







Bill of Materials

Project: Dual_H_bridge_V2.PrjPcb

Variant: None

Creation Date: 03-02-2012 12:23:50

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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			526-1913	Yes	1
				x 5					
4.7K	1%	Resistor, SMD,	R1, R2, R3, R4, R5, R6	0805R_H				Yes	6
		0805, 0.1W							
1uF	25V	Capacitor, SMD,	C2, C7	0805C_H				Yes	2
		0805							
0.1uF	50V	Capacitor, SMD,	C1, C4, C5, C6, C8, C9	0805C_H				Yes	6
		0805, X7R							
	2x5 Header	Header Male 2x5	J1	HDR2X5 FLAD				Yes	1
	L6203	DMOS Full Bridge	U1, U2	TO-220-11	497-1421-5-ND	1467715	189-1217	Yes	2
		Driver							
	LL4148	Small Signal Fast	D1, D2, D3, D4	MINI-MELF		9549986	700-2886	Yes	4
		Switching Diodes,							
		100V, 150mA							
	MKDSN 1.5/6-	6-Pin, 5.08mm,	P1	MKDSN 1,5/6-	277-1251-ND		290-1270	Yes	1
	5.08	250V, 16A		5,08					
	STPS3L60	POWER	D5	DO-214AA_H	497-2454-1-ND		486-2723	No	1
		SCHOTTKY							
		RECTIFIER 3A							
		60V							
								Total:	24