TATA ELXSI

DRIVER BEHAVIOUR MONITORING SYSTEM

Overview

Complete Development of hardware, software until Product Prototype development and Manufacturing support for supplier.

Scope

- Requirement Analysis
- HW Design & Schematics Development, PCB Design, Fabrication & Assembly
- SW Design & Implementation
- Board Bring Up
- Module testing
- System Testing
- Acceptance testing at thr manufacturing site

Environment/ Tools

Hardware:

- Data Acquisition Unit – Kinetics K20
- Processing Unit – IMX6 Quad Core

Software:

- Linux Kernel 3.10.17
- C\ Assembly
- Code Warrior Development Studio
- QP-Nano
- MQX RTOS