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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





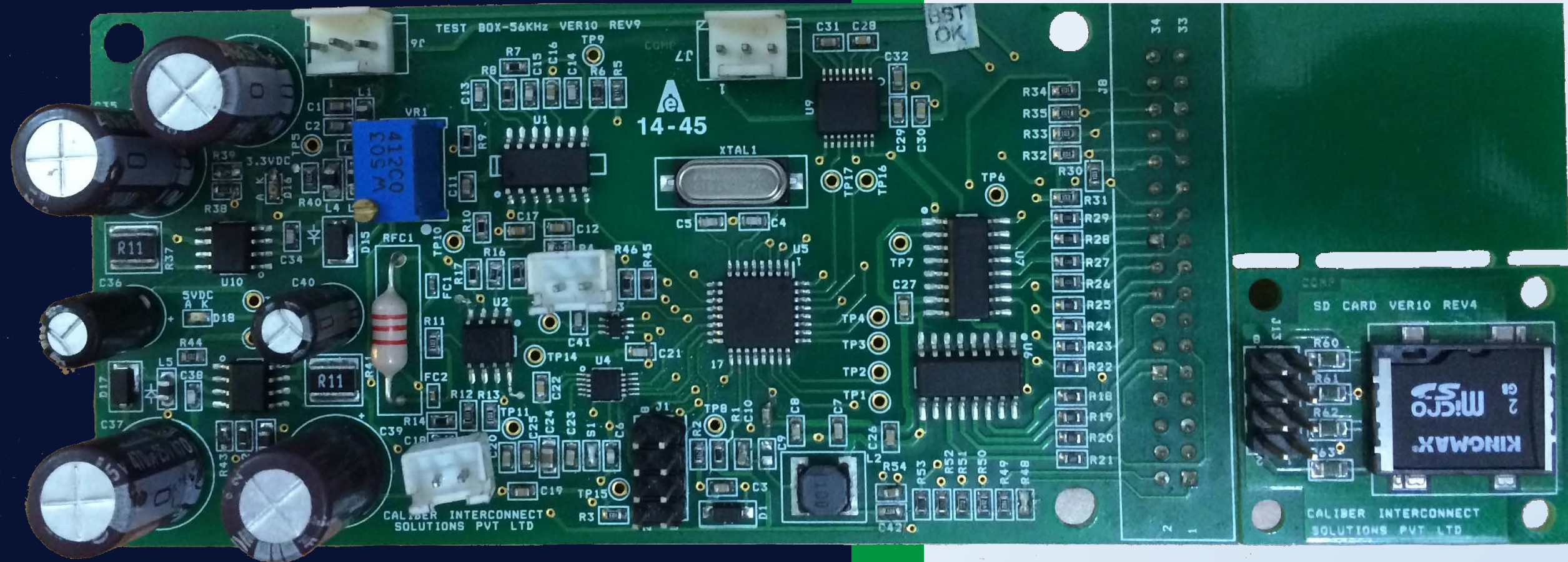
HANDHELD HALF DUPLEX BFSK WIRELESS COMMUNICATION BOX

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



COIMBATORE

No 6, 1st Street , Gandhi Nagar
Kavundampalayam,
Coimbatore - 641030,
Tamilnadu , India

P: +91 422 2448557

JAPAN

Mr.Kimiaki Tanaka,
1-12-15 Ogikubo ,
Suginamiku,
Tokyo 167-0051 , Japan,

P: +81-3-6321-8051

Bengaluru

#1196, 22nd Cross,
Sector3, HSR Layout,
Bengaluru - 560 102,
Karnataka , India

P: +91 8220045420

USA

24230 English Rose Pl,
Valencia CA-91354,
California ,
USA

P: 510-709-0750



● Headquarters ● Development Centers

sales@caliberinterconnect.com

www.caliberinterconnect.com