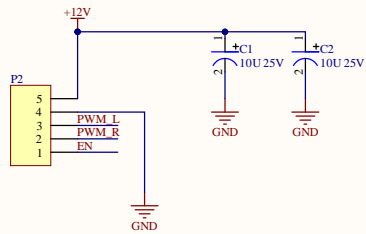
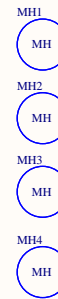
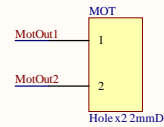


Input



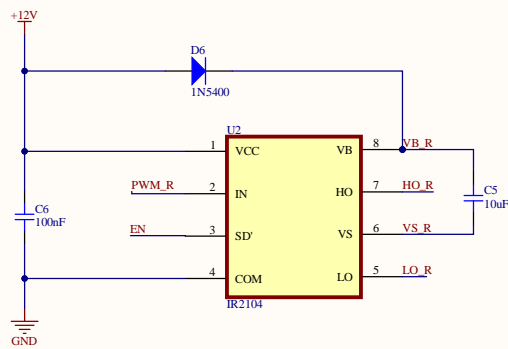
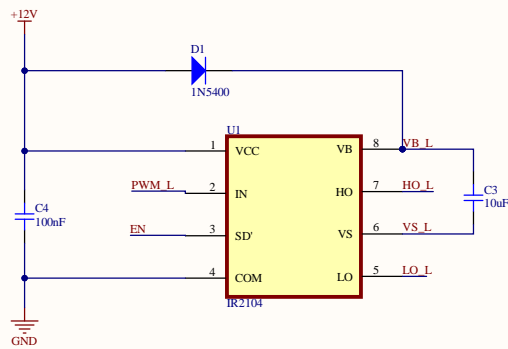
output



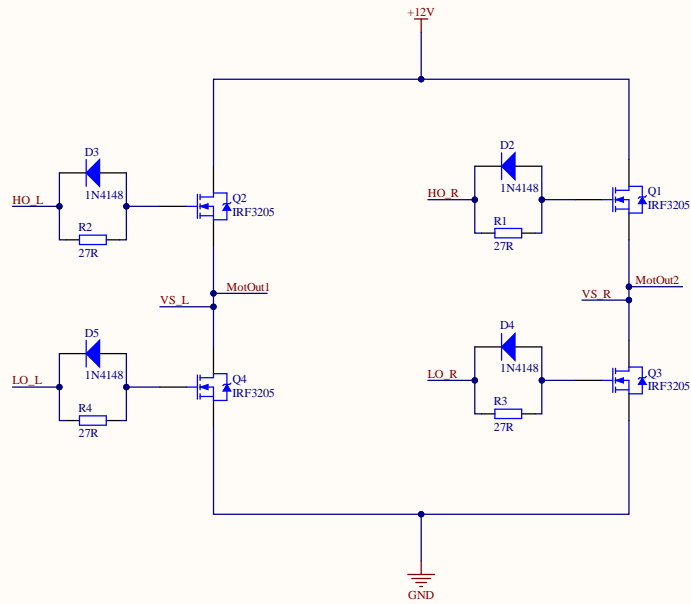
In this REV the PWM & EN signals are generated via UC developments board (Arduino/stm32 Neclueo)

The next REV will integrate an stm32 UC on the board.

Left & right H bridge drivers



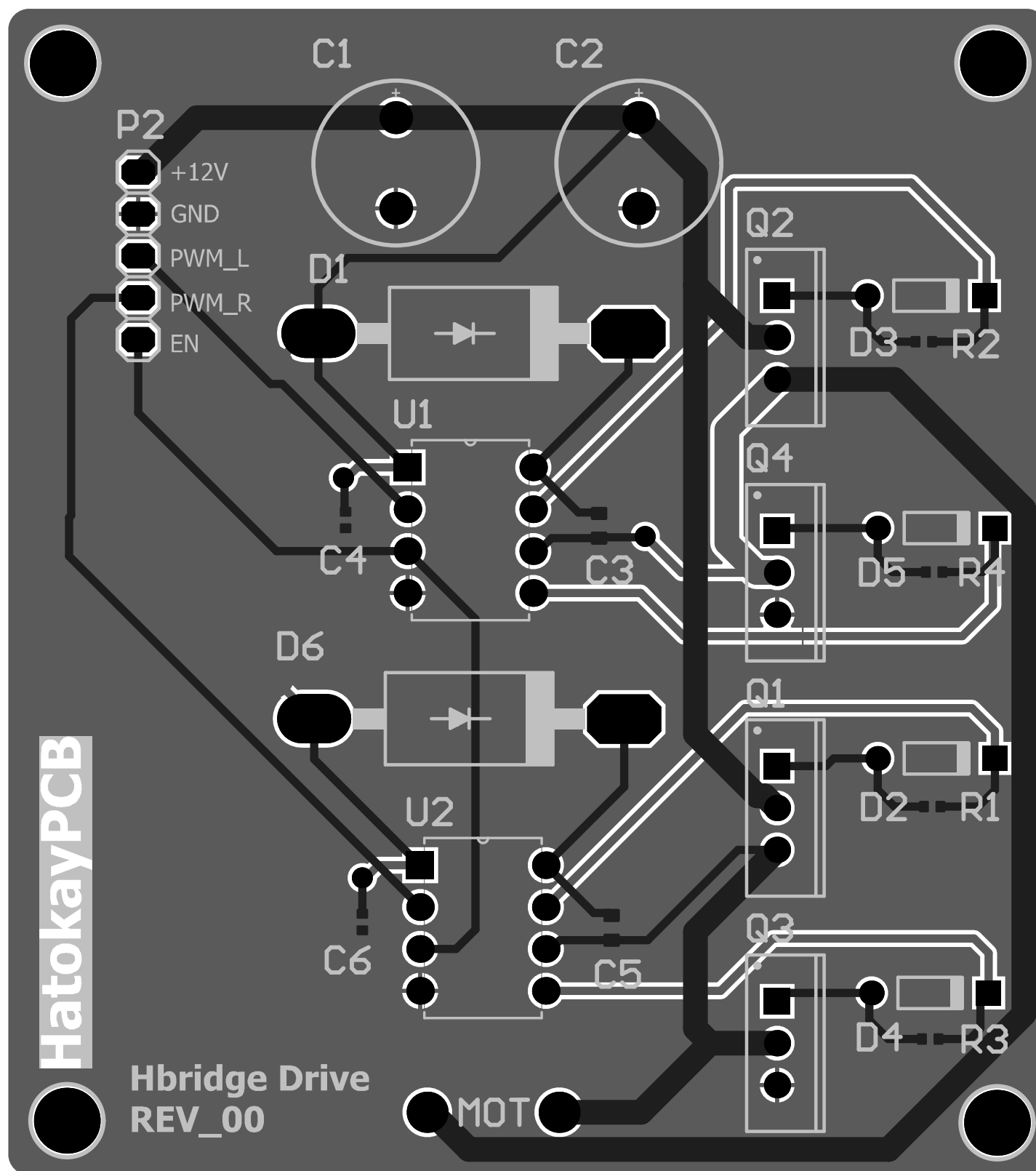
H bridge



Title		
Brused DC motor driver		
Size	Number	Revision
A3		REV-00
Date:	4/29/2024	Sheet of
File:	C:\Users\Main\SchDoc	Drawn By: Hatokay

HatokayPCB

Hbridge Drive
REV_00



Comment	Description	Designator	Footprint	LibRef	Quantity
10U 25V	[NoValue], CAP_POL_10X5.5X0.7	C1, C2	CAP_POL_10X5.5X0.7	CAP_POL_10X5.5X0.7	2
10uF	Capacitor SMD 0603	C3, C5	CAP_0603	CAP_0603	2
100nF	Capacitor SMD 0402	C4, C6	CAP_0402	CAP_0402	2
1N5400	3 Amp Diode	D1, D6	My_DO201-15	1N5400	2
1N4148	High Conductance Fast Diode	D2, D3, D4, D5	DO-35	Diode 1N4148	4
3mm Mounting Hole	3mm MH	MH1, MH2, MH3, MH4	3mm Mouning Hole	3mm Mounting Hole	4
Hole x2 2mmD	two mounting/solder holes. 2mm diamitter holes, spaced at 8mm.	MOT	2mm holes - 8mm apart	Hole x2 2mmD	1
Header 5	Header, 5-Pin	P2	My_1X05	Header 5	1
IRF3205	HEXFET Power MOSFET	Q1, Q2, Q3, Q4	TO-220AB	IRF3205	4
27R	Resistor SMD 0402	R1, R2, R3, R4	RES_0402	RES_0402	4
IR2104	IR2104	U1, U2	IR2104	IR2104	2