```
#define  VRxL  A3
#define  DirL   11
#define  PwmL   9
int xL;
void   setup()
{
   pinMode(DirL,OUTPUT);
   digitalWrite(DirL,HIGH);
   analogWrite(PwmL,0);
}
void loop()
{
   xL=analogRead(VRxL);
   xL=map(xL,0,1023,255,-255);
   if (xL>50)              //前進
   {
      digitalWrite(DirL,HIGH);
      analogWrite(PwmL,xL);
   }
   else if (xL<-50)        //後退
   {
      digitalWrite(DirL,LOW);
      analogWrite(PwmL,-xL);
   }
```

255
前進

50
停
-50

後退

-255