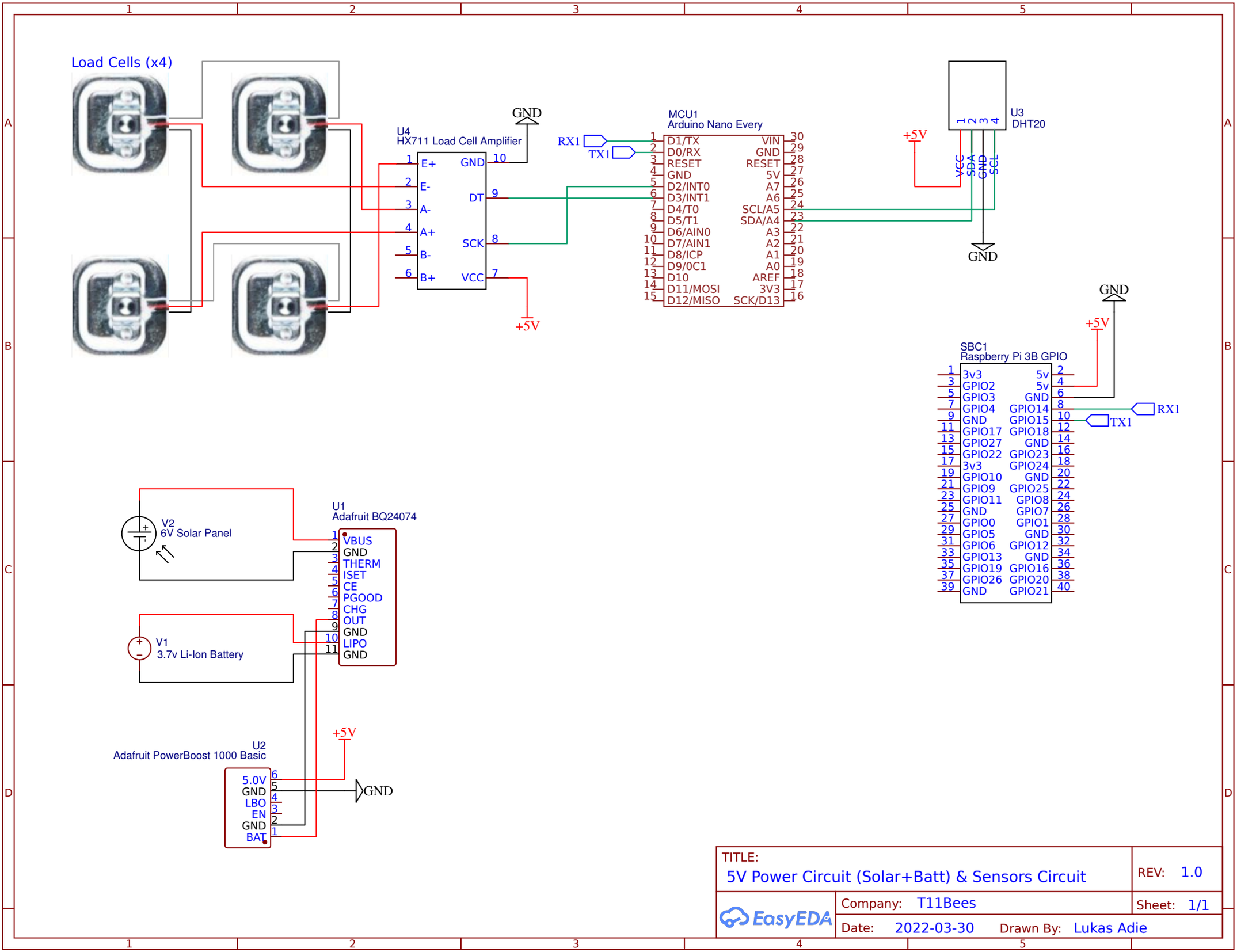
Load Cells (x4)
U4
HX711 Load Cell Amplifier
E+
E-
A-
A+
B-
B+
GND
DT
SCK
VCC
GND
+5V
MCU1
Arduino Nano Every
RX1
TX1
D1/TX
D0/RX
RESET
GND
D2/INT0
D3/INT1
D4/T0
D5/T1
D6/AIN0
D7/AIN1
D8/ICP
D9/0C1
D10
D11/MOSI
D12/MISO
VIN
GND
RESET
5V
A7
A6
SCL/A5
SDA/A4
A3
A2
A1
A0
AREF
3V3
SCK/D13
U3
DHT20
+5V
VCC
SDA
GND
SCL
GND
SBC1
Raspberry Pi 3B GPIO
GND
+5V
RX1
TX1
3v3
GPIO2
GPIO3
GPIO4
GND
GPIO17
GPIO27
GPIO22
3v3
GPIO10
GPIO9
GPIO11
GND
GPIO0
GPIO5
GPIO6
GPIO13
GPIO19
GPIO26
GND
5v
5v
GND
GPIO14
GPIO15
GPIO18
GND
GPIO23
GPIO24
GND
GPIO25
GPIO8
GPIO7
GPIO1
GND
GPIO12
GND
GPIO16
GPIO20
GPIO21
V2
6V Solar Panel
V1
3.7v Li-Ion Battery
U1
Adafruit BQ24074
VBUS
GND
THERM
ISET
CE
PGOOD
CHG
OUT
GND
LIPO
GND
U2
Adafruit PowerBoost 1000 Basic
5.0V
GND
LBO
EN
GND
BAT
+5V
GND
TITLE:
5V Power Circuit (Solar+Batt) & Sensors Circuit
REV: 1.0
Company: T11Bees
Sheet: 1/1
Date: 2022-03-30
Drawn By: Lukas Adie
EasyEDA