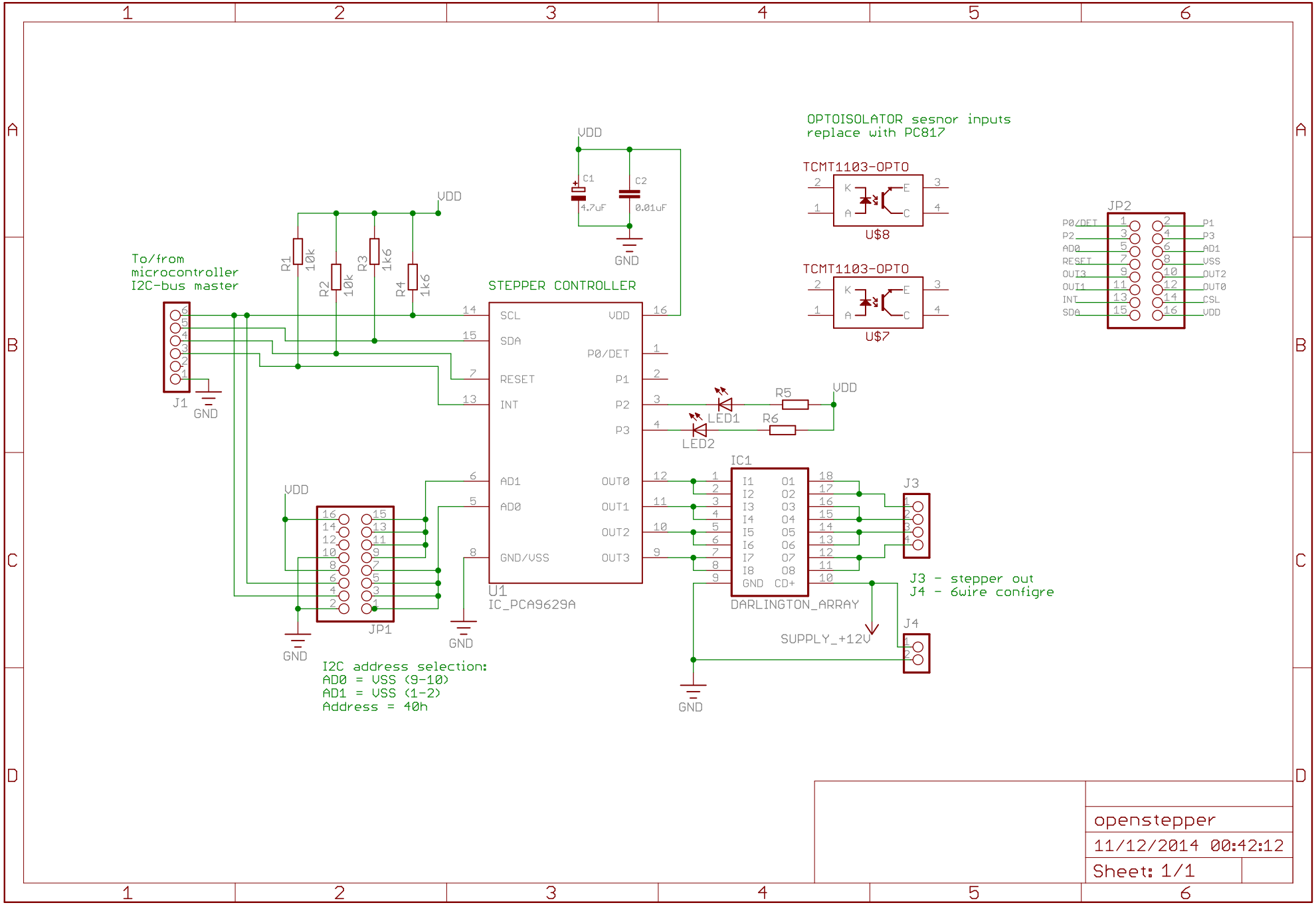
OPTOISOLATOR sesnor inputs
replace with PC817
TCMT1103-OPTO
U$8
TCMT1103-OPTO
U$7
JP2
P0/DET
P2
AD0
RESET
OUT3
OUT1
INT
SDA
P1
P3
AD1
VSS
OUT2
OUT0
CSL
VDD
VDD
C1
4.7uF
C2
0.01uF
GND
To/from
microcontroller
I2C-bus master
R1
10k
R2
10k
R3
1k6
R4
1k6
J1
GND
STEPPER CONTROLLER
SCL
SDA
RESET
INT
AD1
AD0
GND/VSS
VDD
P0/DET
P1
P2
P3
OUT0
OUT1
OUT2
OUT3
U1
IC_PCA9629A
LED1
LED2
R5
R6
VDD
IC1
I1
I2
I3
I4
I5
I6
I7
I8
GND
O1
O2
O3
O4
O5
O6
O7
O8
CD+
DARLINGTON_ARRAY
J3
J3 - stepper out
J4 - 6wire configre
J4
SUPPLY_+12V
GND
VDD
JP1
GND
GND
I2C address selection:
AD0 = VSS (9-10)
AD1 = VSS (1-2)
Address = 40h
openstepper
11/12/2014 00:42:12
Sheet: 1/1