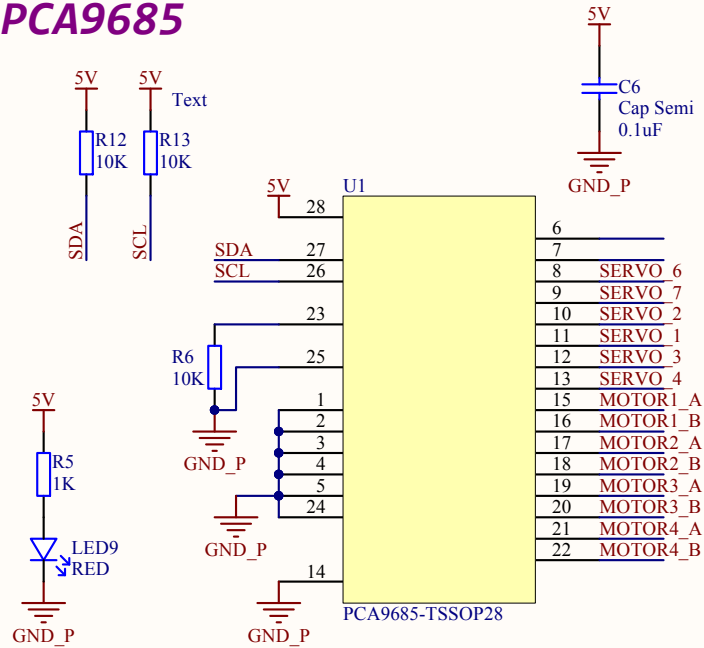
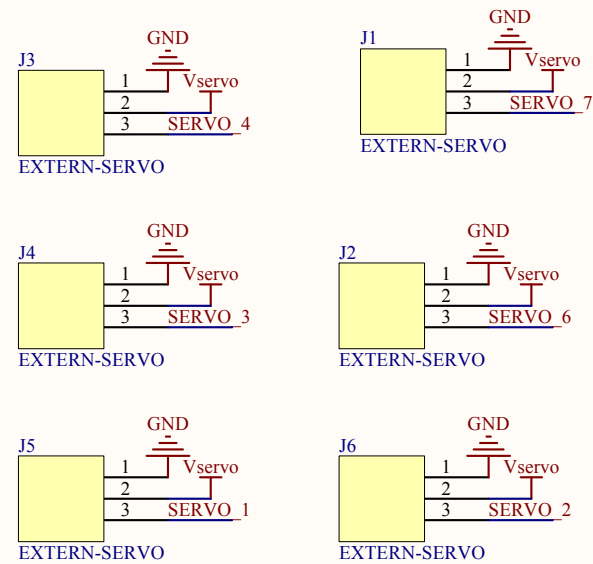


PCA9685

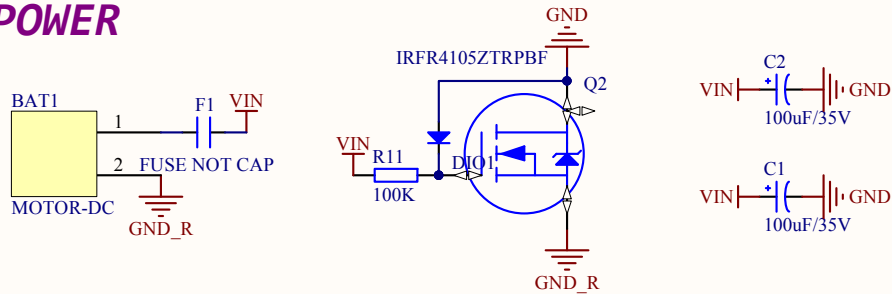


Servo Out



Note: servo power is an adjustable buck converter, the target voltage is set for MG996R is 7.5V

POWER



Servo Power



Title **Makerbot Motorshields**

Size: A

CN: BANHMI

Revision: B.12.2

Date: 4/23/2022

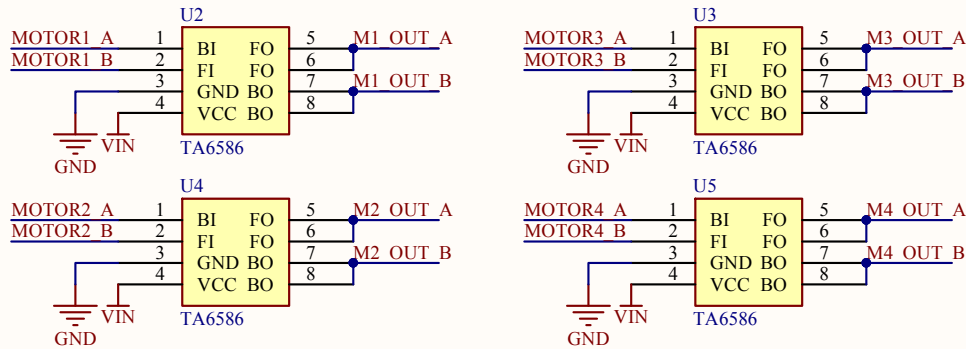
Time: 11:49:57 PM Sheet 1 of 2

File: C:\Users\AnhTu\OneDrive\Motorshield\2022 VIA Project\MOTORS.SchDoc

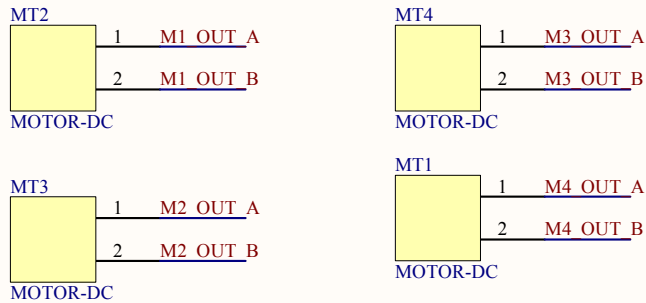
Maker Việt
29 Dương Khuê
2022 VIA Project
Draw by:
Tú Đặng



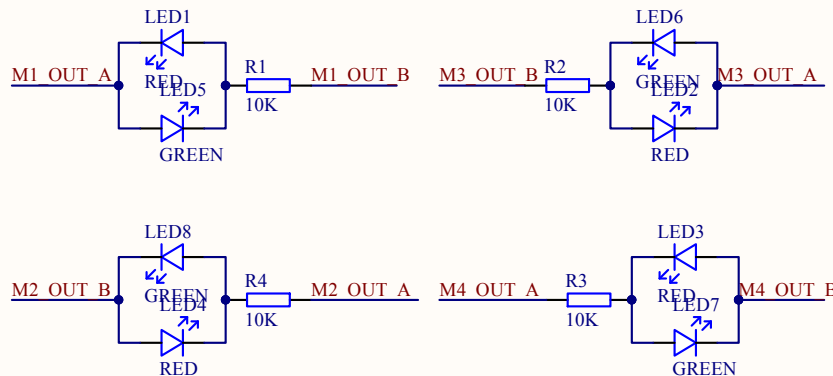
H bridges



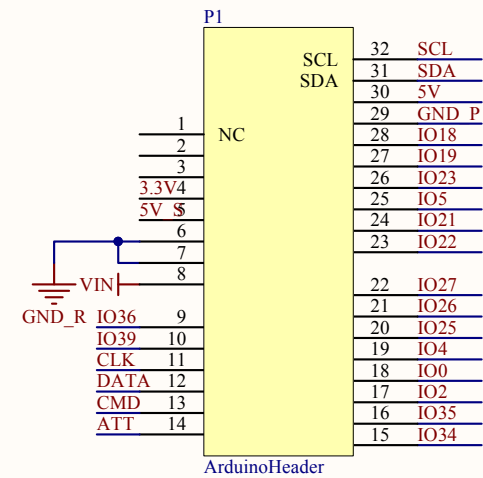
DC Motor connectors



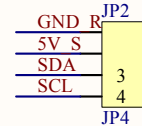
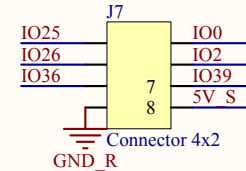
DC Motors LEDs



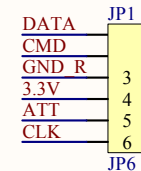
Arduino header



IR Line sensor I2C header



PS2 header



Title **Makerbot Motorshields**

Size: A

CN: BANHMI

Revision: B.12.2

Date: 4/23/2022

Time: 11:49:57 PM Sheet 2 of 2

File: C:\Users\AnhTu\OneDrive\Motorshield\H-bridge connector.SchDoc

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