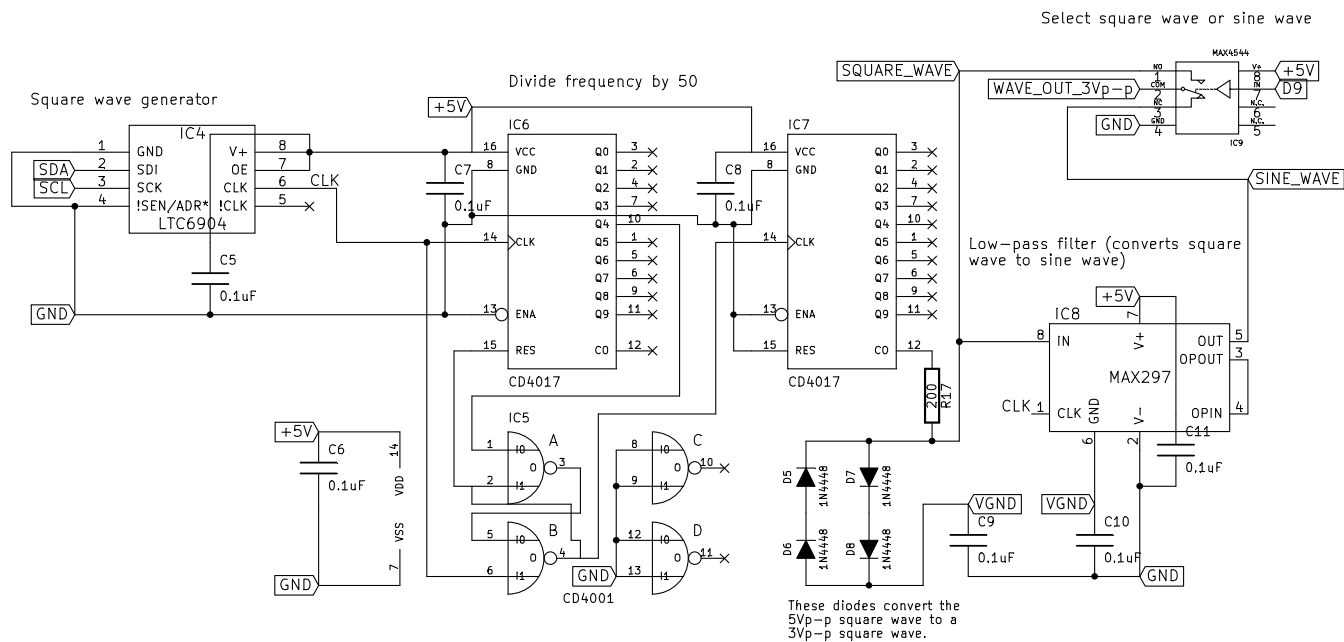


<b>Wheeler Microfluidics Lab</b>			
File: control-board-p1.sch			
Sheet: /page 1/			
<b>Title: Control board</b>			
Size: A4	Date: 14 may 2011	<b>Rev: v1.1</b>	
KiCad E.D.A. eeschema (2011-01-22 BZR 2754)-stable		Id: 2/4	



# Wheeler Microfluidics Lab

File: control-board-p2.sch

Sheet: /page 2/

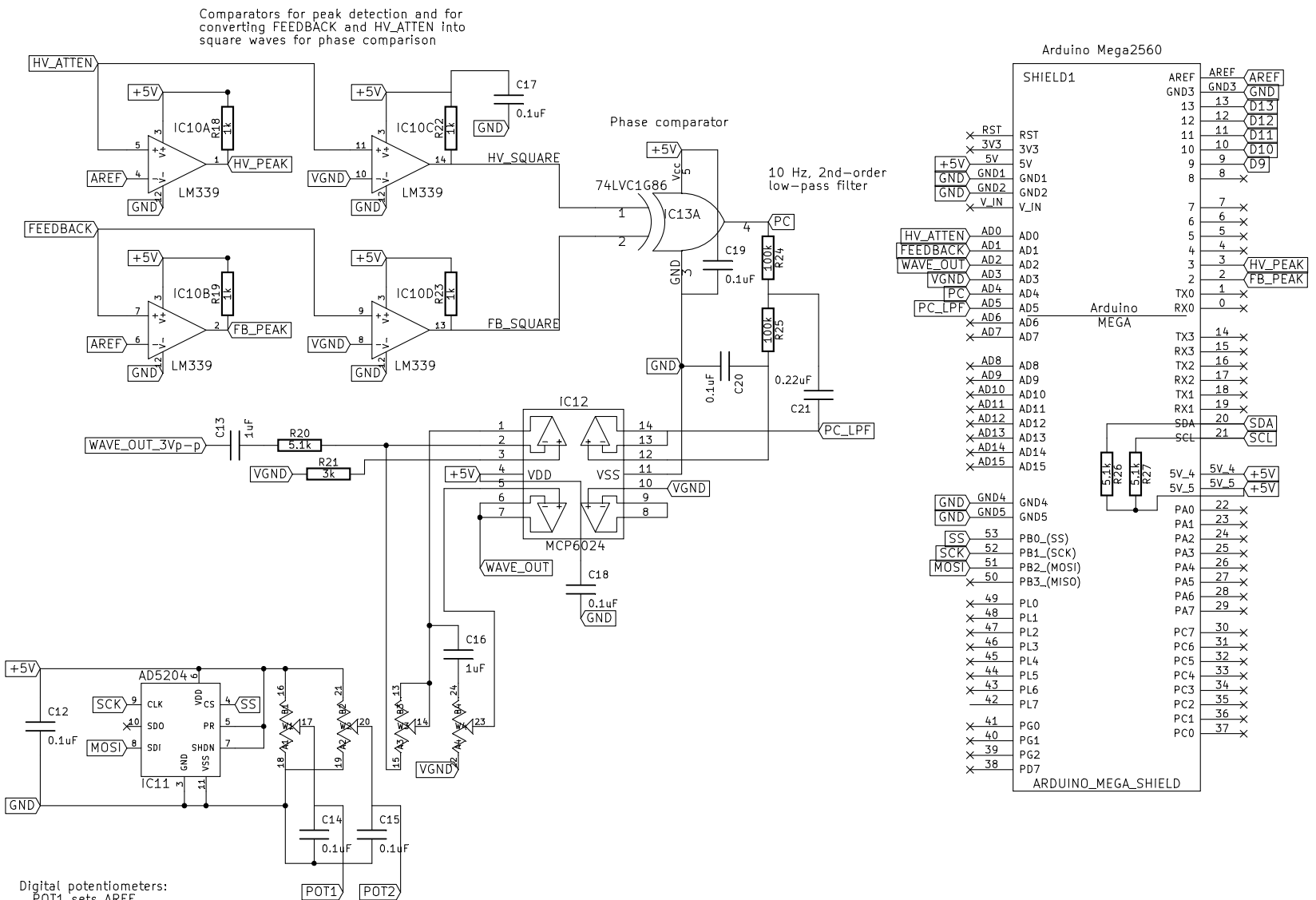
## Title: Control board

Size: A4 Date: 14 may 2011

Rev: v1.1

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Id: 3/4



Digital potentiometers:  
 POT1 sets AREF  
 POT2 sets VGND  
 POT3 amplifies WAVE\_OUT\_3Vp-p to 5Vp-p  
 POT4 attenuates WAVE\_OUT (adjustable from 0-5Vp-p)