

THE HALL-EFFECT ELECTRONIC COMPASS

Prepared by: Tan You Hock

ABSTRACT

For casual hiking, biking, camping, or even excursion into next country, it is a very useful direction locator. Especially, the electronic compass is very useful in the dark area because a certain LED lighting up indicates the direction. It also can be an absolute directional reference when the robots negotiate a room or even a rat maze. Due to many applications and advantages the electronic compass provided, so the usage of this compass is getting wider and wider.