Common Load
Cell Colors:

Red
Black
White
Green or Blue
Yellow

JP4

E+ 5
E- 4
A- 3
A+ 2
Shield 1

AVDD = VBG(R1+R2)/R1

AVDD

GND

JP2

2 B-
1 B+

VCC   VCC

C5   C6
0.1uF   10uF

GND   GND

VCC

C3   C7
0.1uF   10uF

GND   GND

R1
20K

VFB

R2
8.2K

GND

VCC

Q1
MMBT4403

VBG = 1.25V

VCC

R3   C2
100   0.1uF

R4
100   C1
0.1uF

U1

VSUP   DVDD
BASE   RATE
AVDD   XI
VFB   XO
AGND   DOUT
VBG   PD_SCK
INA-   INB+
INA+   INB-

HX711

VCC

GND

VCC

R5
10K

SJ2

GND

Default: Closed - Data rate set to 10SPS
Open jumper to set to 80SPS
Increases noise per read

VCC

1
2   DAT
3   SCK
4

JP1

VCC: 2.7-5.5V
IO: 2.7-5.5V

GND
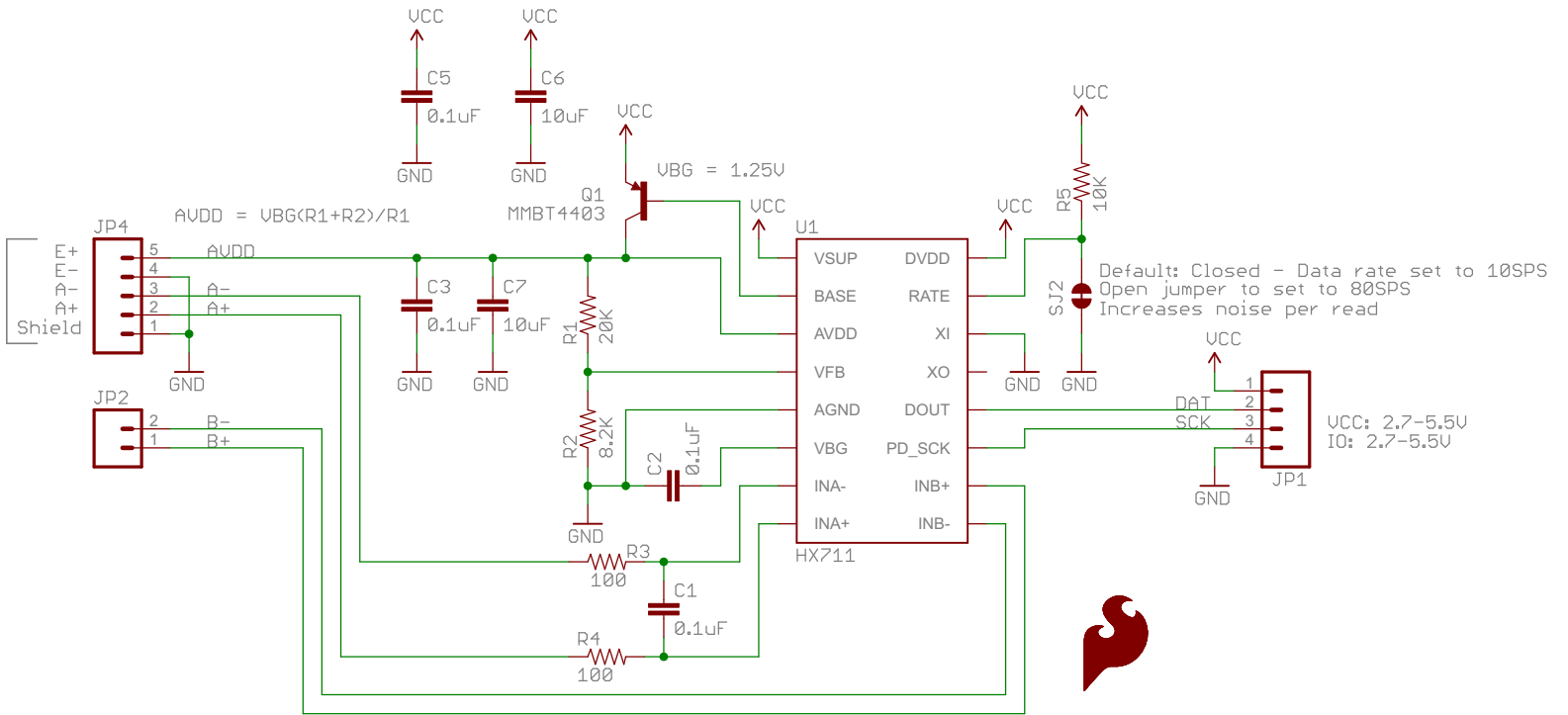
sparkfun

open hardware

TITLE: SparkFun_HX711_Load_Cell_v10

Design by:N. Seidle

REV:
v10

Date: 3/3/2015 9:49:54 AM

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