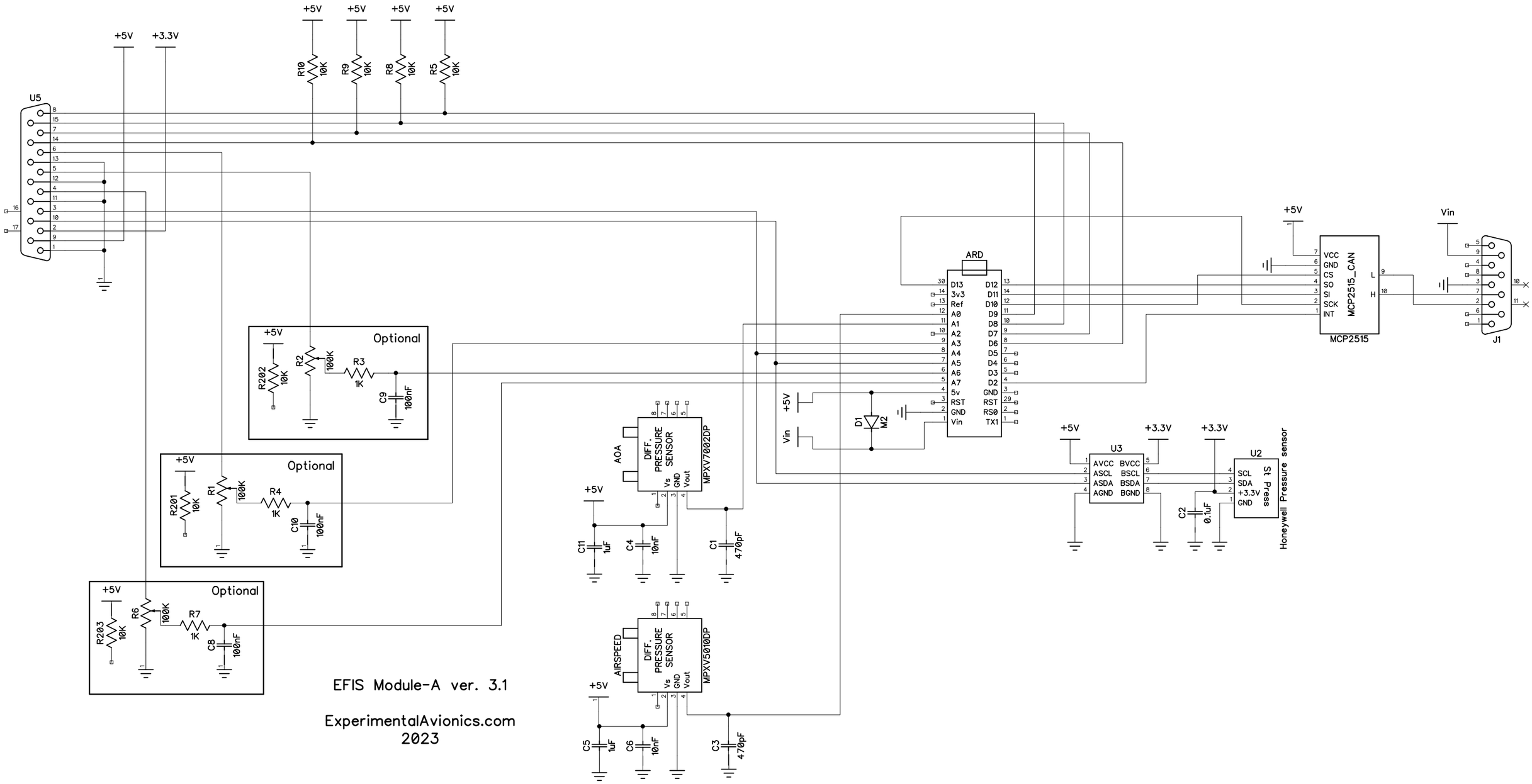
+5V
+3.3V
R10 10K
R9 10K
R8 10K
R5 10K
U5
8
15
7
14
6
13
5
12
4
11
16
3
10
17
2
9
1
Optional
R202 10K
R2 100K
R3 1K
C9 100nF
Optional
R201 10K
R1 100K
R4 1K
C10 100nF
Optional
R203 10K
R6 100K
R7 1K
C8 100nF
EFIS Module-A ver. 3.1
ExperimentalAvionics.com
2023
ARD
D13
3v3
Ref
A0
A1
A2
A3
A4
A5
A6
A7
5v
RST
GND
Vin
D12
D11
D10
D9
D8
D7
D6
D5
D4
D3
D2
GND
RST
RS0
TX1
D1
M2
AOA
DIFF. PRESSURE SENSOR
MPXV7002DP
Vs
GND
Vout
C11 1uF
C4 10nF
C1 470pF
AIRSPEED
DIFF. PRESSURE SENSOR
MPXV5010DP
C5 1uF
C6 10nF
C3 470pF
MCP2515_CAN
VCC
GND
CS
SO
SI
SCK
INT
L
H
MCP2515
Vin
J1
U3
AVCC
ASCL
ASDA
AGND
BVCC
BSCL
BSDA
BGND
U2
SCL
SDA
+3.3V
GND
C2 0.1uF
St Press
Honeywell Pressure sensor