

GPS Development System

Introduction

GPS development Board is designed to learn fundamental of GPS operation .To get data from Satellite and display On LCD .and use that coordinate in program for further development of projects. This product is useful for ECE ,CSE,IT students to develop application .

Technical Specification

- 16x2 LCD display.
- RS 232 interface with microcontroller.
- Baud rate 9600 to 115200.
- Searching facility upto 65 channels of satellites.
- LED indication data output.
- Supports NMEA data protocol.
- Works from +12V DC.
- Magnetic Base Antenna.
- Working frequency – 1575 Mhz.
- Based on 8051 or PIC Or ARM Or AVR
- USB Programming
- On Board 16x2 LCD display, 2relays,
- Buzzer, RTC &EEPROM , 8 LEDs,
- Stepper Motor Drivers, ADC Single Channel.
- On board programming facility



Experiments

- Program to display latitude longitude and east west indication on lcd
- Program to display utc time on lcd
- Program to display utc time and latitude on lcd



All The Technology You need

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ADVANCE TECH INDIA PVT. LTD

Website: www.atechindia.com. E-mail: atechindia@gmail.com