

SIXTH SENSE FOR VEHICLES

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Abstract— Sixth sense for vehicles is the new device for accident preventing system all the people are aware of the air planes black boxes they are no longer just the key tool in investigation of airplane accidents the sixth sense for vehicles as the third eye is slowly gaining an important role in enquiry of car accidents as well. This system will undoubtedly help both the police and insurance companies in reconstruction of the events before the accident but it will also bring a number of benefits for the car's owner without any witnesses present

I. INTRODUCTION

This system will undoubtedly help both the police and insurance companies in reconstruction of the events before without any witnesses present. Microchip's PIC micro 8bit MCU's offer a price/performance ratio that allows them to be considered for any the accident but it will also bring a number of benefits for the car's owner traditional 8 bit MCU application as well as some traditional 4 bit application, dedicated logic replacement and low end DSP applications. These features and price performance mix make PIC micro MCU's an attractive solution for most applications. Sixth sense for vehicles is the new device for accident preventing system. All the people are aware of the air planes black boxes they are no longer just the key tool in investigation of airplane accidents the sixth sense for vehicles as the third eye is slowly gaining an important role in enquiry of car accidents as well. This system will undoubtedly help both the police and insurance companies in reconstruction of the events before the accident, but it will also bring a number of benefits for the car's owner without any witnesses present.

II.MATERIALS AND METHODS

Microchip's PIC micro 8bit MCU's offer a price/performance ratio that allows them to be considered for any traditional 8 bit MCU application

as well as some traditional 4 bit application, dedicated logic replacement and low end DSP applications. These features and price performance mix make PIC micro MCU's an attractive solution for most applications. Here we employ PIC16F877A Microcontroller which receives data via a RS 232 converter and sends the information through the transmission logic unit. The combination of the amplifier and the serious pass transistors together with the resistive voltage divider to tap off a portion of the output voltage constitutes a feedback amplifier. The closed loop amplifier configuration acts to maintain the traction of the output voltage feedback to the amplifier inverting input terminal equal to the reference voltage that is supplied to the non-inverting input terminal. When the vehicle starts, GPS module sends the longitude and latitude position details of the vehicle to the microcontroller. Microchip's PIC micro 8bit MCU's offer a price/performance ratio that allows them to be considered for any traditional 8 bit MCU application as well as some traditional 4 bit application, dedicated logic replacement and low end DSP applications. These features and price performance mix make PIC micro MCU's an attractive solution for most applications. The closed loop amplifier configuration acts to maintain the traction of the output voltage feedback to the amplifier inverting input terminal equal to the reference voltage that is supplied to the non-inverting input terminal.

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