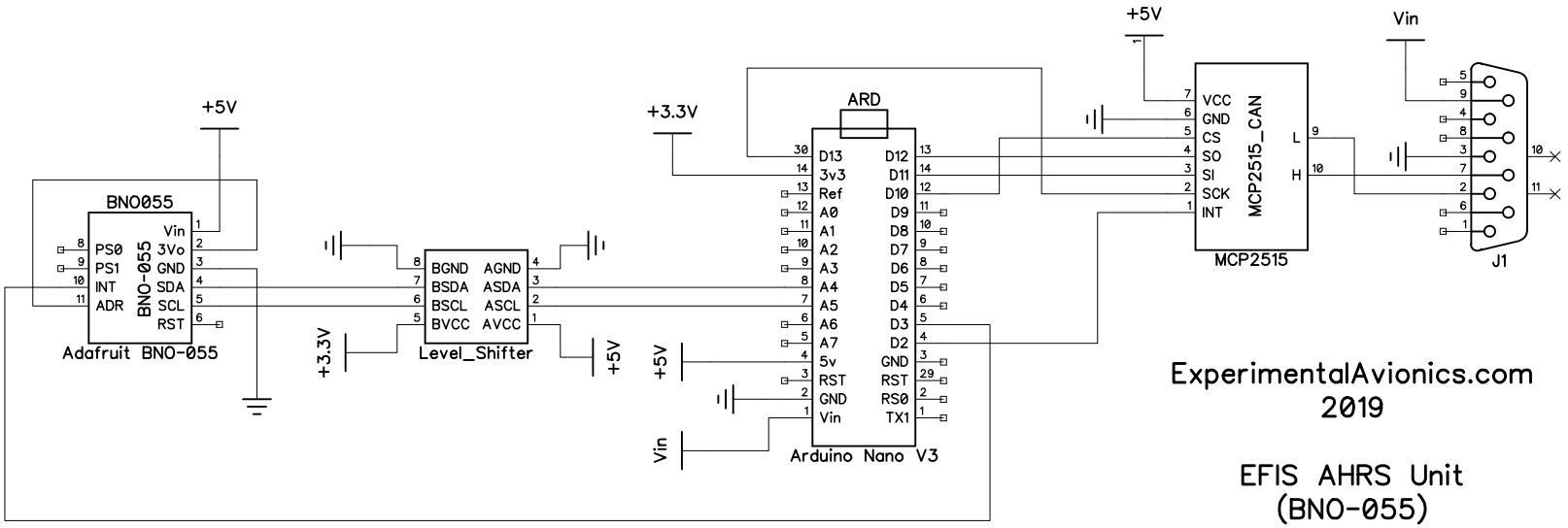
+5V
BNO055
Vin
PS0
3Vo
PS1
GND
INT
SDA
ADR
SCL
RST
BNO-055
Adafruit BNO-055
+3.3V
BGND
AGND
BSDA
ASDA
BSCL
ASCL
BVCC
AVCC
Level_Shifter
+5V
+3.3V
ARD
D13
D12
3v3
D11
Ref
D10
A0
D9
A1
D8
A2
D7
A3
D6
A4
D5
A5
D4
A6
D3
A7
D2
5v
GND
RST
RST
GND
RS0
Vin
TX1
Arduino Nano V3
Vin
+5V
VCC
GND
CS
SO
SI
SCK
INT
MCP2515_CAN
L
H
MCP2515
Vin
J1
ExperimentalAvionics.com
2019
EFIS AHRS Unit
(BNO-055)