Title: MIB Entry system specification

Project:	MIB Entry Radio		
Maturity:	draft/ ready/ reviewed	**Version:**	A01

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Purpose:
This document show the MIB Entry Radio system PCB pictures

History of Content Changes				
Version	**Status**	**Date dd-Mmm-YYYY**	**Document Owner, Department**	**Changes** (e.g. CR-number)
A01	released	27-Feb-2012	F. Born I IC RD G EE D2	First version

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1 Introduction

This document shows an overview of the MIB Entry Radio system with the internal PCB's.

The MIB Entry Radio is a multi media radio with an on board Bluetooth module from ALPS which support the Bluetooth version V2.1+EDR with a max. data rate up to 3Mbit/s in EDR mode.

1.1 System description

The Bluetooth module in the MIB Entry Radio system is implemented for audio and data connections with mobile devices like mobile phones.

The basic function of the MIB Entry Radio Bluetooth system is the hands free functionality in combination with the car internal loudspeaker and microphone.

The ALPS Bluetooth module UGZZC is a Bluetooth pre qualified module with internal 26MHz crystal.

The following picture show the MIB Entry Radio hardware with the housing:

Figure1: MIB Entry Radio, front top view

2 System overview

The following pictures show the MIB Entry Radio system disassembled down to the Main PCB.

Figure2: MIB Entry Radio without front unit

Figure3: downside without bottom plate

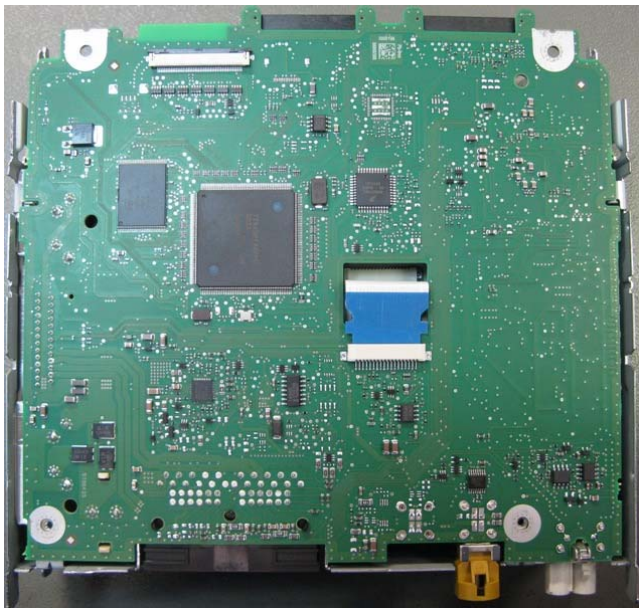

Figure4: Main PCB Bottom side view

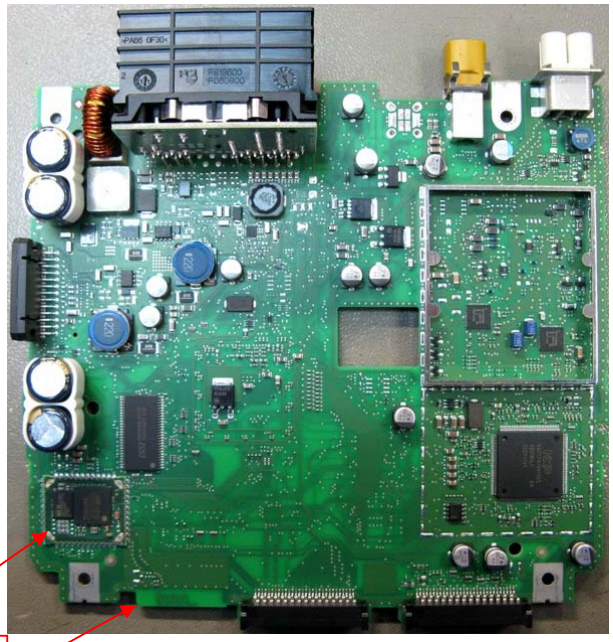

Figure5: Main PCB Top side view

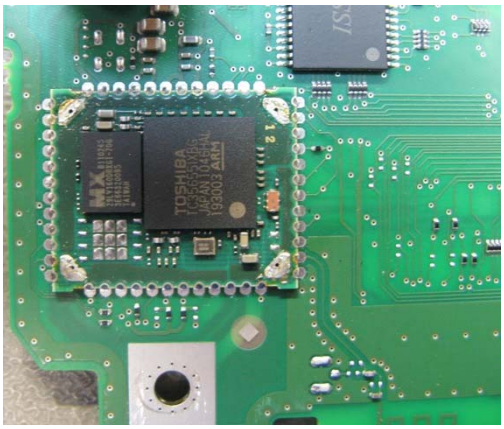

Figure6: Bluetooth module at Main PCB layer Top

Figure7: CD drive view

Figure8: Front unit back side view

Figure9: Front PCB layer Bottom

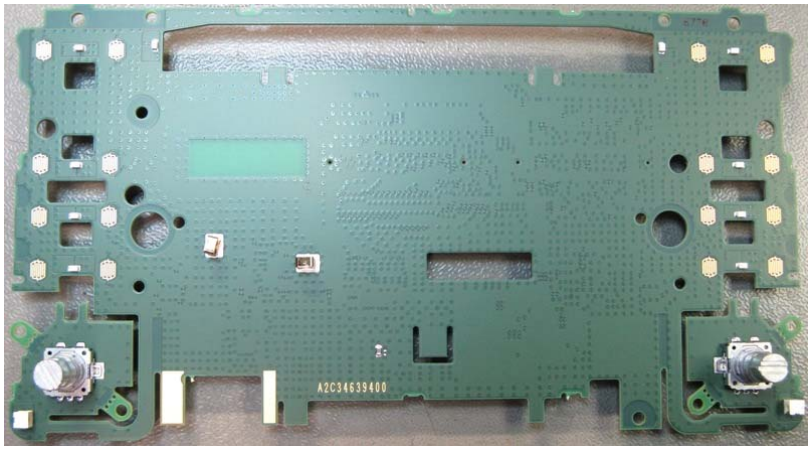

Figure10: Front PCB layer Top