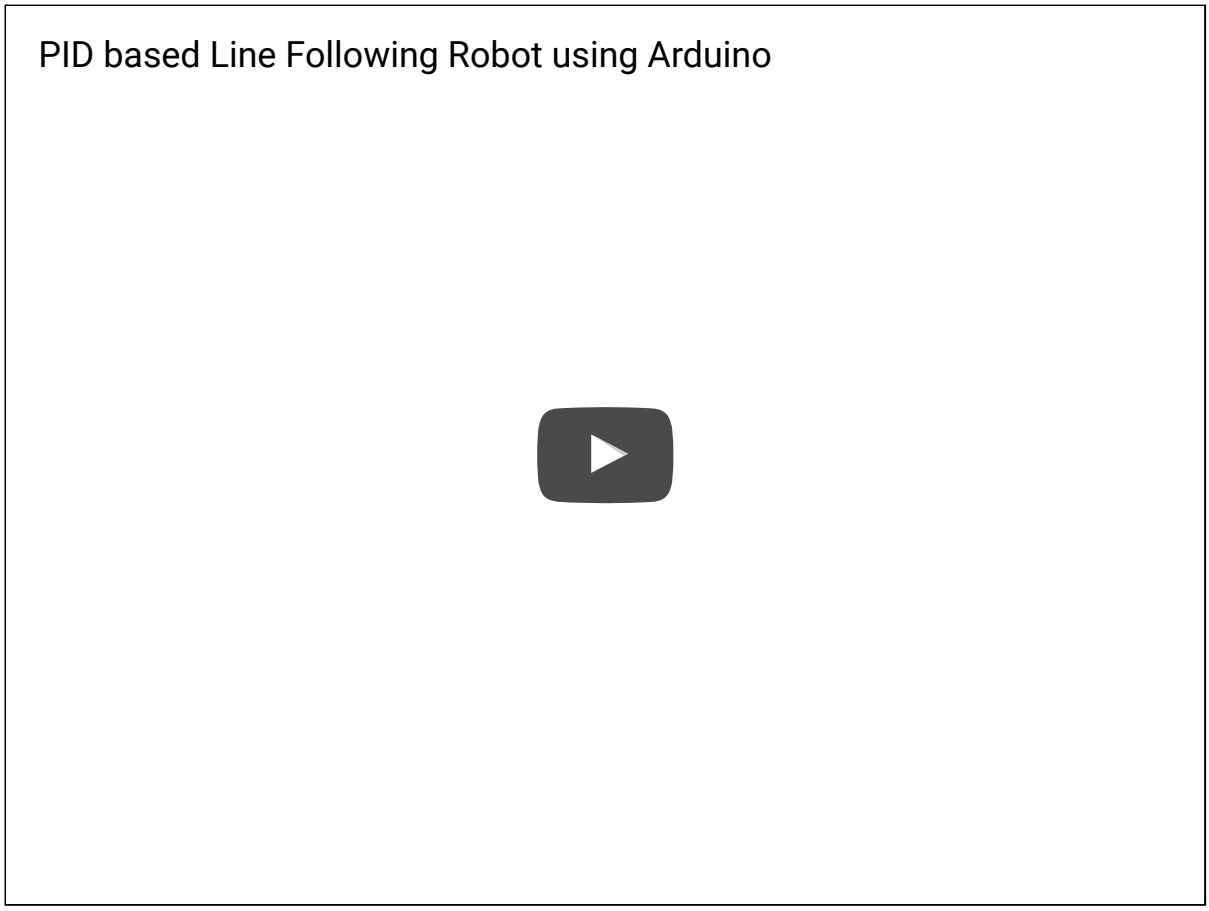
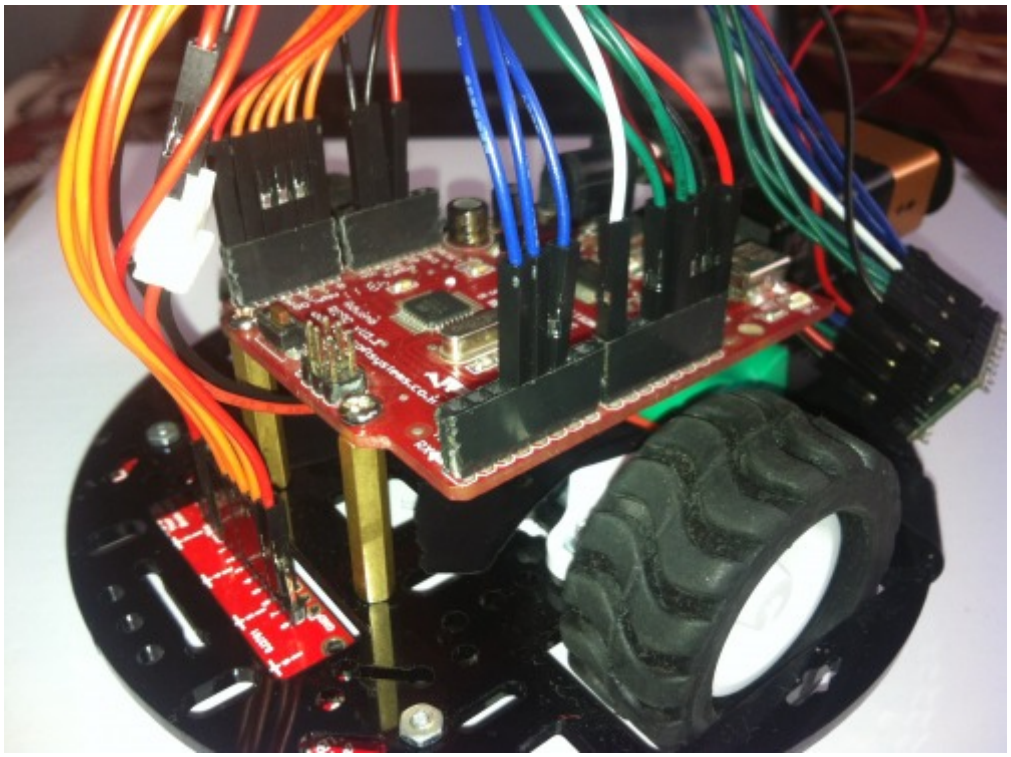
PID line follower with 5" robot chassis

Posted by **Claire** on 18 April 2014 Tags: **community projects**
2 comments



This PID line follower, originally featured in **this Let's Make Robots post** by user Enigmerald, uses our **5" Robot Chassis** along with **30:1 MP micro metal gearmotors**, **extended brackets**, and our **42×19 mm wheels**. Our **QTR-8RC Reflectance Sensor Array** is used to sense the line and our **TB6612FNG carrier**, along with an Arduino-compatible controller, is used to control the motors. A diagram of how everything is connected and the code for the robot are available in Enigmerald's post. The post also has a link to a **basic tutorial** on PID tuning using the QTR array.



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Thanks for mentioning my project here at Pololu!
You can also find the robot project at my website : **http://www.ashimandrobots.com/pid-based-line-follower.html**
And the tutorial : **http://www.ashimandrobots.com/pid-tutorials-for-line-following.html**

Regards,
Ashim

Ashim Sitoula
5 Jun 2014

It looks like there are a lot of other cool robots on your site. Thanks for sharing it!

Claire
6 Jun 2014

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