**Power Supply +5V**

**Sensors**

- High order nibble
- Low order nibble

**Buffers**

- High order nibble
- Low order nibble

**I2C Expander**

Possible I2C addresses:

- 0x0 (01111100b)
- 0x3F (01111110b)
- 0x70 (11100000b)
- 0x71 (1110001b)

Set I2C address with S31 and S32

**RedBot Interface**

Open S33 to disconnect I2C pull-up resistors.
Move S35 to make interface 5V.

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**SparkFun Line Follower Array_v10**

Design by Marshall Taylor

Dates 10/14/2015 4:11:34 PM Sheet 1/1