

KIN Description of Operation

The Keyless Ignition Node module (KIN) provides the ignition start signal to the RF Hub module (RFHM) when the IGN switch is activated and has 4 different LED's to indicate the IGN status (OFF, ACC, RUN and Start button). The KIN module also provides the immobilizer back-up start mode functionality when the FOB is in failure battery condition. The KIN has a LF driver for communication with the Fob for the back-up start mode. The KIN communicates to the RF Hub Module via a dedicated LIN bus where the RFHM is the master. The KIN also has a hardwired IGN SW output signal that is directly connected to Vbatt.