

A

A

B

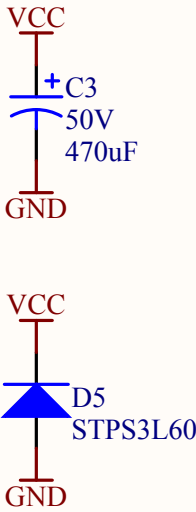
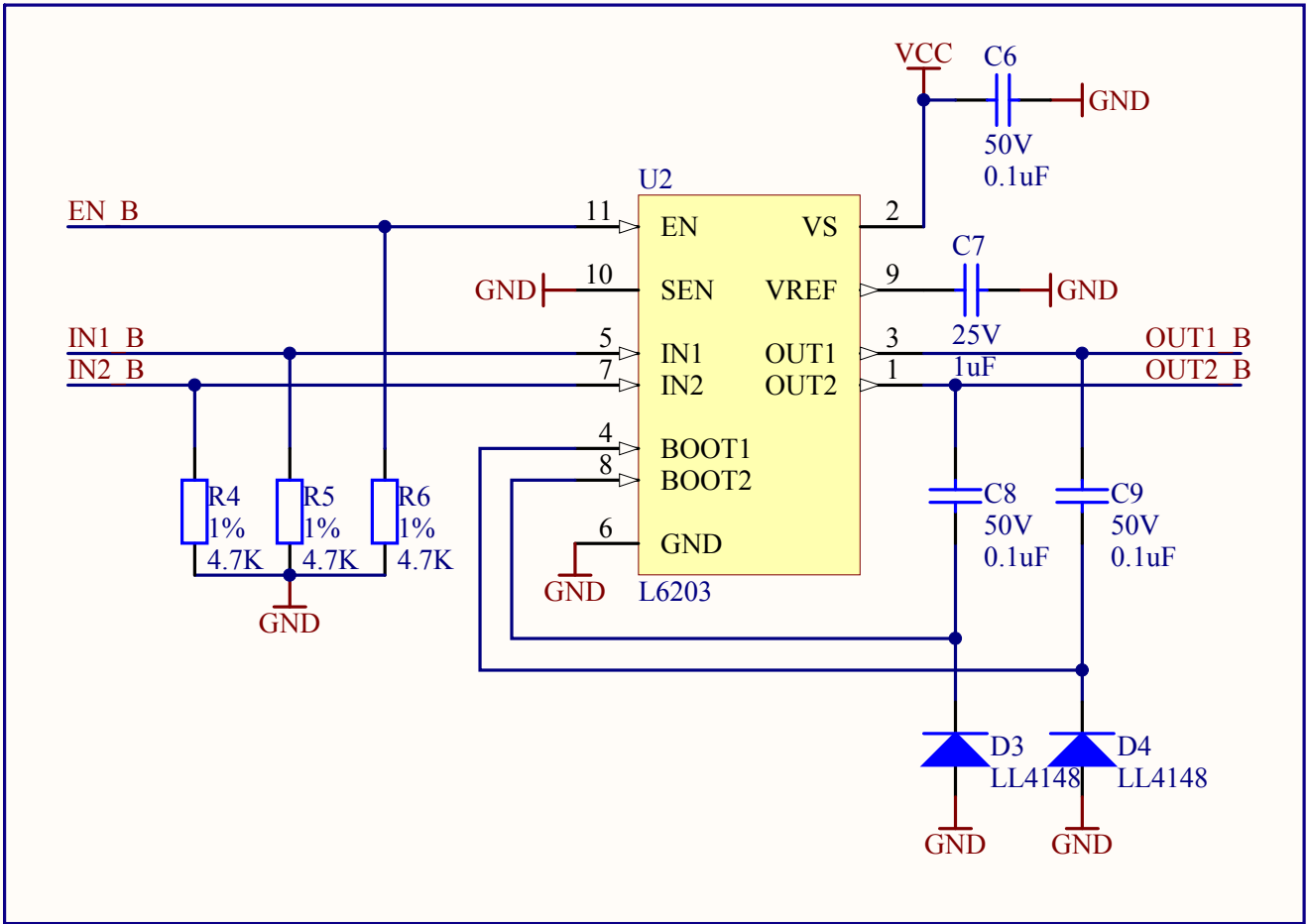
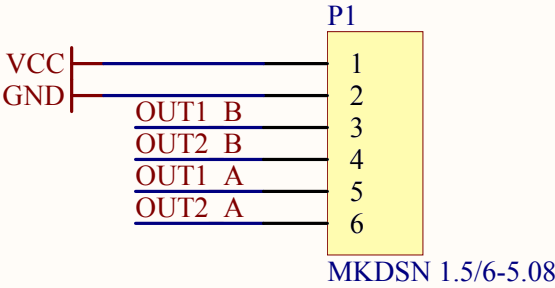
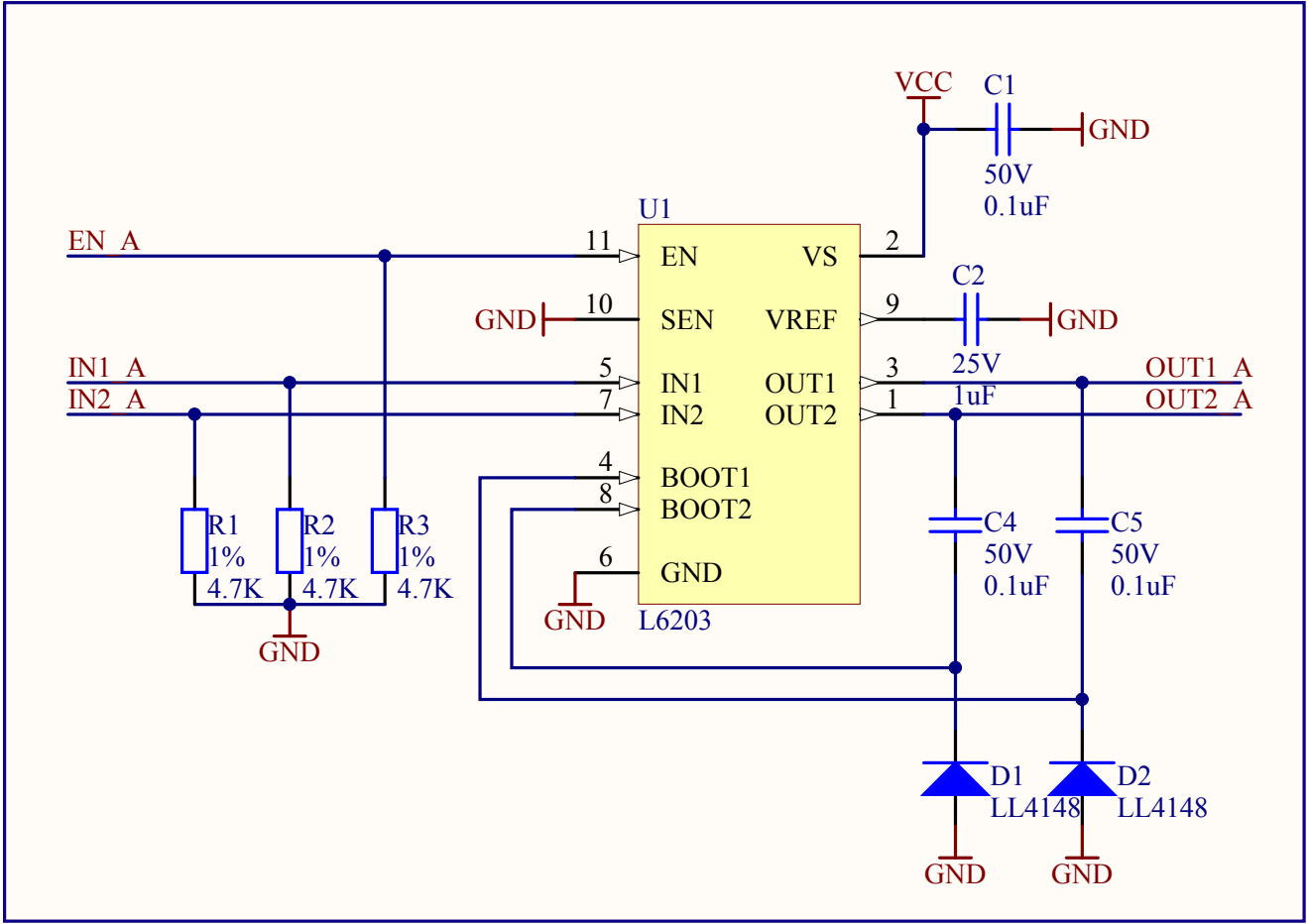
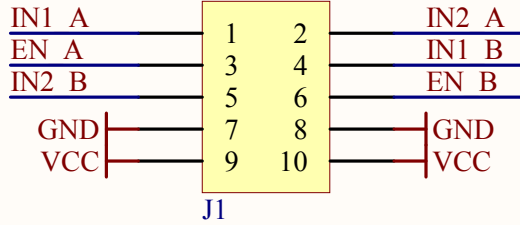
B

C

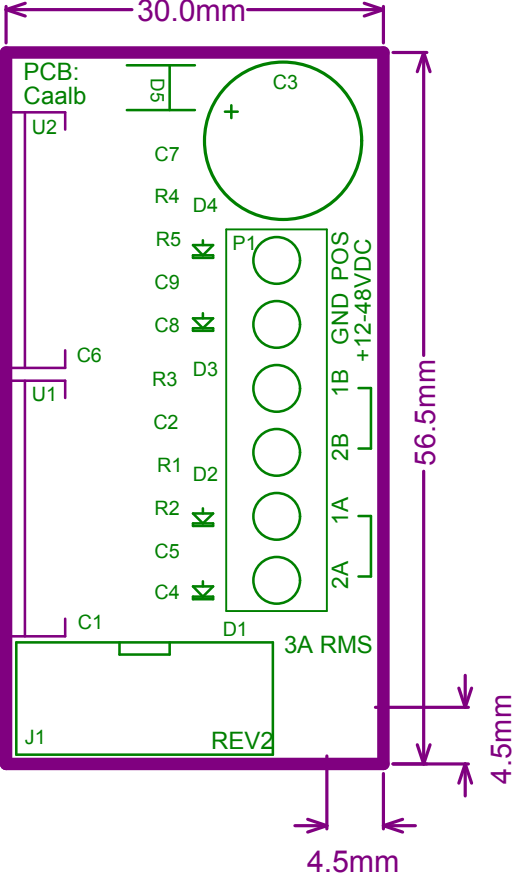
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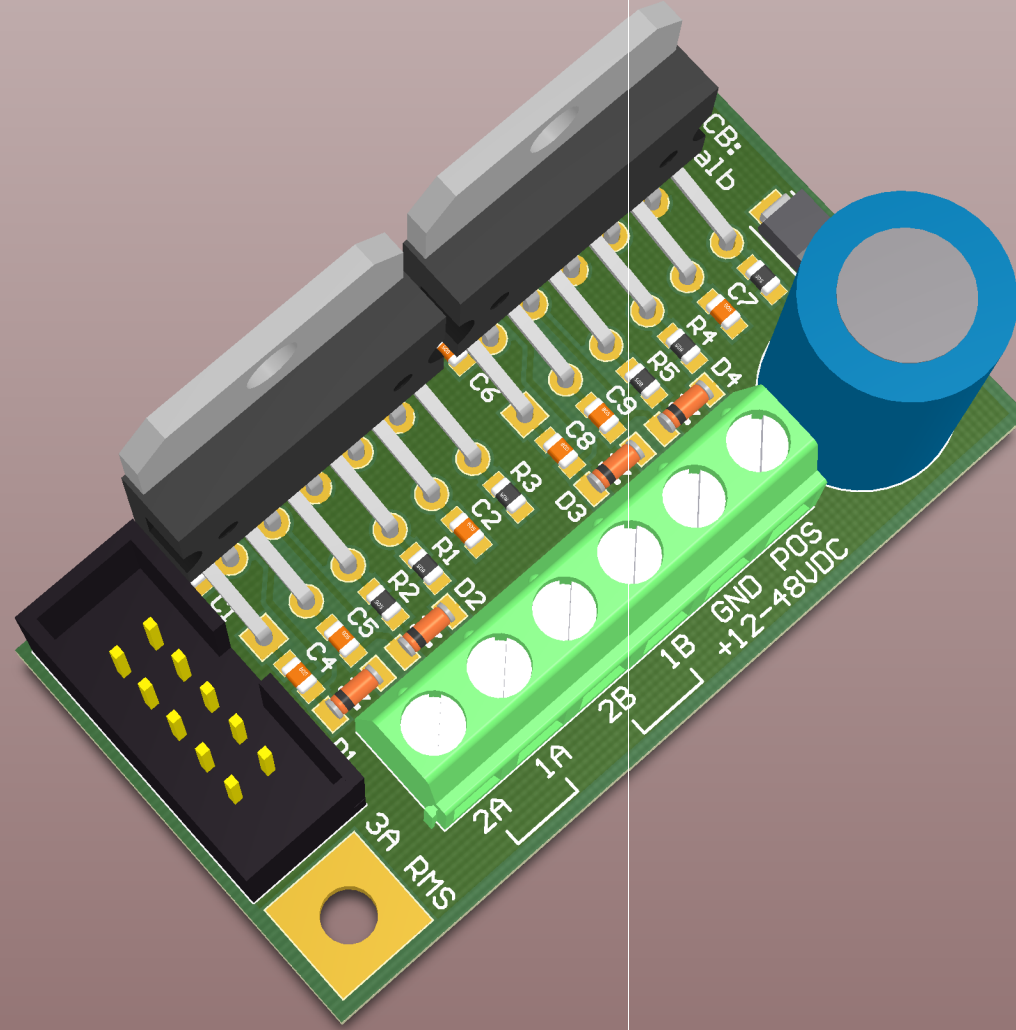
D

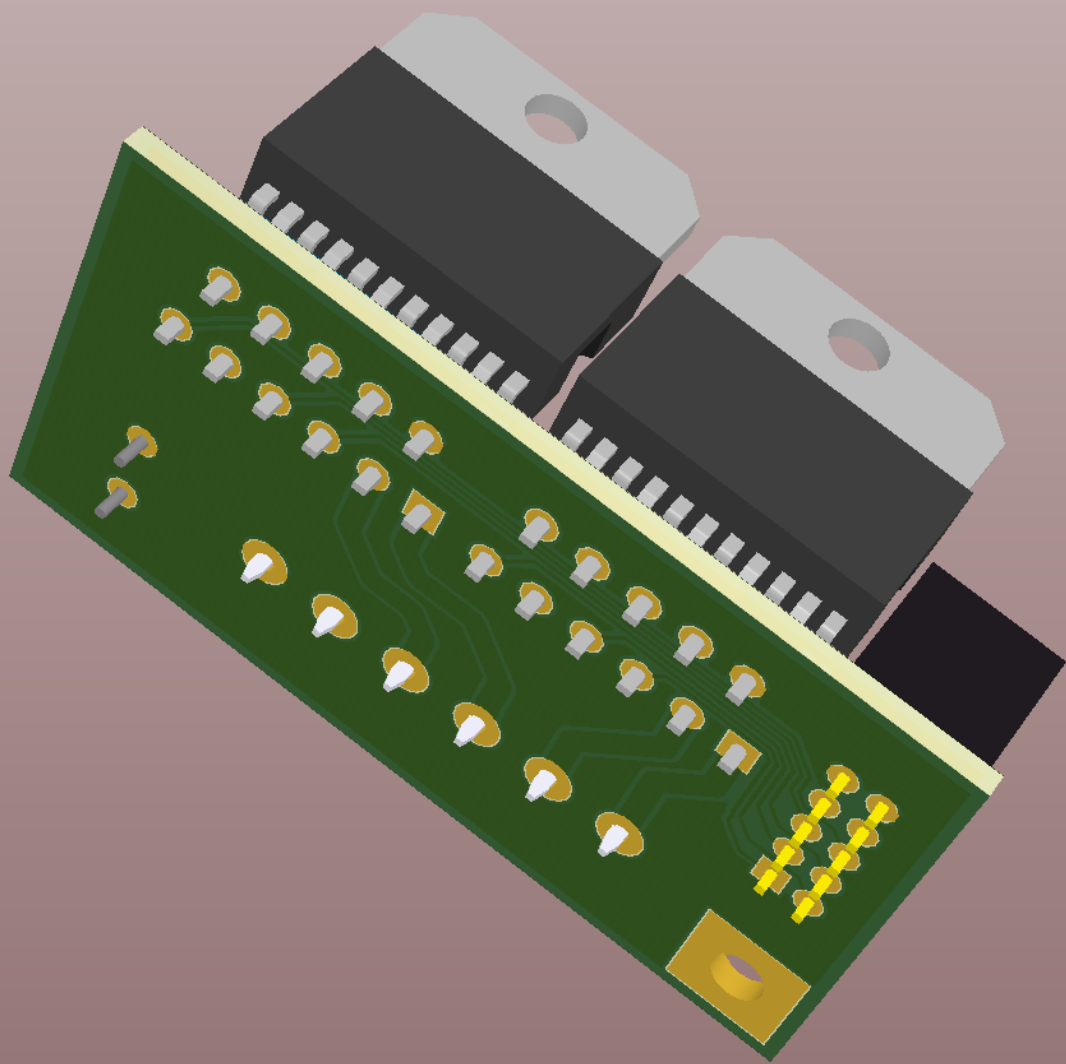
D



Title Dual H-Bridge_V2.SchDoc		Mærsk Inst - SDU ROBOLAB J28B Niels Bohrs Allé 1 5230 Odense M Denmark
Project: Dual_H_bridge_V2.PrjPcb	Revision:	
Date: 2/6/2012	Modified: 2/6/2012	
Drawn by: Caalb		







Bill of Materials

Project: Dual_H_bridge_V2.PrjPcb
 Variant: None

Creation Date: 2/6/2012 9:43:00 AM
 Print Date: 06-02-2012 06-02-2012 09:43
 Drawn By: Caalb

Address:
Mærsk Inst - SDU
ROBOLAB J28B
Niels Bohrs Allé 1
5230 Odense M
Denmark



Value	Comment	Description	Designator	Footprint	PN Digikey	PN Farnell	PN RS	Lager	Quantity
470uF	50V	Electrolyt	C3	CAP 12.5 x 20 x 5			526-1698	Yes	1
4.7K	1%	Resistor, SMD, 0805, 0.1W	R1, R2, R3, R4, R5, R6	0805R_H				Yes	6
1uF	25V	Capacitor, SMD, 0805	C2, C7	0805C_H			691-1167	Yes	2
0.1uF	50V	Capacitor, SMD, 0805, X7R	C1, C4, C5, C6, C8, C9	0805C_H				Yes	6
	2x5 Header	Header Male 2x5	J1	HDR2X5 FLAD				Yes	1
	L6203	DMOS Full Bridge Driver	U1, U2	TO-220-11	497-1421-5-ND	1467715	189-1217	Yes	2
	LL4148	Small Signal Fast Switching Diodes, 100V, 150mA	D1, D2, D3, D4	MINI-MELF		9549986	700-2886	Yes	4
	MKDSN 1.5/6-5.08	6-Pin, 5.08mm, 250V, 16A	P1	MKDSN 1,5/6-5,08	277-1251-ND		290-1270	Yes	1
	STPS3L60	POWER SCHOTTKY RECTIFIER 3A 60V	D5	DO-214AA_H	497-2454-1-ND		486-2723	No	1
								Total:	24