

Title		
A3979 Stepper motor drive		
<a href="http://www.roboticus.org">http://www.roboticus.org</a>		
Size	Number	Revision
A4		
Date:	31/10/2010	Sheet of
File:	D:\Roboticus\A3979schema.SchDoc	Drawn By: Benjamin

C13

U2

www.roboticus.org  
A3979 drive

P1

P5

P2

P6

C5

C2

Q1a

Q1b

R8

R10

R3

R4

U1

IC1

IC10

IC11

IC12

C4

R3b

IC1

R6

R2

P3

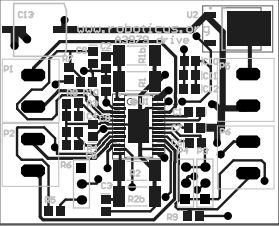
P4

C3

R2b

R5

R9



Designator	Quantity	Value	Farnell
C1, C6, C7	3	220nF, 220nF 50V	1759269
C2, C3, C9	3	100nF	1759266
C4, C5	2	1nF	1759226
C8, C12	2	220nF	1759269
C10, C11	2	10µF	1759421
C13, C14	2	220uF	9695877
P1, P2, P5, P6	4	Bomier 2 Way	9632670
P3, P4	2	Header 3	1097954
R1, R1b, R2, R2b	4	0.3R	1634333
R3, R4	2	12k	9333835
R5	1	8.2K	9333584
R6	1	Pot 10k	9355286
R7, R9, R10	3	3.3k	9334360
R8	1	2.2k	9334149
U1	1	A3979SLP-T	1521716
U2	1	LM2936DT-5.0	1286864