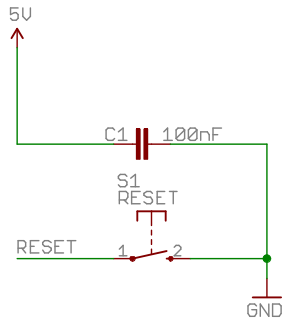
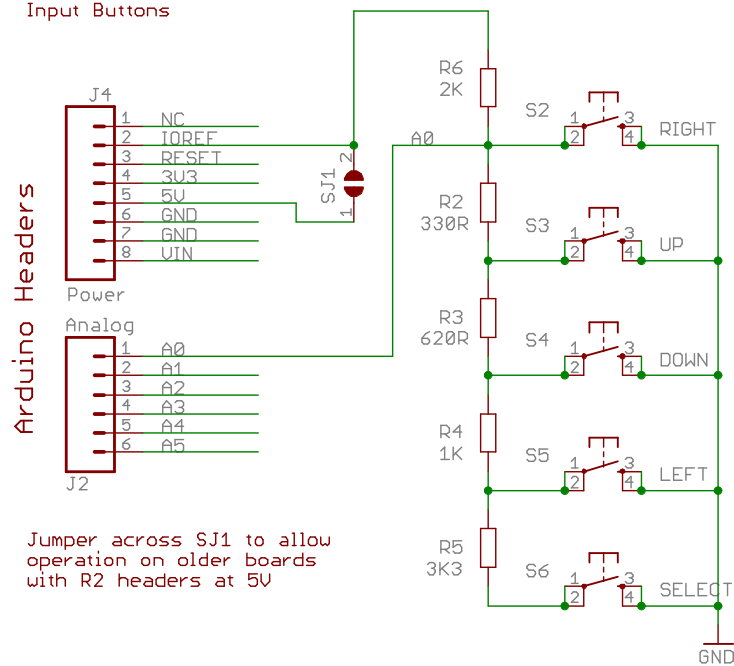


Power / Reset



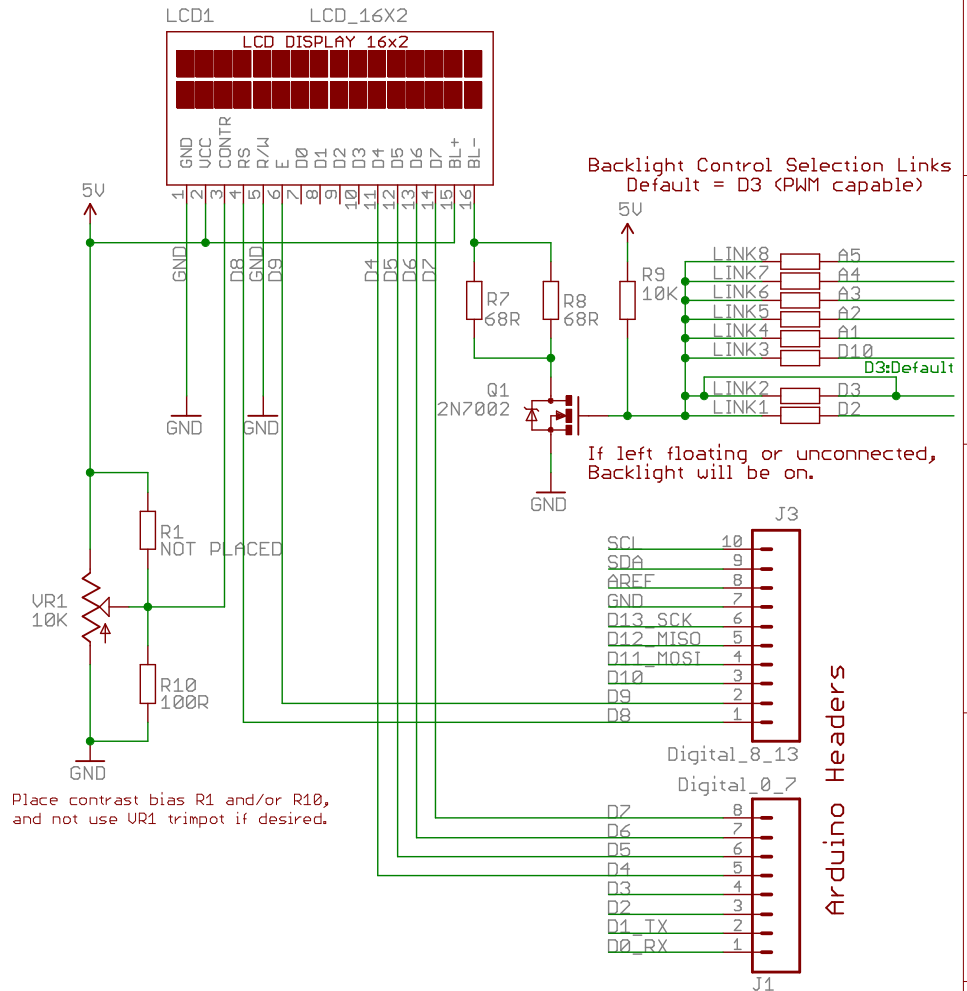
Input Buttons



Jumper across SJ1 to allow operation on older boards with R2 headers at 5V

Button	@5V	@3.3V	8 bit	10 bit
RIGHT	0.00V	0.00V	0	0
UP	0.71V	0.47V	36	145
DOWN	1.61V	1.07V	82	329
LEFT	2.47V	1.64V	126	505
SELECT	3.62V	2.40V	185	741

LCD Module



Backlight Control Selection Links
Default = D3 (PWM capable)

If left floating or unconnected, Backlight will be on.

Place contrast bias R1 and/or R10, and not use UR1 trimpot if desired.

Freetronics 16x2 LCD Shield

SKU: LCDK V3.0 (2013-11-05) www.freetronics.com/lcdk

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