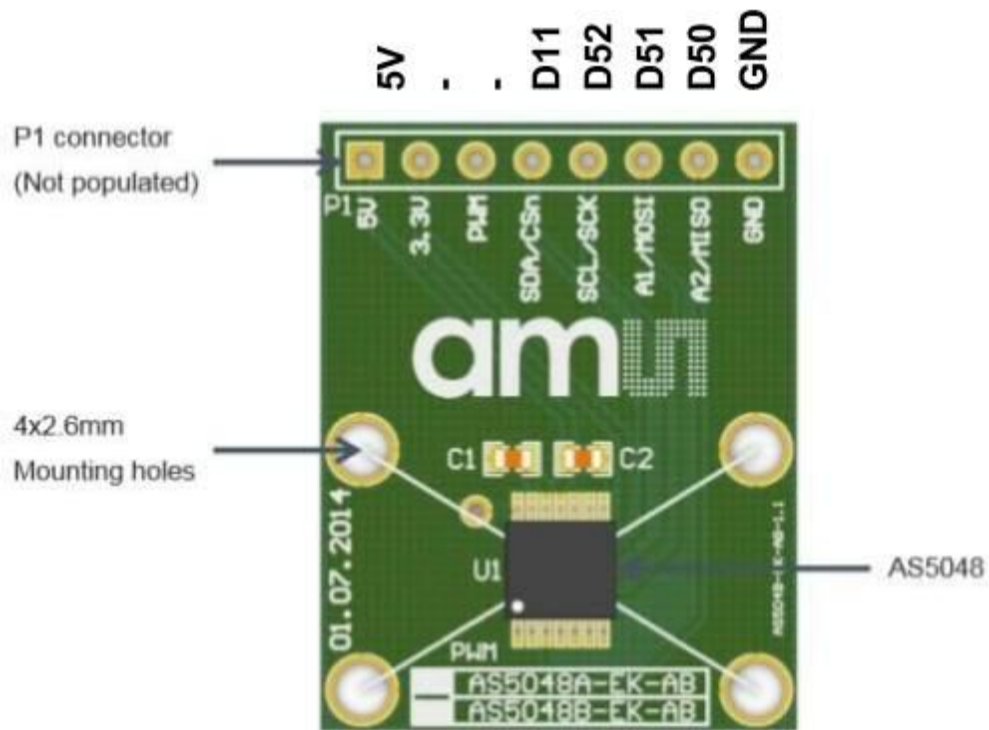# Using the magnetic sensor as encoder of the DAGU motor DG01D
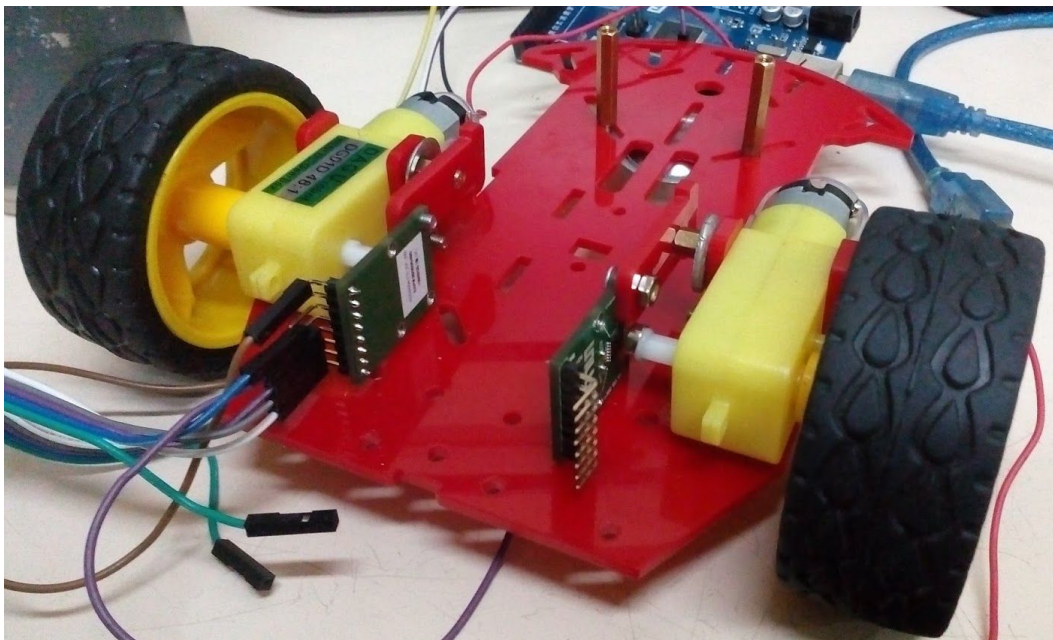
The board is connected to the Arduino Mega2560 (through SPI) in the following way:

Top view of the connection between the encoder board and the DC motor using the **Magician Chassis** of **Sparkfun**:

Isometric (?) view of both encoders mounted on the chassis.

In order to attach the magnet to the plastic motor shaft, it was used a glue for metals called *LOCTITE 326.*

LOCTITE®

326

ADESIVO ESTRUTURAL
ADHESIVO ESTRUCTURAL

SPEEDBONDER   385665

■ Alta resistência
■ Adesão de vidros e metais
■ Cura inicial 2 min
■ Temperatura de trabalho
   -54 a 110 °C

■ Alta resistencia
■ Adherencia de vidrio y metal
■ Cura inicial 2 min
■ Temperatura de trabajo
   -54 a 110 °C

PESO LÍQ. / PESO NETO   **50 g**