

## **MODULE DESCRIPTION**

The C307 MCA PJB manages different inputs –analog sensors, digital switches, etc- and controls them through one micro-controller who is reading them permanently. The micro-controller is the core of the system. It also manages automotive power loads through SmartFet drivers and relay drivers, according the functionality described in the specifications. There are diagnostics between SmartFet and the micro-controller in order to operate the loads depending on their state (normal operation, open circuit or short circuit).

Moreover, the PJB performs the RKE RF functionality by means of an integrated receiver. This receiver is responsible to pick up the RF frame and decode it in order to perform the locking & unlocking of the vehicle doors.