If your device is based on an SPC58 MCU, download the algorithm following the link:

<https://drive.google.com/file/d/1d5NHaoqL-3AOHvBExJrQfalsqygleiX/edit>