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# Case Study

Handheld BFSK Wireless

Communication Box



# Case Study

## Handheld BFSK Wireless Communication Box

# HANDHELD HALF DUPLEX BFSK

## WIRELESS COMMUNICATION BOX

### Project

Battery operated handheld Half Duplex Binary FSK Communication System

### Execution Mode

Turn-key Solution - Offsite Development with Remote Debug

### Customer

Mid-sized Railways Product company  
End Customer – European Railways





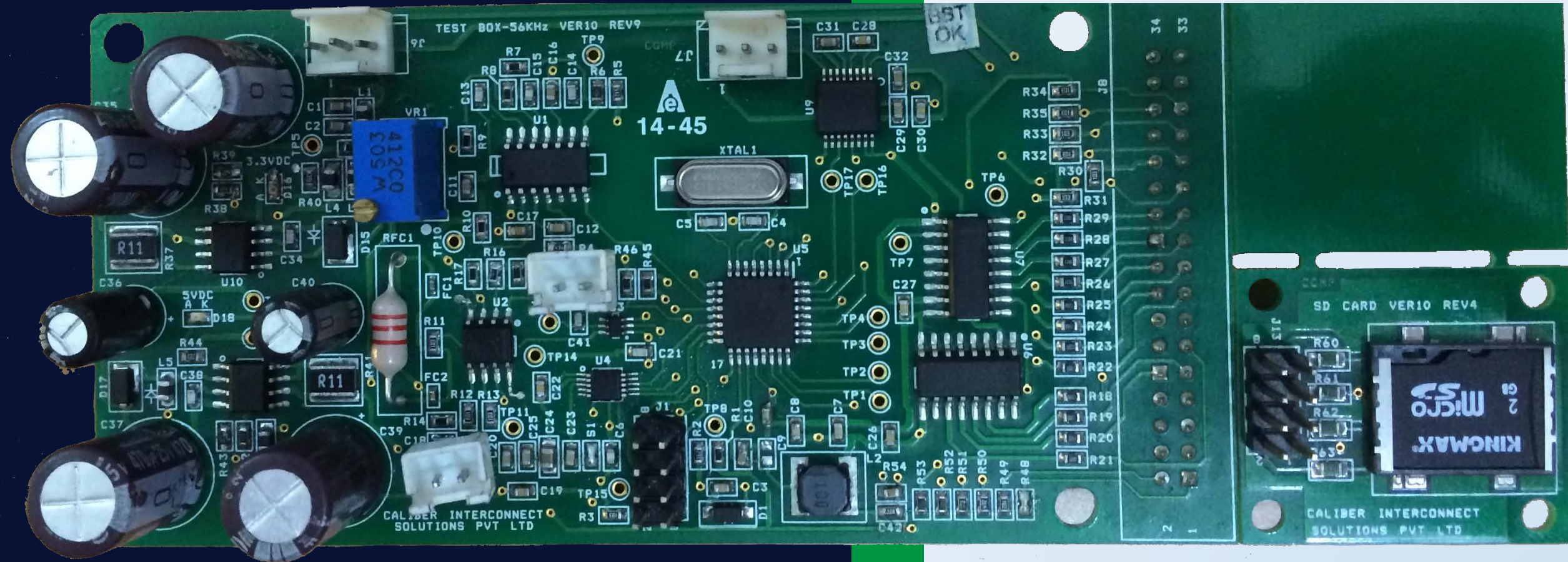
# HANDHELD HALF DUPLEX BFSK WIRELESS COMMUNICATION BOX

## Project Description

Handheld Battery Operated BFSK Wireless Communication System to generate the wireless control signals and communicate with the Platform Control Unit. The Communication Box emulates the Train control signals in the absence of train for maintenance purpose.

# Electronics

Inside the Box



# What We Delivered



## Designed and developed the complete unit

- Concept to Product Delivery



## Designed and developed

- Hardware
- Firmware
- PCB
- Mechanical Enclosure



- System designed to emulate the train control Signals in the absence of Train for maintenance purpose
- Generate the wireless control signals and communicate with the Platform Control Unit

# Contact Info



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